



WORLDSTAR GLOBAL PACKAGING AWARDS

2022 Official Winners Guide

WORLDSTAR 2022 WINNERS

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Fiera Milano - Italy



ISTITUTO ITALIANO IMBALLAGGIO
The ITALIAN INSTITUTE of PACKAGING

BALLUFF

THE NETWORKING FOR THE PACKAGING SUPPLY CHAIN

The Italian Packaging Institute provides ongoing and constant advising services to all its members. It draws on the knowledge and experience of an esteemed group of experts and consultants, who promptly attend any issues related to the packaging supply chain.

OUR MEMBERS

The Italian Packaging Institute major strength lies in its members, which include the entire supply chain, from raw materials to brand owners, creating an exquisitely technical network, unique in its kind.

Focus of the activity is precisely the double perspective: on the one hand, suppliers of raw materials, technologies, packaging of different materials, on the other, the brand companies of different markets, with prevalence for the food and beverage sector. Representation associations, analysis laboratories and consulting firms of various kinds complete the supply chain.

MANUFACTURERS • USERS • AGGREGATED MEMBERS
• ASSOCIATIONS • SUPPLY CONSORTIA



SERVICES

WIKIPACKAGING

The technical-legislative database is closely connected to current events and it also collects a variety of documentation such as legislative texts, opinions, position papers, rules in technical investigation, material alerts and more, available at any time, through access to the area reserved for members only.

THE COMMISSIONS

Experts Technical tables exchanging ideas on cross-cutting and topical issues, aiming at drawing up operational guidelines for the industry. All experts are from associated companies.

HELP DESK

A technical and regulatory support, whose strength is the direct contact with experts: "real-time" answers by phone and by email.

DATA BANKS

The Italian Packaging Institute has legal and economic databases that can be consulted and downloaded free of charge by members, independently, from the Wikipackaging.it site.

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2022 OFFICIAL WINNERS GUIDE

WELCOME MESSAGE, PRESIDENT



PROFESSOR
PIERRE PIENAAR, CPP

PRESIDENT
WORLD PACKAGING
ORGANISATION

We are into our third year of the Corona Virus but am glad to be welcoming you to this physical event. This is something we have not enjoyed for these past two years. What a tumultuous past few year it has been. Our temporary home offices are now permanent, and we have become good at home schooling. We have embarked on a new normal.

I have enjoyed the casualness of dressing only from the waist up. I do however miss the handshake and hugs. In the face of all adversity and adapting to this new way of life, people tapped their creative minds. In the packaging industry it was no different. Manufacturers have proven again that when faced with challenges, ingenuity can yield innovative results.

The e-commerce packaging market continues to grow at an alarming rate, thanks to the boost these past few year. We cannot be devoid of packaging, we cannot escape, it is all around us, so let us embrace it!

We have a responsibility and a challenge to ensure packaging gets better and better in all respects. The WorldStar Awards for packaging design excellence recognises and honours the genius of those who are serious about producing the most effective packaging. The WPO Board of Directors, who deliberated

over the entries, were again impressed by the high standard of innovation. While sustainability remains a key and necessary consideration when designing packaging, the judges were impressed by the visual design techniques employed to enhance consumer experience.

On behalf of the WPO, I make a personal appeal to future packaging designers: There is no shortage of food in the world and yet poverty is rife. There is however, a shortage of effective packaging to get more food to more people. There must be many solutions to this issue and the WPO believes a solution lies in packaging. I encourage designers to always have this challenge in mind when contemplating new packaging designs.

Congratulations to all WorldStar entries. Each has already been a winner at a national level. May the WorldStar Award winners feel recognised and valued and be an inspiration to others in the field.

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The WorldStar Awards are administered on behalf of WPO by LibanPack, The Lebanese Packaging Center.



ABOUT WPO

“Better Quality of Life through Better Packaging for More People.”

WPO World Packaging Organisation is a non-profit, non-governmental, international federation of packaging institutes, associations, federations and other interested parties including corporations and trade associations.

Founded in 1968 on the occasion of the second Japanese International Packaging Exhibition, the World Packaging Organisation is made up today of member organisations from over 65 countries. Many members are packaging institutes; other significant members are national or regional trade Organisations that promote their countries’ packaging products.

In recent years, WPO has focused on packaging in developing nations.

With headquarters in Vienna (Austria), the entity promotes projects and actions aligned to its main slogan “Better Quality of Life through Better Packaging for More People.” With that mission in mind, WPO encourages the development of packaging technology, science and engineering; stimulation of international trade; and the advancement of packaging education and training.

Visit www.worldpackaging.org for further information about WPO.



WPO LEADERSHIP

EXECUTIVE BOARD



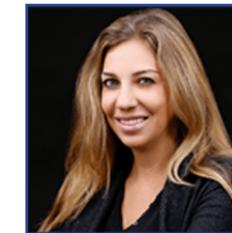
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ABOUT WORLDSTAR



**WORLDSTAR
GLOBAL
PACKAGING
AWARDS**

Since 1970, the World Packaging Organisation has been organizing WorldStar awards and providing awards to numerous packs from all around the world. The WorldStar Competition is one of the major events of the World Packaging Organisation (WPO) and is the pre-eminent global award in packaging. WorldStar illustrates the continual advancement of the state of packaging design and technology and creates a living standard of international packaging excellence from which others may learn. Each year WPO is recognizing the best of the best in packaging innovations from across the globe. The objective of WPO in organising WorldStar is to increase awareness on the importance of packaging in having a better life and to recognize the innovation and efforts of brand owners, designers, students and branding agencies for creating packaging solutions of the future and in responding to new challenges and global trends such as sustainability, hygiene and other trends.



GET YOUR GLOBAL RECOGNITION

by applying to the pre-eminent international award in packaging.

www.worldstar.org

[in @WorldStar Awards](#)



ENTRIES & WINNER BY COUNTRY FOR WORLDSTAR 2022

No.	Country	2022 Entries (440)	Winners 2022 (240)
1	Japan	44	23
2	Germany	41	28
3	China	39	15
4	Australia & New Zealand	33	27
5	India	33	10
6	Czech Republic	28	13
7	South Korea	25	13
8	Austria	23	14
9	USA	22	10
10	Hungary	15	6
11	Switzerland	11	6
12	Brazil	11	7
13	Thailand	10	4
14	Spain	10	8
15	Turkey	9	4
16	Poland	9	7
17	South Africa	8	3
18	Sweden	7	5

No.	Country	2022 Entries (440)	Winners 2022 (240)
19	Greece	6	3
20	Finland	6	5
21	Italy	6	1
22	United Kingdom	5	4
23	Ukraine	5	2
24	Slovakia	5	2
25	Mexico	5	3
26	Norway	4	4
27	Singapore	4	3
28	Sri Lanka	3	1
29	Latvia	3	2
30	Denmark	2	2
31	Canada	2	0
32	Netherlands	2	2
33	Israel	1	0
34	Russia	1	1
35	Ghana	1	1
36	Vietnam	1	1

JUDGING CRITERIA FOR WORLDSTAR MAIN CATEGORIES

- Protection and preservation of contents
- Ergonomics
- Sustainability
- Ease of handling, filling, closing, opening and reclosing
- Sales Appeal: On-Pack Branding / Marketability
- Quality of Execution
- Cost Reduction, economy of material, and cost saving
- Creativity and Innovation

WHY PARTICIPATE



- Prestige - gain worldwide recognition - your pack will be noticed by some of the biggest packaging buyers in the world and all over the packaging media.
- Entering gives you a great opportunity to impress new and current clients.
- Use the winner's logo on your own promotional material and stand out from your competitors.
- Receive the award at a world class awards presentation ceremony & gala dinner.
- Receive a complimentary trophy and certificate to display for all your customers to see.





MEET THE INTERNATIONAL JUDGING PANEL OF WORLDSTAR 2022



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AIP: Peak Professional Body for Packaging Education & Training in Australasia

The Australian Institute of Packaging (AIP) is the peak professional body for packaging education and training in Australasia; helping to shape the careers of generations of packaging professionals – from packaging technologists to international packaging business leaders along with a host of people in associated disciplines – sales and marketing, purchasing, production and environment.

The AIP was founded in 1963 in response to a need for packaging technologists to interact and provide a professional identity for individuals within the packaging industry. Having served the industry for over 59 years the AIP is the only professional body designed to provide professional and personal development to all levels of the packaging industry; educational offerings include the Diploma in Packaging Technology, the Certificate in Packaging, the Master in Food & Packaging Innovation, Certified Packaging Professional (CPP) Designation, Fundamentals of Packaging Technology course, half-day training courses, conferences, technical forums, site visits, Influential Women's Mentoring program, internship program and more. The AIP covers Australia, New Zealand and parts of Asia. To find out more email info@aipack.com.au or www.aipack.com.au



Annual Australasian Packaging Innovation & Design (PIDA) Awards

Coordinated by the Australian Institute of Packaging (AIP), the Annual Australasian Packaging Innovation & Design (PIDA) Awards are designed to recognise companies and individuals who are making a significant difference in their field in Australia and New Zealand.

PIDA Categories include:

Food • Beverage • Health, Beauty & Wellness • Domestic & Household Labelling & Decoration • Outside of the Box • Sustainable Packaging • Save Food Packaging Accessible & Inclusive Packaging • Marketing • Young Packaging Professional of the Year Industry Packaging Professional of the Year • ABA Scholarships

EXCLUSIVE ENTRY TO

The PIDA Awards are the exclusive award program for all Australia and New Zealand entries into the prestigious WorldStar Packaging Awards, which are coordinated by the World Packaging Organisation (WPO). The AIP are the Member for Australia and New Zealand for the WPO. To find out more email pida@aipack.com.au

WPO PACKAGING EDUCATION AROUND THE WORLD

THE IMPORTANCE FOR WPO EDUCATION DEVELOPMENT

Education is fundamental to development. It is both a human right and an investment for sustainable development.

The rapid pace of technological change has implications for teaching and learning at all levels of the system that cannot be ignored; from the use of tablets and e-readers in places of learning. Residential Training Program in Packaging Technology is the flagship in WPO's training portfolio.

WPO Education program 2021 has been tailored its training online, as well in hybrid formats, so as to continue to educate in whichever method suits the region or country. This can be adjusted to a 3, 4, or 5-day Packaging Technology training course with translators where required and within the curriculum requirements.

Performed Courses 2021 some feedbacks are:

- Better quality of life, through better packaging, for more people.
- Lecture-type classroom learning, but online training is the most effective and efficient way of delivery of Packaging Education in our environment. All the complexities of travel.
- The knowledge of the base principal of all packaging and the development of F&B and Pharmaceutical packaging and more knowledge about the packaging material from around the world.
- Should have a formal curriculum with the set evaluated project. Need to put more The WPO continues to drive forward approaches that are sensitive to both global and local contexts.

The WPO needs to continue to ensure that the core education priorities are identified and suitably addressed but simultaneously realize that the methods of achieving these changing demands are quickly recognized. These approaches acknowledge the complexity of the issues that keep potential students, hinder their learning, and prevent them from converting educational outcomes into opportunities that realize their rights, reduce inequality, and deliver education's full potential, thus ensuring a better quality of life through better packaging for more people resources into building the WPO Brand and training programs. WPO's 2022 Education Program will be included in 10 countries/regions: Nigeria, Pakistan, Kenya, Lebanon & Jordan, Saudi Arabia, Indonesia, Iran, Iraq, Chile, and Global Online Training. Taken together, evidence suggests that a quality education can enable people to shape, strengthen and

contribute to the building blocks of open economies and open societies. Education is also an essential part of responding to current and future challenges, rising inequalities within and between countries.



Please contact Mr. Henky WIBAWA, WPO Vice President Education for the training programs. e-mail: henkywibawa@worldpackaging.org



LIFETIME ACHIEVEMENT AWARD IN PACKAGING

AWARD CELEBRATES AND PRESERVES COLLECTIVE ACHIEVEMENTS OF LONGSTANDING INNOVATORS

The Lifetime Achievement in Packaging Award was established with the aim of acknowledging and rewarding excellence in all aspects of packaging science, technology, design and application across every country around the world. WPO recognises that the discipline of packaging is one that is truly global. Thus, the World Packaging Organisation is in a unique position to identify leading practitioners from around the world who have consistently pushed the boundaries in advancing the art, science and application of packaging to serve the needs of an ever more demanding society. These prestigious awards will celebrate and preserve in perpetuity the collective achievements of these innovators for many years to come. Congratulations to the winners!



RACHEL BAYSWATER
2022 LIFETIME ACHIEVEMENT IN PACKAGING AWARD
WorldStar Coordinator 2010 - 2020
IOM3 UNITED KINGDOM
2022 WORLDSTAR PACKAGING AWARDS

Rachel first became involved in the world of packaging when joining the Institute of Packaging in 2000. During the early days she worked in the training department and organised many packaging conferences which were prevalent in those days, and of course, the renowned Diploma of Packaging. She was instrumental in setting up PIABC (Packaging Industry Awarding Body Company), where she took on the role as QA Manager. PIABC is the professional awarding body operating within IOM3 (Institute of Materials, Minerals and Mining), providing accredited qualifications in packaging. In 2005 The Institute of Packaging merged with the Institute of Materials, Minerals and Mining and a restructure took place. Rachel was offered the role of Starpack Manager, managing three packaging awards programmes, schools, students and industry. Packaging briefs in all material sectors were set for the up and coming generation and she thoroughly enjoyed this period working alongside the sponsors, judges, educational establishments and especially seeing the innovation from the students, many of which, went on to work within the packaging industry.

In 2010 IOM3 bid and were successful in winning the contract for organising the WorldStar Awards on behalf of the World Packaging Organisation and Rachel was offered the

role WorldStar Coordinator. Although she doesn't consider herself a packaging expert she had gained an insight into the world of packaging and these were key attributes to the position along with proficiency in marketing and promoting the awards, and her attention to detail stood her in good stead to take on this position. Although demanding and challenging at times she thoroughly enjoyed the role, the biggest challenge being organising overseas awards ceremonies in excess of 300 guests arriving from all corners of the world. Effective and timely communication and detailed events planning was of the utmost importance and she took the awards forward to a higher level.

"It's a real honour to have won the Lifetime Achievement Award from WPO. I was overwhelmed and humbled to receive the news that I had been nominated for the award and to hear that I had actually won after going before an independent panel of judges, was overwhelming. I enjoyed my time working for both IOM3 and WPO and although retirement is great I do miss the people and challenges" Rachel now spends her days in retirement enjoying the garden, grandchildren and modern jive dancing. With the relaxing of COVID restrictions she has several holidays planned with her partner.

LIFETIME ACHIEVEMENT AWARD

AUSTRALIAN MATERIAL SCIENTIST RECOGNISED WITH LIFETIME ACHIEVEMENT AWARD



GRAEME LANG
2022 LIFETIME ACHIEVEMENT IN PACKAGING AWARD
GROUP TECHNICAL MANAGER
LABELMAKERS GROUP
2022 WORLDSTAR PACKAGING AWARDS

For the last thirty years Graeme has held the position of Group Technical Manager with Labelmakers Group and has been a significant contributor to the technical side of the labelling industry for four decades in the Australasian region. Mr Lang is a member of the WPO Member the Australian Institute of Packaging (AIP). Holding Patents for the formation of a 3D label from a flat web and a second patent for a removable label for returnable plastic crates used in the logistics industry (Crate Wash-Off Label), Graeme has certainly left his mark on the industry.

Over two decades ago Graeme established the pressure-sensitive label (PSL) coatings division for Labelmakers, creating one of the first vertically integrated printing companies in the world. Achieving backward integration into materials coating meant that Labelmakers could develop adhesive technology specifically for Australia's application requirements, and delivered a competitive advantage in terms of cost, speed-to-market, end-to-end traceability of materials and local new product development capability. Labelmakers has since grown to become the largest label printer in Australasia utilising its own adhesive technology to support a range of market categories. Labelmakers is the only company in Australasia to be locally manufacturing pressure-sensitive materials.

Graeme is also busy commercialising a range of sustainable label solutions that have been informed by Australia's recycling pathway. This range will include recycled and recyclable facestocks, de-bondable adhesive systems and dispersible ink systems - that are adapted to specific primary container types and local recycling infrastructure.

For the last two decades, Graeme has advocated for sustainability to be incorporated as an aspect of new

product design. He has fostered co-operation between stakeholders - raw material suppliers, brand owners and recyclers to understand, educate and address the important role labels play in maximising the recovery of the primary containers to which they are attached. Still wondering how this recognition is even possible for a material scientist Graeme Lang wanted to share what winning the WPO Lifetime Achievement Award means to him.

"First and foremost, I think it is just the greatest honour that somebody in my field of activity could hope to receive...to even be considered alongside the doyens of the packaging industry who have received this award in the past is a huge, huge personal thrill. It still feels like we are talking about someone else," Mr Lang said. "I think the most important element in any job, or any career, is to have the sense that what you do makes a difference. In a big way receiving the WPO Lifetime Achievement Award gives validation to the effort that I have put in over the last 40+ years," "My advice for future packaging professionals is to be curious. To borrow from the Kaizen philosophy, ask the 5 why's in any new pursuit, problem solving or product development opportunity," "Don't limit focus to just what you need to know to complete your immediate task. Try to build a knowledge and an understanding of your supplier's technology and your supplier's suppliers technology for that matter. Do the same with customer and the end user," "I would say look outside your direct industry for new solutions and new innovations. We are in quite a mature industry today - the probability is that if there was solution it would already have been created or implemented. For me the most significant product developments I have been associated with involved drawing from allied industries or other branches of the packaging industry I had been exposed to." Mr Lang said.



2022 OFFICIAL WINNERS GUIDE

ss7Box



LASER ENGRAVED TAB (Georgia Lucky Tab)

Company: Toyo Seikan Co.,Ltd. Coca-Cola Tokyo R&D Co., Ltd.
Country: Japan

LASER ENGRAVED TAB adds a new value to beverage can lids. Combining color tab and laser engraving technology enables high defined, two-sided and variable decoration, and also the lid with this tab is applicable for retort products.

Engraving on the front surface of the tab appeals the campaign and improves eye-catching feature. On the reverse side, the campaign code and the designated design are engraved to provide entertainment when consumers open it. Moreover, adding information directly to the tab to eliminate the campaign stickers features environmental friendliness.



Boardio® - The recyclable paper-based can for coffee

Company: Graphic Packaging International in cooperation with Club Coffee
Country: Sweden

Boardio® is the new sustainable choice, even for gas tight packaging of coffee. The fiber-based easy-to-use container can replace tin cans, plastic tubs, glass jars and plastic stand-up pouches. A lowered CO2 footprint, 48% less plastics and verified recyclability in well-established paper stream is achieved while meeting consumer preferences.

Boardio® contains more than 80% fiber from sustainably managed forests. All pack components are delivered flat to point-of-filling saving up to 95% transportation and warehousing space. Consumers appreciate easy-opening, large opening for dosing, reclosure and sturdiness. Different shapes and sizes provide flexibility and opportunities for eye-catching branding in supermarkets.

4 X 50 R.N.P. Superior Rum Bottle

Company: Stoelzle Glass Group
Country: United Kingdom

The four fellows set out to create a new standard of rum, it was necessary to disrupt the old standards for what they were, half-truths and marketing ploys. The true quality of rum lies not in its age or place of origin, but in the quality of the sugar cane, the quality of the water, and above all, the quality of the distilling. Fellow Hans, world-renowned distiller, spent almost a decade learning the art of rum distillation, unlocking its secrets and developing a new standard of super-premium rum.

A product as good as 4X50 needs a design to match, which is why Fellow Tom called on an old friend, New York-based creative director Alex Wiederin, to develop the 4X50 logo, bottle and packaging. Alex designed the sword-crossed 'X' of the logo and developed an iconic bottle featuring sustainable off-cuts of leather from Fellow Markus Meindl's family leather business, which dates to 1683. For the box, Alex selected a special recycled carton from Austrian paper company Flatz. The pack has shelf standout due to the heavy thick glass, with unique shape and simple but luxurious label. The bottle is a different shape normally seen for a Rum, but this draws you in to the high standard spirit.



Development of 100% inline inspection feasible display seal label

Company: SUNTORY MONOZUKURI EXPERT LIMITED
Country: Japan

We have introduced the "display seal label" for label-less bottles that has the adhesive strength which does not come off during production and transportation but gives consumer the ease of peeling it off for recycling while enjoying the beautiful liquid color of green tea "IYEMON".

Conventional label-less display seal labels are costly and inefficient because they are all visually inspected off-line. However, we have realized a mass production on a high-speed line with the newly designed seal shape, seal attachment position, and glue which can guarantee 100% quality with in-line inspection.

Wine label – Zurivec

Company: ETIFLEX, s.r.o.
Country: Czech Republic

Zurivec/Furious/. Seven letters. Seven muses. Seven winemakers. Seven harmonic wines that form wine album of David Koller, a Czech musician. Seven pulsating teeth of musical amplitude dominate the label design. They represent the Furious, who is looking for the best wines, adding energy, rhythm and drift to them.

There are several clues hidden in the graphics. Just as the meaning of a song doesn't have to be explained, so in Zurivec everyone can find his own line. The label combines shiny and matte gold hot foil with detailed embossing which together perfectly fit to the black Cotton material.

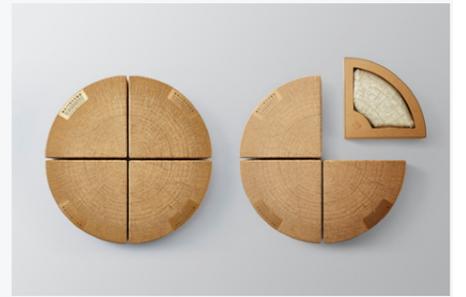


Si Ji ancient tree tea

Company: Shenzhen greensong design consultant co., LTD/Yu Guang
Country: China

This package is the commemorative money for the 40th anniversary of the brand "Siji", which is unfolded in four pieces, each representing 10 years. Packaging design is inspired by tea tree trunk. Four sub-packaging spliced together to form a complete tree pole section. The annual rings represent ancient tree tea.

The whole packaging material is environmentally friendly kraft paper, from which buyers feel the taste of tea. Meanwhile, they also have the function of display in every drinking process, reflecting the understanding and cultural inheritance of tea, bringing tea interest to consumers, which is a good commercial design experience.



Wine label - MENDELU Zahradnicka fakulta

Company: ETIFLEX, s.r.o.
Country: Czech Republic

Enter the Mendel University, alma mater of winemakers. Here the student, doctor and professor work together to achieve their goal – mature wine from a mature winemaker. MendelU has a new series of labels for their three wine lines. The graphics connects three personalities and intertwines them with traditional viticulture

The kraft paper contrasts with the pure geometry of the university logo and detailed graphics in red hot stamping. Thanks to the Živá etiketa mobile app, the message of the label acquires a multimedia dimension. Just take the bottle in your hand and let the label come to life.

Diaoyutai Liquor/The Master Classes

Company: Shenzhen HJR design consultant Co.,Ltd/Liu Qun
Country: China

Elegant simplicity shows the style of China. The dark green bottle adopts the technology of stewing gold, presenting the auspicious court culture of Diaoyutai with dumb gold. The dragon pattern on the bottle neck symbolizes a long history of Chinese culture. The seal character reflects the history of Oriental culture.

This design is both rigid and soft, reflecting the Chinese elegant temperament and magnificent spirit— display the profound cultural heritage of Diaoyutai and sauce liquor quality.



Jinsha huisha Liquor

Company: Shenzhen HJR design consultant Co.,Ltd/Liu Qiansong
Country: China

The package concentrates classical Oriental aesthetic elements, highlighting the national sauce liquor model of Jinsha Huisha. The unique hexagon is traditional Chinese shape. The six sides of the bottle form the arch window. The bottle cap design is extremely personalized and differentiated. The neck of bottle embossed with peony pattern.

Dark green combined with dumb gold shows nobility and elegance. This design is inspired by the beauty of the east.

Jinsha sauce Liquor

Company: Shenzhen HJR design consultant Co.,Ltd/Luo Mingqiang
Country: China

The package demonstrates brand's history, geographic background and quality characteristics. Through an illustration shows brand's brewing skills and geographical location. It displayed in the Han Dynasty mural art style which has thousands of years history. The front of the box is abstract and full of Chinese ink and wash mood.

The packaging also incorporates Guizhou's unique ethnic minority patterns and other elements. When the box is opened, it looks like an unfolding picture scroll, conveying the brand's profound traditional Chinese cultural connotation.



Jinsha sauce liquor/Hanjiao

Company: Shenzhen HJR design consultant Co.,Ltd/Kuang Peishi
Country: China

The design reflects the memory of the times and the characteristics of the origin, showing the essence of sauce liquor. The black shows the characteristics of the Han Dynasty and strengthens the profound cultural heritage of sauce liquor. Gold presents a unique texture, forming a strong visual effect with black.

The annual ring pattern symbolizes long history of Chinese culture and immortal charm of the sauce liquor. Bottle cap is inspired by han jade. The bottom of the bottle is wavy, incorporating the Chishui River. The packaging is like an imperial crown, full of cultural characteristics of the Han Dynasty.



Mysterious Realm Liquor

Company: Shenzhen HJR design consultant Co.,Ltd/Wang Jia
Country: China

This design will bring consumers into a world of secrets. The bottle looks like the glistening pond. Minimalist box design, in light camel color, the bottle body ripples placed in the box like whirlpool, deep bottomless, mysterious. The picture of old man fishing strengthens the tranquil mood.

The cap is a continuous mist of green mountains, integrated with the overall design. The design gets zen and nature together, distilling the water and deep mountains in visual expression, reducing the natural brewing technology of wine, forming a picture with artistic conception.

Niulanshan Liquor/Splendid China

Company: Shenzhen HJR design consultant Co.,Ltd/Liu Wenjing
Country: China

This package demonstrates five thousand years of Chinese culture. The bottle is like a dragon scroll, gorgeous classical. Crisscrossed bottle shape, the product information can be displayed as court board, unique and innovative. Ancient vine lines hover in the bottle cap, symbolizing the brand can last forever.

The detailed of dragon pattern in the bottle box is vivid and the material is exquisite. It looks like the first-class silk. The design is simple and uncommon, with rich cultural connotation and high ornamental value.



Niulanshan Liquor/The soul of China

Company: Shenzhen HJR design consultant Co.,Ltd/Liu Qun
Country: China

The design is based on the Chinese civilization. The bottom of the bottle is shaped like a square tripod and slowly changes upward into a round shape. Square on behalf of the earth, round on behalf of the heaven. They represent the Chinese old theory -Heaven and Earth.

The surface of the bottle is surrounded by bamboo slips. The shoulders and bottom of the cap are translucent amber. Amber, meaning the long history and culture of Chinese civilization. The bottle shoulder combined with the Chinese totem - dragon pattern, reflect the cultural connotation of the Soul of China.

Floating Clouds Liquor

Company: Shenzhen HJR design consultant Co.,Ltd/Jiang Jiahua
Country: China

This kind of packaging creativity through the clever intake of natural scenery "cloud" and "water" characteristics and dynamics, very rich sense of streamline and quality, while conveying a fresh, clear zen, but also reflects a kind of ethereal calm, natural flow, elegant free and easy brand artistic conception.

The product is made of environmentally friendly corrugated paper, and the box is in the form of double gift box. High and low alcohol intensity is conducive to the consumption experience. While paying attention to environmental protection, it has good display effect.



Yangyuan liquor

Company: Shenzhen HJR design consultant Co.,Ltd/Huang Shimian
Country: China

The clear flowing water ripples on the bottle show the liquor quality. The bottom of the bottle is embedded with a 3D iceberg, just like the bottom of a surging lake. The transparent material highlights the inherent quality of liquor and the wooden bottle cap strengthens the brand tonality.

The bottle box shows the scenery of Yangyuan. Nice liquor is produced in beautiful scene. The design is fresh and harmonious, not only retains the Chinese elements, but also fashionable and elegant.



MINTIS GIN

Company: COLOR PRESS
Country: Poland

Mintis'well-designed bottles create positive buzz and an unforgettable experience. It reinforces the value of the gin gets You excited to try it.

Mintis Gin uses custom-designed and embossed bottles inspired by fresh bunches of mint. These works of art are adorned with detailed mint leaves which ensure that the bottle will interest customers and shine on every shelf.

Chateau Leoville-Barton Wine Gift Box

Company: Stora Enso China Packaging/Fang Yanyuan ChenYueying
Country: China

Main design concept comes from Space, display and natural. Minimalist overall style coordinate with grape & wood grain illustration can highlight the raw material quality, and make the product and packaging as a unified entity. well-designed hollow out space design can present product quality details to consumers intuitively and multidimensional.

Non-plastic material recipe, less-printing technological selection coordinate with minimalist overall design concept, can bring client's brand scope to end-consumer intuitively, meet the cost target and function requirements easily, and echoing the non-plastic, environmental, sustainable themes of the times as well.



"Tea House"tea packaging

Company: ZPR PRINTING GROUP CO.,LTD/Li Fuyin Li Xiaoqin Li Pengli.
Country: China

Through the packaging of immersive scenes, the brand and consumers establish an interactive and sustainable dialogue relationship, so that young consumers can feel the call of sweet tea soup.

Packaging is intended to restore the scene of tea picking, to create a mood, open the packaging, as if into the tea garden, immersive. Let a person feel detached realm, feel the gift of nature.

EXCLUSIVE

Company: ARTESANIA CERVERA, S.L. - PACKPLEK
Country: Spain

The only foldable wooden box in the world. Patented, economical model, easy to assemble, persolizable finishes and that complies with the 3 R's.



LOOP BONAFONT MINERAL WATER BOTTLE - VALGROUP & DANONE

Company: VALGROUP
Country: Brazil

LOOP Project presents a disruptive concept in the mineral water market. A packaging made of 100% recycled material, 100% recyclable, no label, no ink, and a cap made of raw material of green origin (renewable source). From the point of view of mechanical recycling (Bottle-to-Bottle), there is no "contaminant".

The great benefit of this packaging is the environmentally responsible role within a fully circular economy that will ensure a smaller carbon footprint, less energy use and less water consumption from the planet. We intend to positively impact the lives of consumers and the environment.



TopClip

Company: Smurfit Kappa
Country: Czech Republic

A revolution in can multipacks! TopClip is a sustainable alternative for commonly used shrink wrap to bundle multipacks of cans. With a 30% lower carbon footprint than a shrink wrap, the paper-based TopClip is completely plastic-free and 100% renewable, recyclable and biodegradable. Furthermore, as it is made from well balanced

paper composition with 40 % of recycled material and does not require glue for packing. TopClip fully covers the top of the cans, protecting them from contamination and providing excellent branding opportunities. The "Double-Lock" lock prevents cans from falling out. Grolsch, Budweiser Budvar, Clock and Svijany breweries are topclip pioneers.



LI

Company: China Resources Snow Breweries Co.,Ltd/Li Kai Yang Yan Yan Dong Zhou Weixi
Country: China

Experts from China and the United States jointly discovered that about 5000 years ago, Chinese people created favorable fermentation conditions by using special tools and created advanced brewing technology. Therefore, Li is the origin of Chinese beer.

We refer to the raw materials used by our ancestors for brewing Li. In addition to the necessary raw materials for beer itself, we specially add Organic Millet, organic corn and organic Coix to reproduce the ancient formula, upgrade the brewing process with modern technology.

ROUND CORNERS FULLY-ENCLOSED DAMM

Company: Graphic Packaging International Spain, S.A.U.
Country: Spain

The rounded corner pack, produced by our company, was designed to transform the on-shelf appearance of the Estrella Damm brand within the multipack sector as well as replace the existing shrink film packaging. The disruptive rounded-corner structure-engineered for sustainability, scalability and recyclability - repositions Estrella Damm's cans formats as super-premium.

The innovative solution supports Estrella Damm's vision to replace 100% of its plastic shrink wrap packaging, with paperboard alternatives for multipack cans. The ability to introduce the pack across its full range of pack configurations, as well as to additional brands, will position it as an innovative sustainability leader.



NATURIS BOTTLE: 100% BORN FROM OTHER BOTTLES

Company: LIDL SUPERMERCADO, S.A.U.
Country: Spain

This 1l bottle is the first own branded bottle of the Spanish market made of 100% recycled plastic. This recyclable packaging is compounded by a 100% RPET bottle, a HDPE cap, and a recyclable sleeve printed with washable inks.

Its innovative design reminds a stream of water from a spring and draws several edges that provide the strength to support the entire supply chain. Its slim shape makes it easy to handle and makes a the difference from other bottles.



Asahi Super Dry Nama Jokki Can (Draft Beer Can)

Company: Asahi Breweries, Ltd.
Country: Japan

Asahi SuperDry NamaJokkiCan is made of a full opening end and an automatically foaming can. You can easily enjoy Namajokki beer. Namajokki means a mug of beer in Japanese. We received JapanStar with the comment that our product was impressive because it made foam as well as preserved the contents.

As soon as opening the lid our product, you can enjoy beautiful white foam naturally formed without any tools. We developed the special inner coating to make foam with supplier. We use the full open end with the double safety structure, protecting customers from cut-wound.



Packaging Family for Ecommerce

Company: Sz.Variáns Kft
Country: Hungary

The winery set up the clear expectations for creating the boxes: simple and elegant. Furthermore we tried to reproduce the velvety tannins of the wine to be felt on the packaging by using soft-touch foil.

In case of the double wine bottle box, the insert elements were made by laser cutting. The result is that it does not weaken the corrugated material from the diecutting process and did not crush the flutes, thus providing a stable support for the wine bottles.

Schulz Organic Dairy (Schulz Organic Dairy and Rhima Australia)

Company: Rhima Australia Pty Ltd
Country: Australia & New Zealand

Schulz Organic Dairy moved to a reuse and refill model. All bottles are returned to their facility to be cleaned and sanitised before each Reuse. The program includes a customer incentive to encourage reuse and refill. The shift to a circular Reuse program has seen a 8,500kg elimination of single.

use plastic per year. Each glass bottle sold will save approximately 40g of plastic, or 120kg per week across 3,000 bottles. Schulz have been able to deliver 5,000 bottles per week to retailers and farmers markets in their first year, eliminating 7.6 tonnes of plastic from the broken recycling system.



ILOHAS Natural Mineral Water Label-Free PET Bottle

Company: Coca-Cola(Japan)Company, Limited
Country: Japan

This PET bottle was developed for special package in E-Commerce channel. This was the first unique design bottle without a label in Japan. This bottle was successes in developing "Labe-free bottle trend" in Japan. Stylish design can give a new value even label-free.

For EC users, as for just removing a label from current bottle, it's ok at home. But when they consume out of the house, it does not fit. They cannot appeal brand and they feel poor and not tasty. Iconic design bottle should be required to fit their real occasion.



Melbourne Coffee

Company: Cyclpac
Country: Australia & New Zealand

Melbourne coffee is not just beautifully illustrated, great tasting sustainable coffee, its intelligently packaged in mono-material film design for the circular economy. Compliant with OPRL and ARL recycling standards to ensure global market appeal. Allowing the coffee to breathe, retain its roasted freshness whilst maximising shelf life for the consumer.

100% recyclable, Melbourne coffee is a champion for change in the category, actively engaging the conscience consumer to recycle whilst enjoying ethically sourced coffee. No compromise to barrier performance or commercial running speeds. Maximizing shelf life to minimize product waste. Clean, clever packaging, easily recycled, ultimately reused, everyone wins!



The Wine Barrel - Classic

Company: A.S. Strategy, Branding & Communication, A. Skaraki & Co
Country: Greece

Using creativity to democratize the art of wine tasting provided us with an amazing challenge, making the design of TheWineBarrel's shape the highlight of this project. Our product increased sales among ages 25-54 by 72% in just one month, while TheWineBarrel was awarded as Greece's product of the year.



A | S STRATEGY
Branding & Communication

antoniaskaraki.com

We transform values to communication.

The synthesis of the above is an empirical ode to epiphany, euphoria and charismatic brand awareness. The genesis of a competitive brand is based on the theory and analysis of certain criteria. Hedonism, Harmony and Symmetry emphasize our paradigm in the sphere of our doctrine.

A dynamic period characterized by talent, fantasy and energy. The protagonist - our projects. Communication is a gigantic and phenomenal hypothesis. Strategic words and icons used in harmony create the epitome of aesthetics.

We synchronize our inspirational prisms with today's stimuli and practise several unique dynamic techniques for every theme that we undertake. The "Eureka!" effect characterizes our projects and ideas.



Bonafont NoLabel

Company: Moldintec
Country: Brazil

Moldintec's NoLabel bottle provokes emotions in people that are more effective than marketing that touts features and benefits only. NoLabel is all about essential packaging for branding agencies that strive for "iconic assets." It's a manifesto to people about environmental protection, materials reduction, and recyclability commitment. Essential itself as water.

It's a unique combination of industrial design and engineering talent to develop laser-based manufacturing technology for blow molds. Decoration, communication, and structural design features fused on the whole bottle skin. Easy to recycle and made 100% PCR. Laser machining makes it real "what is essential is invisible to the eye."

IceCoat - Mini fridge without electricity

Company: STREIFFGruppe-Sven Holger StreiffandMaik Bermeitinger
Country: Germany

The IceCoat combines in an innovative way sustainability, convenience, secondary use and reusability in a sales-packaging. This never before seen sales-promoting unit is made entirely of cardboard material, into which water is frozen to keep the packaged good cool for a while. This novelty is a front-runner for the WorldStar-award.

The packaging material of this innovation is not a conventional composite material with barrier coatings (PE-films), but a novel substrate with a plastic-free barrier for watertightness. The (folding) box contains an inner compartment with the packaged goods, which is surrounded by an ice jacket on five sides.



Liquipure® ultra mono-material flexible packaging for bag-in-box

Company: Liquibox
Country: USA

Traditional beverage bag-in-box packaging is multi-material, using nylon or metallized polyester, which makes it nearly impossible to recycle. Liquibox's mono-material Liquipure ultra design eliminates the need for nylon, while still achieving outstanding product protection. This revolutionary recycle-ready bag is the solution for companies struggling to meet their sustainability goals.

Liquipure ultra exceeds performance and sustainability expectations. Apart from being mono-material, it boasts a tougher oxygen barrier, can be filled up to 26% faster and maintains equivalent product evacuation. It reduces CO2 by 20% and diverts 99 tons of material from the landfill (Ecolmpact LCA; vs. 1 million traditional bags).

Stacking Paper Lid

Company: Design Studio S, TAKEO Co.,Ltd. and DIXIE JAPAN LTD.
Country: Japan

Our lids are made out of paper which is environmentally friendly. It's a hole-free to offer the bare minimum for carrying.

Removing the lid and drinking directly from the cup, consumer can fully enjoy the original aroma and flavor of the drink.



The Wine Barrel

WorldStar Winner 2022

A fine wine isn't necessarily a bottled wine. This was the core of the challenge; to reverse the established idea that quality wine can only exist in a glass container and to bring down the perception that good wine is an unreachable and elitist hobby that can only be enjoyed within a wine expertise context.

A new wine category came up, The wine out of the box, which is the notion of moving wine from the big barrel to a smaller barrel so as to not lose its natural habitat.



APOLLEE

WorldStar Winner 2021

Immerse yourself in the soul of APOLLEE. Experience the extraordinary. Feel the lingering sensation of modern design, sophisticated visuals and authenticity... just like the essence of a strictly limited production, paying homage to the Greek heritage. Inspired by olive tree trunks, the design nods to the bond between Mother Nature and her children, aka us, while the high-quality materials lend a tactile feel.

A.S. Strategy's packaging design invites the contemporary connoisseur to experience the boundary-pushing flavor and aroma of a premium olive oil. Ready? Go!



Compostable Kraft Tube Packaging with “Bullnose” closures.

Company: Green Energy Packaging - South Africa
Country: South Africa

Castle Double Malt: Re-discovered and perfected bull-nose technology creates an innovative presentation pack supporting the launch of a new beer product. The pack contains the bottle, drinking glass, beer coaster and leaflet creatively structured to protect and present the contents in an appealing pack with no plastics or metal.

The compostable, sustainable tube packaging is the result of extensive development of various material, techniques and machinery. The combination of selected local kraft papers, laminates, printing inks and barrier coatings creates a remarkably special pack with sustainable and finest quality product credentials support the new beer product launch.



PAPACKS FIBER BOTTLE

Company: PAPACKS SALES GmbH
Country: Germany

The PAPACKS® Fiber-Bottle is a 100% compostable and recyclable bottle made from renewable fiber materials. In combination with the PAPACKS® IMG, an injection molding granulate made of 100% organic composition, which is suitable for fine and detailed constructions, the Fiber-Bottle forms a viable substitute to conventional plastic/glass bottles.

The Fiber Bottle's applications are wide-ranging: from beverage to the household segments. The Fiber Bottle solves the recycling problem of glass and plastic bottles. Through an circular-economy- concept, we reduce packaging waste, as only compostable and reusable materials are given into circulation.



Navegando Al Alba

Company: IPE INDUSTRIA GRAFICA SLU
Country: Spain

a tactile effect around 120 microns was applied on the external side of the sleeve, keeping “fishnet design” in register. Two machine passes were necessary

As a result, loading efficiency and transportation efficiency were improved, and storage space could be reduced. The box volume has been reduced by 23% compared to the conventional method, and the amount of material used has been reduced by 37%.



E-COMMERCE

Neoforêt Aircushion

Company: Moorim SP Co., Ltd
Country: South Korea

Neoforêt Aircushion is a sustainable air-filled packing material that can be used as an alternative to plastic. It is inflated with air, allowing for use of less raw materials compared to existing paper-based packing materials. Neoforêt Aircushion has been patented as the first air-filled packing material to be developed.

Neoforêt Aircushion fully protects products from external impact with the same features as the typical plastic packing material. Neoforêt Aircushion can be easily recycled as it is created without any use of plastic and is coated with a water-based dispersion coating.



Plants per post

Company: Glomma Papp AS
Country: Norway

Aktuell, Innovativ, fleksibel transportemballasje utviklet for å sende et utfordrende produkt – levende og voksende planter (komplett med potte, jord og plante)! Tilpasset ulik form og diameter på potter. Justerbar høyde. Enkel låsefunksjon holder jord og plante stabilt og på plass under transport. Massivpapp(innlegg) tåler fukt fra jord/planter. Solid/stabil eske.

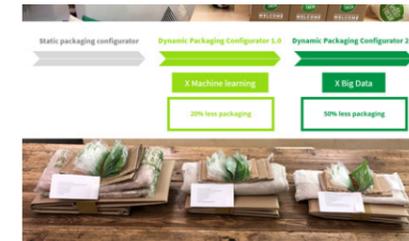
Optimert eske/pakkeeffektiv løsning, plassbesparende på lager(standardisert/tilpasset for ulik form/diameter/høyde på produkt). Transportoptimert iltht volum/vekt/lite luft, produktbeskyttelse og kostnader. Emballasjen=3 deler, én todelt yttereske i bølgepapp og ett innlegg i massivpapp. Innlegg “monteres” rundt pottplanten, innlegg/plante tres ned i bunndel/ytteremballasje, låsefliser låser innlegg/potte til eske. Toppdel/ytteremballasje tres over(tapes i ønsket høyde).

GALERIE DU THÉ

Company: Fiala & Sebek - Visual Communications a.s.
Country: Czech Republic

An exclusive and sustainable packaging for ultra-premium teas targeted at the most discerning clientele in China and the Gulf countries. A wow-effective unboxing and the current minimalistic trend supports the luxurious brand image. Through the inner communicating layers, the customer is emotionally engaged into the tea story even before tasting.

The primary packaging consists of an aluminium resealable container or stabilobag with structured hand-made paper labels and a microembossed ribbon. A maximum of three pantone colours are employed, accompanied by bronze hot stamping. The solid secondary packaging uses kraft microcardboard. The exclusivity in a sustainable form.



Dynamic Packaging Configuration (DPC)

Company: HelloFresh
Country: Germany

Dynamic Packaging Configuration is a digital tool that bundles data points from production, procurement, and logistics, then calculates and assigns the optimal packaging, specific to the customers' unique orders, saving considerable amounts of raw material and reducing emissions in the delivery process. DPC has won the German Packaging Award 2021.

Through analyzing packaging size and volume utilization rates we identified that we sometimes ship too much air. This drove HelloFresh to move from our old model of effectively static to fully dynamic and flexible packaging configuration. The DPC calculates and assigns the best fitting transport packaging accommodating different ingredient's volumetric.

ILOHAS Natural Mineral Water Label-Free PET Bottle

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Country: Japan

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Cross-shaped Packaging for E-commerce segment “TwistMailer”

Company: Mondi Bupak s.r.o.
Country: Czech Republic

Clever use of wave orientation and two hotmelt strips means that this packaging is immediately ready to be filled and can secure contents without any fixing materials. Variable in height, it is easy to pack and takes up little storage space, offering protection during transportation and overall improved efficiency.

Made from fully recyclable corrugated board, this packaging replaces polyethylene bags, PE bubble-lined envelopes, and smaller F0201 used in e-commerce. Constructed without gluing, it ships less air so is cost-effective and is printable, with zipper or tear tape openings. It is already used by one of Europe's largest e-commerce retailers.



Soap packaging

Company: Mondi Bad Rappenau GmbH
Country: Germany

This packaging solution for consumer beauty products is a perfect all-rounder. Our customers benefit from easy handling, certified quality and great appearance. Additional outer packaging for shipping is unnecessary, and the well-thought out dimensions of the design easily fit through a letterbox, meaning the end user's unpacking experience begins immediately.

Our soap packaging has two parts, constructed and filled by the packaging supplier without glue or complicated machines. Secure in transit, certified as “Frustration Free Packaging (SIOC)” and verified by ISTA6 testing, no additional shipping packaging is required. With 100% FSC-certified printable paper, it delivers quality presentation to the door.



Edrington

Company: Smurfit Kappa
Country: Mexico

This pack is a winner because the design is a highly resistant and versatile packaging solution, which used only 100% recyclable cardboard was developed. Even in a delivery chain as complex as E-commerce, the use of plastic elements to protect the product was dismissed.

The solution was a corrugated packaging designed to contain 2 different sizes of product ("The Macallan 12" and "The Macallan 18"). We also planned for some modifications to occur during its assembly: cutting guides were placed to indicate where the modification of the packaging had to be made.



Jardim Botânico Gin

Company: Smurfit Kappa do Brasil Indústria de Embalagens S.A
Country: Brazil

Because it is a sustainable packaging solution, made in corrugated cardboard, which combines unboxing experience, protection and a differentiated design, which presents the primary product as if it were a jewel in its packaging. In addition, the project also enabled national sales through e-commerce

The primary product used to suffer damage and even broke during transport, which caused damage to the customer and to the customer's brand. The solution – was produced with an internal accessory that, while protecting the product, also leaves the bottle exposed as if it were a jewel.

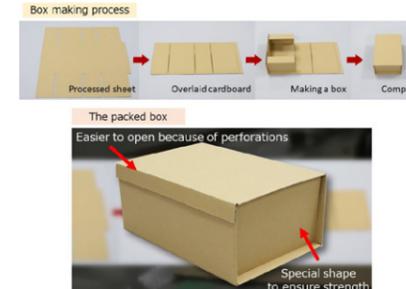


X-FOLD BOX

Company: Mondi Warszawa Sp.z o.o.
Country: Poland

making e-commerce shipping simple; efficient use of material and speed of packing; one-piece bottom and lid design offer a more premium brand feel and customer experience than standard boxes; pre-glued to allow quick pull-up; delivered flat; smart locking system; strong side walls; closure and opening tapes; anti-theft protection; inside messaging without additional costs; 100% Renewable and Recyclable material.

Can X-FOLD design offer the quick set up like a box with 4 or 6 gluing points? Mondi's team of e-commerce packaging designers looked into this together with their customer LPP and created a smart 2 point glued solution that does the trick.



Optimized packaging for shipping boxes using the automatic packaging system "Carton Wrap"

Company: Sagawa Global Logistics Co., Ltd. ALTECH Co., Ltd. Oji Container Co., Ltd. Oji Holdings Corporation
Country: Japan

The automatic packaging machine "Carton Wrap" can automatically pack to a box of perfect fit according to a product. Automating packaging works with this machine enabled 70% labor savings. Packing in a box of the perfect fit also reduced material usage by 22% and truck delivery volume by 33%.

The packed box has a special shape on the side to ensure its strength. By creating a box of the perfect fit each time, the burden of inventory management works for various types of boxes can be reduced.

Shipping box with return function without glue

Company: Rondo Ganahl AG
Country: Austria

This box is created for the mail order business. In case of return sendings, the consumer don't have an appropriate packaging, because in most cases the original box is destroyed. With this construction it is possible to use the same box without using gluing an tapes.

This is a ship box with inbuilt return function. The seller close the package without using gluing and tapes. The recipient can open the box easily by a defined perforation. The consumer can return with the same box because the inside flap has the same function as the outside flap.



NZ Post and Sealed Air for Jiffy® Recycled Shurtuff

Company: Sealed Air
Country: Australia & New Zealand

Sealed Air's Jiffy Recycled Shurtuff Mailers not only safeguards the millions of NZ Post e-commerce deliveries, but responds to consumer's sentiment for sustainable packaging, all while satisfying 2025 National packaging targets. It is made from LDPE and comprises 80% recycled content, and recyclable through soft plastics collection programs across ANZ.

This mailer is proudly made in New Zealand by recovering processing scrap generated during the manufacture of cheese and dairy powder packaging and from pharmaceutical packaging. This mailer performs equally to a mailer produced using virgin resin.



BeeeerBox

Company: Smurfit Kappa
Country: Czech Republic

The family brewery Zichovec expanded to Europe and needed safe packaging. The original didn't meet high demands for the glass bottles protection. We've developed BeeeerBox with a one-piece insert for 3 bottles. Thanks to the deformation zones, the insert perfectly protects each bottle separately. But the packaging is universal, designed also for cans.

The full package can hold 12 bottles or 24 cans. BeeeerBox has passed the carrier's drop tests and withstands demanding transport across Europe. Thanks to BeeeerBox the packaging & transport costs have fallen by 40% and the customer experience has significantly improved. Premium beer finally has a premium packaging.



Babbit

Company: Stora Enso
Country: Latvia

This winning package demonstrates that with accurate engineering and thoughtful design it is possible to use sustainable materials to give an engaging unboxing experience, ensure safe transportation, and comfortable carrying of the product all in one package and still compliment the aesthetic look of the product.

Babbit is an innovative Hi-Fi Spotify speaker for children. The main focus for the packaging is to add extra value - achieve unique packaging that gives an adventurous opening experience, protects the product, is comfortable to carry, and uses fully renewable and recyclable materials to reach the highest sustainability goals.



Greyder V

Company: Tasarist
Country: Turkey

Greyder V differs in terms of visuality and usefulness. The V-shaped design attracts the attention of the consumer immediately while scrolling through images. The package can be used not only for carrying but also as a storage unit for shoes. It is consumer-oriented and modern. Also, it reduces plastic use.

This design offers both practical portability and creative storage. You may use Greyder V for storing shoes properly wherever you want without getting any damage. The package is created with good craft and quality materials to ensure it serves as a storage unit for a long period of time.



Cushioning Material Integrated Tray for Smart Cubes

Company: Daikin Industries, Ltd. & Rengo Co., Ltd.
Country: Japan

The packaging for Smart Cube, an automatic air volume control unit, was developed to reduce the number of packaging components with consideration for workability and environmental impact.

The features are: (1) all-corrugated packaging created by assembling and fitting, (2) one-piece structure for both the tray and cushioning, and (3) a unified tray design applicable to both the top and bottom with a single assembling method for simplified work.



Telstra Packaging Design System

Company: Birdstone Collective
Country: Australia & New Zealand

Birdstone designed a consistent, engaging packaging portfolio that reflects Telstra's premium brand positioning and ambitious environmental strategy. Paramount to the project was creating a positive brand experience for consumers receiving a new device. The importance of sustainability to both Telstra and their customers became the cornerstone of all design development.

Our solution blends refined brand elements with sophisticated structural design to create a consistent packaging suite that can be executed by multiple suppliers. Bespoke structural designs achieve a significant reduction in packaging materials and plastics, positioning Telstra as a sustainable design leader and saving hundreds of tonnes in packaging annually.



Lighting track multipack

Company: Stora Enso Packaging Oy
Country: Finland

Optimized mono-material packaging for transporting fragile products, visible surfaces of the lighting tracks are easily scratched and/or polished during transportation. The packaging is user-friendly in packing/ unpacking and simple to recycle. Streamlined packaging process compared to the old packaging concept.

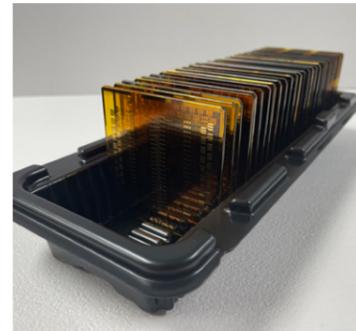
Flexible and easy to use solution based on renewable and recyclable materials, there is no need for previously used plastic film. The packaging concept can be easily adjusted to different lighting track lengths (1,2 – 4,0 meters).

Semi Conductor Sustainable Packaging Solution

Company: DS Smith Packaging Hungary Kft
Country: Hungary

We have developed 100% recyclable, size and material optimized packaging solution that harmonizing with a wide range of semiconductor products of Infineon Technologies. The challenge was to unify the packaging for approx. 600 product types, replace the inefficient manual packaging process and design out problem plastic & waste for sustainability

Our innovated construction fits into automated lines (assemble, packing, labelling, palletizing), totally protects products from the mechanical and electrical discharge, however user-friendly. It has reduced weight (yearly 96tons) which helps to minimize CO2 emission and provides logistics optimization (cca. 25% less pallet/year) resulting in material cost saving of 56% yearly.



Medtronic Electronic Transportation & Automation Tote

Company: Prent Corporation
Country: USA

An elegant solution to an outdated tote with one single asymmetrical part that, when reflected onto itself, is snapped into place, safety housing the fragile glass components. Utilizing tight fitting radii and challenging drafts, the tote provides sufficient protection and integrates seamlessly into the customer's automation process.

The design decreased the footprint of its predecessor by 31% and overall package weight by nearly 700%. By providing the customer with a more efficient tote, that is both lighter and smaller, the economic and environmental impact is profound.

LONG LIFE BOX

Company: Unipap a.s.
Country: Czech Republic

LONG LIFE BOX is complex packaging series for variable usage. The package is made of corrugated board and water-resistant surface application. This is enabled with using unique water basis impregnation „FLEX W26“, that long termly keeps its mechanical/physical properties when exposing package to higher humidity or rain.

It support global strive for usage even recycled packaging instead of primer fiber papers (kraftliners). In addition, box offers simple use/cubing because of automatic bottom assembly and is mounted with self-adhesive stripe for box closure.



Sony's Original Blended Material : WF-1000XM4 Package

Company: Sony Group Corporation
Country: Japan

Every packaging component, from the outer box and sleeve to the protective paper, is made entirely from our "Original Blended Material," sourced from durable, recyclable plant-based materials. Its environmentally conscious nature is indicated to encourage customers to recycle the packaging and promote the circulation of recycled materials.

"Original Blended Material" comprises excess short-growth-cycle bamboo and sugarcane fibers, and post-consumer recycled paper collected from markets local to the material manufacturing plants. We have accomplished the perfect blend between environmentally conscious design and outstanding tactile quality through careful screening and identification of material production sites.



Multilume Re:Think

Company: Smurfit Kappa Sweden
Country: Sweden

New idea and a new application where the packaging board is a part of the product - all in one solution. Good engineering and good product development where packaging adds usability. Lots of benefits compared to the old solution. Climate impact reduced by 83% and transports reduced by 30%.

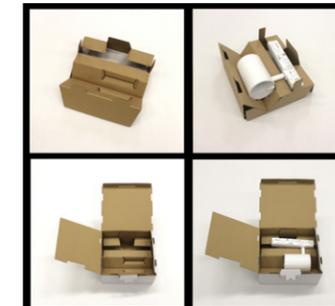
We managed to replace metal, plastic and styrofoam that were used previously but at the same time fulfill the same standards as plastic material is tested against today. By lowering weight and volume in the product resulted in more optimized transports and easier installation.

Reasonable Compact Packaging not to Forget to Take Accessories

Company: TOTO LTD.
Country: Japan

This packaging is for transporting electronic bidet. The packaging is designed to enhance product protection according to the tendency of damage and therefore space is created. The packaging uses that space to pack accessories. The accessory box is hidden but it won't be forgotten because it integrated with the product.

If the accessory is not noticed, it will be discarded. By preventing accidental disposal, we eliminate wasted time and packaging materials, and do not cause any inconvenience to our customers. When the partition is pulled up, accessories appear, and deform the product shape so it is easy to take out.



THINKING insert

Company: Smurfit Kappa
Country: Slovakia

Thanks to the appeal for the simplicity of the insert, the packaging with simple geometry supported by function enable to pack the product within 60 seconds. The triangular shape of the design indicates the folding process. Packaging is environmental friendly respecting the optimal packaging cost, insert does not require gluing.

The insert is used for a set of lamps with a variable combination of 4 control units packed in a same packaging, instead of 4 kind of packaging for 4 kind of products was developed 1 common packaging only. The new solution 100% protect the product out of damage.

FOOD

100% Recyclable Standup Pouch with Spout and High Barrier

Company: SB Packaging Pvt. Ltd.
Country: India

SupraPulp™ is an eco-friendly cost-effective replacement for plastic packaging. It is a compostable, non-coated food packaging solution.

SupraPulp™ is a paper base formed packaging that can be used for hot, wet, and greasy foods. It will not leak nor absorb liquids and oils. Resistant for temperature variation.

SupraPulp™ is a Non-compromise replacement for plastic packaging. It is a compostable from renewable sources. It is made out of the waste of renewable resources. You can heat food in SupraPulp™ in up to 270°c and freeze it in as low as -40°c. It can be top-sealed.





non-profit organization, founded in 1996, which brought together manufacturers and consumers of packaging materials and equipment, containers and packaging in Ukraine.

PARTICIPES – manufacturers of polymer, metal, glass and cardboard packaging, machine-building enterprises, universities and research institutes, advertising, publishing and commercial firms, exhibition centers.

MISSION – unite manufacturers and consumers of packaging to solve strategic and urgent problems of development of the packaging industry of Ukraine.

TARGET – through various information activities to provide representatives of the packaging industry with informational materials to increase the production and export of modern, high-quality packaging.



Member of the World Packaging Organization (WPO) since 1998

ACTIVITY:

- holding conferences, symposiums, seminars, discussion panel, business meetings;
- providing information on equipment, packaging, materials and their manufacturers;
- training, retraining and internship of specialists in the field of packaging;
- publication of special literature, catalogues and magazine «Packaging»;
- conducting marketing, consulting and analytical research;
- international cooperation.



The main Ukrainian Packaging event



24 competition 288 companies 2760 entries 433 winners **since 1997**

TARGET - development of innovations, technologies and packaging design

PaperSeal® Trays

Company: Graphic Packaging International Spain, S.A.U.
Country: Spain

The PaperSeal® tray offers the opportunity to replace high barrier MAP, VSP and top seal plastic trays with a barrier-lined cartonboard alternative. Made from renewable fibre sourced from sustainably-managed forests, PaperSeal reduces plastic by 80-90% versus traditional trays. Easy separation of film liner from cartonboard promotes easy recycling of the cartonboard.

PaperSeal's unique, reinforced, continuous sealing flange ensures seal integrity equal to traditional plastic trays, giving equivalent shelf life. The available range of liners and boards offer solutions for a wide range of products including fresh & processed meat, sliced cheeses, ready-meals, frozen foods, snacks, salad and fruit.



Doy-pack with transparent window for aggressive ingredients

Company: Club Packagers of Ukraine / Limited Liability Company ISPE Aris Ltd
Country: Ukraine

The specific features of this bag are in the unique selection of the materials and options to fit the product with aggressive properties (in this case, black pepper). Technologists found the materials that would allow for a transparent window and long shelf life.

The top layer of the bag is made of white paper and decorated with flexographic printing showing dark wood texture. The euro slot is punched so that the product can be conveniently located in a retail store.

Re-using MAKIBANOASA Yogurt packaging trays as for paper crafts

Company: MEGMILK SNOW BRAND Co.,Ltd.
Country: Japan

We planned "TSUKUTTE ASOBO!" project in order to provide continuous fun to consumer by re-using paper craft which is used for our "MAKIBANOASA Yogurt" product. Consumer, especially kids, can play with paper craft by cutting or displaying even after consumed, and can befriend with the product.

This project is that only put 27 kinds of cow and other characters drawn on the product on the square farm tray, so that easy to play by kids. We want to implement customer satisfaction, promotion of dairy farming, and effective use of resources through this project.



Special design of inner seal point



Upper lid can be opened with your thumb easily



Great Liquid Cut



Easy-to-Segregate for Recycling

New Type Nozzle Cap (PSH007)

Company: MIKASA INDUSTRY CO., LTD.
MIKASA (THAILAND) CO., LTD.
Country: Thailand

First, This cap have special design of inner seal point. It can protect and maintain quality of contents without induction seal or inner plug cap because of the special design of inner seal point. Second, This original cap is designed as can be segregated from PET bottle for easily recycling.

Moreover, This original cap is designed as can be segregated from PET bottle for easily recycling.

Squeezepak™ Sauce Bottle with 100% Recycled Food Grade Plastics

Company: Wellman Packaging
Country: Australia & New Zealand

Squeezepak™ is a fully recycled squeezey LDPE condiment bottle made with 100% food grade recycled plastic delivering ~12% better top load for ~8% resin use reduction, a 50% reduction in pigment, ~10% more brimful volume, 7% larger label panel and improved hotfill performance via an optimised base punt design.

Circular economy design objectives including 2025 Targets have been fully met. Recycled resin is locally sourced and contact-clear translucent bottles are possible which together with ARL labelling and development of bottle specific identification & recovery program (being formulated) will lead to increased resin recovery rates toward a closed loop system.





“Pure-select® Mayonnaise” Fresh Keep Bottle

Company: Ajinomoto Co., Inc.
Country: Japan

“Pure-select® Mayonnaise” Fresh Keep Bottle features a check valve mounted inside the cap to prevent air from flowing into the bottle during use. This allows customers to enjoy the taste of fresh mayonnaise anytime from start to end.

The design of the bottle is stylish with white and gold as the base colors. It is surely catch people’s eyes at the store and creates a fun dining table. The outer box is a shelf-ready-packaging that can be unpacked with only 2 actions and can save the display time at the store.

Karlo Spoon

Company: Cardbox Packaging
Country: Czech Republic

Karlo Spoon, being made of pure cardboard with water-based coating, earns a high eco-friendly profile resulting in a sustainable packaging solution mainly for dairy and convenience food on the go. The spoon is easy to assemble, attach to the product, or even insert into the lid.

Due to the ban on disposable plastic cutlery in the EU from 2021-2022, the spoon is an innovative and ecological alternative, even after printing and coating. One of the other advantages of the Karlo Spoon, lies in the printing possibilities, which creates an essential message to consumers.



100% Recyclable Packaging for Tuna

Company: Overdime Exports (Pvt) Ltd (A member of the Polydime Group)
Country: Sri Lanka

The pack is 100% recyclable under PE4 streams, uses almost 9% less plastic compared to regular pack which saves cost and no environmental impact, better, sharper print quality for high intensity tones is possible with print, improved stiffness and high clarity for better product viewing and no compromise on seal.

The regular material blend that is used is a laminate consisting of 12 Micron Polyester with 80 Micron Polyethylene film which was replaced with a 25 Micro special Oriented Polyethylene laminated with 60 Micron regular Polyethylene film. This made the material structure 100% recyclable under PE4 recycle stream maintaining same properties as per original.

Mondi’s WalletPack protects food and the environment by preventing food spoilage and improving recyclability

Company: Mondi Consumer Packaging GmbH and Bell Deutschland GmbH & Co. KG
Country: Austria

Bell Germany approached Mondi to make its packaging for the “Abraham” range more sustainable. It needed to be better for the environment, while protecting the food and representing the Abraham brand on the shelves.

Mondi’s WalletPack is a recyclable mono-material solution that replaces a non-recyclable multi-material plastic. The high barrier material protects food and the environment by preventing food spoilage and improving recyclability in perfect compliance with existing recycling guidelines.



MOM apple squeezies produced with cera2seal

Company: watttron GmbH
Country: Germany

Our pack is a winner because with our sealing system we enable the sealing of mono-material pouches and spouted pouches in one step. This means less sealing bars, which reduces the total machine footprint and without loss of productivity. With our digital technology, the industry can reduce waste and save energy.

Different materials and material structures will need to be adopted and along with them new packaging technologies. Using mono-materials is the obvious solution. Such materials have a very small processing window. Our technology generates absolute constant temperatures and therefore enables the processing of this sustainable recyclable mono-material.

Clear answer to the ban on disposable plastic cutlery in the EU: Sustainable packaging solution mainly for dairy and convenience food on the go. Advantageous for powdery mixtures as well.

KARLO SPOON winner of innovation



The spoon is an innovative and ecological alternative, even after printing and coating. One of the other advantages of the Karlo Spoon, lies in the printing possibilities, which makes an essential message to consumers.



Discover more:





Alu-free retort & microwave-safe easy peel lid
 Company: Huhtamaki India Ltd. Joint entry with Tata Smartfoodz Pvt. Ltd.
 Country: India

Adding new dimension to convenience in the RTE foods category, this lidding is designed with AIOx PET, Nylon, retort-grade peelable CPP. Offers aluminum-free lidding with combination of retort & microwave compatibility along with easy peel. It's engineered with materials making it suitable for retorting, microwaving and hot water baths.

The lid dually balances seal integrity with an easy peel function for added consumer convenience, ensures preservation of product taste, texture, aroma, shelf-life of 12 months in ambient temperature conditions with required barrier properties. In terms of aesthetics, the lid features branding with good print quality, despite tough process conditions.

SimpliCycle Recyclable Valve

Company: AptarGroup, Inc.
 Country: USA

SimpliCycle™ is a fully recyclable valve for food, beverage, and food service packaging. Providing a breakthrough solution for recyclability with PET, PE, or PP containers. SimpliCycle delivers the best consumer dispensing experience by matching viscosity and dosing needs of product with the appropriate valve size and slit configuration.

Compatible with a range of food including acidic and oil-based products, like ketchup and mayonnaise. SimpliCycle provides maximum flow control and clean dispensing to ensure consumers get precise amounts of product, when and where they want it – avoiding drips, leaks, or spills; the closure remains hygienic throughout the package's life.



Coconut Paste Bottoms Up Pouch

Company: Huhtamaki India Ltd.
 Country: India

This packs serve as a light-weight, mess-free & sustainable alternative to rigid bottles. It features an inverted format with disruptive shelf-appeal. The flat and inverted pouch closure offers superior dispensing performance with stand-up stability. The pouch is reclosable with convenient flip top lid, built in pull ring for tamper evidence.

It is printed with HP Indigo digital press, achieves complex colors and metallic look without metallic inks. It improves the eco – impact of packaging through reduction in material, energy, water usage and green house gas emissions. Overall the pouch invites an ecofriendly and trendy shift.

KitKat Celebreat Glow in Dark Pack

Company: Huhtamaki India Ltd. Joint entry with Nestle India.
 Country: India

The pack introduces creativity in integrating glow in dark experiences. It features two unique printed messages, one read in the light while switching to a glowing surprise message in the dark! Critical challenges of print registration, compatibility of different ink systems, food safety were successfully overcome with technical excellence.

The intention was to spread smiles and refresh consumers' perspectives about staying optimistic in new normal times. For example, 'Remember To Make Someone Smile' switches to 'Remember To Smile' or 'You Are Here For The Celebration' turns into 'You Are The Celeb'.



Sundae cup and lid

Company: Huhtamaki joint entry with McDonald's and HAVI
 Country: Finland

This is a specifically engineered Sundae Cup & Lid that we developed in partnership with Havi for McDonald's. The product is made from 100% wood fiber, without any plastic additives and has been formulated for use with ice cream and a broad of sauces and toppings.

The product needed to be engineered to very high-performance tolerance, demonstrate superior functionality and organoleptic properties while providing consumers with a highly evolved level of sensory perception in use. We see this product not only as a 'good replacement for plastic', but as a fantastic sustainable design and beautiful packaging.

Nishimura's Bolo with a Coloring Party Hat for Children's Day

Company: Rengo Co., Ltd. Nishimura Eisei Boro Honpo Co., Ltd.
 Country: Japan

This is a small, special package of cookies with koinobori (carp-shaped streamers) motif used during "Tango no sekku," the traditional day to pray for the growth of children. As a day for children, we added a mechanism to the package so that children can better enjoy this day.

The mechanism turns the protective package into a party hat which can be colored. In addition, we sought to generate buzz on social media with this «hat» that encourages customers to take photos of children.



Breath Care 25 Capsules (New design for eco)

Company: KOBAYASHI Pharmaceutical Co.,Ltd.
 HONDAPLUS Co.,Ltd.
 Country: Japan

The hinge cap is easy-to-open and the body has a curved line for easy grasping for all consumers. The desiccant is mixed in the cap itself, reduces the number of parts, which has lowered the total plastic weight 30 percent. As a result, it also led to a reduction in manufacturing costs.

Furthermore, the bottle resin is a bio-based PET derived from sugar cane, which is hard to break and reduces the environmental load.

Flavors of the World

Company: Werner Kenkel Sp. z o.o.
 Country: Poland

Flavors of the World - a spice box. All the elements form a coherent vision - an old spice box with pouches imitating banana leaf. Due to the division of spices into world cuisines, you can easily find the one you are looking for.

All of the spice sachet are packaged separately and additionally, the pouches have holes that enable them to be hung in different places. All elements are eco-friendly: made of cardboard and solid cardboard as well as digital print.



Fermented food packaging pouch

Company: CJ CHEILJEDANG
 Country: South Korea

Kimchi releases gas as it ferments, and large-capacity products are tied with cable ties and clips to control gas. The developed pouch has the following characteristics.

- 1) Stable gas emissions through maze gas emission structure.
- 2) Removing cable ties and clips reduces plastic usage and facilitates recycling.
- 3) Reduce plastic usage (15%□) by optimizing the pouch size.
- 4) Improving consumer handling by processing the two-ball handle .
- 5) To prevent problems with sealing quality according to kimchi soup and red pepper powder, make two entrances in the pouch, one for maze processing, and the other for kimchi

Freshmark Beetroot Barrier Tub 400g

Company: Shoprite Group & Polyoak Packaging
 Country: South Africa

South Africa's first ambient beetroot product in a plastic tub. This lightweight tub with in-mould label for oxygen barrier protection, delivers environmental and convenience advantages over traditional formats. The mono-material polypropylene tub is fully recyclable, and nests compactly for efficient transportation. Specially designed for re-use, with lids that re-closes securely.





Promotional Extended CODEX Label® with Christmas recipes

Company: CODEX Zrt.
Country: Hungary

This booklet label was developed for a food industry customer's holiday campaign, and the label was placed to a 1 kg flour bag. Thanks to its' fold-out leaflet part, many recipes could be enclosed to the packaging which were all related to different types of flour sold by our customer.

By using a fold-out booklet label for the holiday campaign, there was no need for changing the existing bag design, and also, more recipe ideas could be given to the end-users. In accordance with the Christmas atmosphere, the leaflet part is hot stamped with gold foil.

Getkrackin Bottle Profiled Pouch

Company: ITC Limited,
Country: India

The unique feature of the Getkrackin beer bottle shaped pouch is its peculiar shape which blends with the theme of the product, thus easily self-branding to consumers. The design has brought up a reality of the bottle shape and matte effect along with the perfectly registered glossy-finish enhances product branding.

The Getkrackin beer bottle shaped pouch, which is being served with beer as a freebee snacks, is developed with an ideology to provide appealing-aesthetics, innovative structural design, easy-to-use and protective laminate structure. Tear-notch provided at the neck of the bottle pouch serves the purpose of easy accessibility to the product.



kp Zapora™

Company:Klockner Pentaplast (kp)
Country: United Kingdom

kp Zapora™ is an innovative padless tray technology, uniquely designed and developed to remove the need for absorbent pads in plastic packaging for fresh protein. The features in the base of the tray capture and retain the liquid, which you can easily rinse out and recycle to close the loop.

kp Zapora™ was created with a vision to satisfy market demand for more sustainable packaging with a mono PET material for protein packers globally. The target audience includes a wide range of customers – retailers, brand owners and packing processors.

Xinhui tangerine peel aged 15 years

Company: Bama Tea Co.,Ltd./Qiu Baohui Yue Ying
Country: China

Combine the characteristics of tangerine peel with traditional culture. The inner pot adopts a unique "gourd" shape design, "gourd" in China has a good meaning. Special material technology and unique use of box type, so that the packaging conveys the characteristics of products, traditional culture and precious value.

The jar has two parts for storing whole and broken orange peel respectively. The texture and color of the jar mimic the aging effect of «tangerine peel» to express the feeling of age. On the outer box, the embossing process is carried out with the theme pattern of «Tangerine Peel».



Boardio® - The recyclable paper bottle for confectionery

Company:Graphic Packaging International in cooperation with Perfetti Van Melle
Country: Sweden

Boardio® is the new sustainable choice replacing tin cans, plastic tubs etc. Mentos Pure Fresh Gum is first in the gum category from a major global confectioner in a 90% paperboard bottle. The easy-to-use container offers 86% lowered CO2 footprint, 83% less plastics and verified recyclability in well-established paper stream.

Consumer preference for paper and circularity targets for plastic reduction drive switch to Boardio®. Containing 90% fiber from sustainably managed forests, consumers appreciate Boardio®'s easy-opening, dispensing and reclosure. All pack components delivered flat to point-of-filling saves up to 95% transportation and warehousing. Different shapes and sizes provide flexibility and eye-catching.



GAEA Mono-material Olives Snack Pack

Company: A.HATZOPOULOS S.A.
Country: Greece

GAEA has partnered with Hatzopoulos for the launch of its first recyclable mono-material olives pack for Europe. The previously conventional packaging was completely redesigned to meet the guidelines for recycling, while it maintains its high-barrier properties. The mono-material, all-PP packs are certified by Interseroh and carry the "Made for Recycling" mark.

HATZOPOULOS has created a unique packaging solution, which meets very specific customer needs and overcomes a number of challenges: high barrier properties for the olives' freshness preservation, high-performance during packaging at high-speed rates, excellent shelf-appeal for the stand-up pouch, customer convenience with reclosable packaging, design for recycling, and recyclability certification.



hvb HiPack

Company: hvb Innova AG
Country: Switzerland

The packaging allows partial removal of the contents and reclosing of the packaging. It offers easy and protected transport of the product and leaves the product in a hygienically perfect condition, as unwanted access to the product is no longer possible.

The presentation of the product in the shop is optimal because the packaging can also be hung up. The lid construction is designed so that light, dry products can be presented vertically or suspended through the lid with Euro hole. The base construction can be made liquid-tight, among other things.

Sustainable Packaging for Fresh Fish

Company: Smurfit Kappa Norway
Country: Norway

Clever design and shape as it has been optimized not only for the fish but also the pallet size. It is replacing the former EPS solution and it saves room when it can be transported flat. Rigid packaging keeps the ice and fish stable during. Can be recycled after usage.

The packaging ensures a good cold chain but also shows the product in a good way. Opportunity to strengthen the brand's sustainability profile all the way during transport, handling and warehousing. Has been developed to meet the requirements of the long transport from Norway to exclusive restaurants in Southern Europe.



FlatMap®

FlatMap®

Company: SEALPAC
Country: Netherlands



FlatMap® is the most sustainable packaging solution for sliced food products under modified atmosphere. It allows for the separation of its components after use, therefore enabling full recyclability. In addition, FlatMap® offers plenty of space for communication and branding. Its striking look guarantees maximum attention of food products at retail.

With FlatMap®, sliced products are placed on a flat cardboard carrier. This carrier is coated with a thin protective layer, which provides stability, as well as a reliable barrier against fat, moisture and oxygen. The products are securely sealed under modified atmosphere by means of a thin, reclosable lidding film.

KULAOTHONG TAKBAI by Mae pan

Company: Yod corporation Co.,Ltd.
Country: Thailand

This packaging passes on the wisdom of preparing threadfin fish through the upside-down drying technique, which is unique to Tak Bai people in Narathiwat. The fish drying, baking, kneading, and fermenting with tasty salt from Malay Peninsula's final salt source illustrated in the fish keeps the fish preparation tradition alive.

Tak Bai is a province in the south of Thailand. The land of tasty salt from the Malay Peninsula final salt. And this packaging is intended to convey the taste of civilization from the 3 rivers of the South Seas.



A win for PakPot. A win for the environment.

Recycling a yoghurt container with a shrink-sleeve label requires conscious effort from a consumer. They must separate the label from the tub, dispose of the label and then recycle the tub. Sounds easy yes, but it's one step too many for most.

Inspired by a desire to develop sustainable packaging and reduce the impact of waste ending up in landfill, Adelaide-based company PakPot designed a process to allow an IML label to behave like a shrink-sleeve.

Now, both tub and IML label are produced from the one material (polypropylene) creating a mono-material pack. PakPot developed a technique to inlay the label into the mold using IML process, adhering the label to the tub creating the mono-pack.

Because the finished product now eliminates the need for the consumer's input to separate/peel away the label from the tub, the new pack can simply be recycled without intervention. A pack becomes truly sustainable when it is made to be 100% sortable and therefore 100% recyclable.

The Chobani tub was awarded the Worldstar 2022 Award.

Which is a win for PakPot and indeed the environment.



**WORLDSTAR
WINNER 2022**



The Collective 100% rPET Drinking Yoghurt Bottle

Company: Pact Group
Country: Australia & New Zealand

Pact Group worked with The Collective, to launch the first yoghurt bottle in New Zealand that incorporates 100% PCR base resin rPET in its packaging. The Collective's 700ml drinkable yoghurt bottle range (across 5 SKU's) are now made from 100% PCR base food grade rPET.

By using 100% base resin rPET and light weighting by 27%, 34.5 Tonnes of virgin PET will be saved and 25.12 Tonnes of PCR repurposed per annum. A PIQET revealed that transitioning resulted in: Saving 98.26 tonnes of CO2 emissions pa Savings of 3,364,610 litres of water Savings of 19.97 tonnes of solid waste pa

Toro Albalá Bodegas Balsamic

Company: Durero Packaging - Autajon Group
Country: Spain

The design come up with an opening fan system, composed by 4 self-assembling pieces easy to assemble to optimize its manufacture. The dramatic effect of the outer packaging fanning out to reveal the bottle inside and the interior finish in copper, enhances the high quality throughout the product.

Following the spirit of the balsamic vinegar roots, this premium pack was originally designed to evoke the blooming carnations native to the city of Córdoba. The effect is accentuated by embossing and matt black varnish on the outside of the pack which mirrors the opening of flowers petals.



Chobani (PakPot) 170g Yoghurt Cup

Company: PakPot Pty Ltd
Country: Australia & New Zealand

The Chobani Yoghurt Tub is not only sustainably designed but also incorporates patented design and injected/IML process (using PakPot's unique tooling) to mould the label like a shrink-sleeve. The tub and IML are produced from a mono-material (PP). The pack is lighter, 100% sortable and recyclable ensuring true sustainable design. The new design reduces multiple processes into one, delivering a much smaller carbon footprint, and the consumer now simply recycles a single item (mono-pack) instead of having to separate sleeve from the tub. The new IML product increases filling line performance and can link to the Holy Grail 2.0 technology.



Kerbside Recyclable High Barrier Stand Up Pouches for Brookfarm Muesli.

Company: O F Packaging
Country: Australia & New Zealand

Using a specialty label that allows the 100% high barrier PE pouch to change shape at end of life, this is the first ever pouch packaging in Australia (and perhaps the world!) that can be put in mixed recycling and be sorted through a mechanical recycling process.

This pack replaced Brookfarm's current metalised structure for 100% recyclability. With the addition of a specialty "Roll 'n' Recycle" label, this pouch avoids issues with flexible packaging disposal through the standard recycling collection, by creating a semi-rigid, 2D shape that goes into the rigid plastics stream at the facility.



Smarties plastic free - 250 million non-recyclable plastic packs removed!

Company: Nestlé SA
Country: United Kingdom

The SMARTIES game changer to move away from plastic...SMARTIES the worlds first confectionery brand to move from Plastic to recyclable Paper packaging. Removing 250 million non-recyclable plastic packs, bringing to life our purpose to enhance quality of life and contribute to a healthier future for all.

The new SMARTIES range replaces 250 million plastic packs annually with barrier papers, labels and carton board, this equates to a massive 400 metric tonnes of plastic packaging removal! See the journey https://youtu.be/9_KqwnfHBM and with one of our many partners that helped realise the challenge <https://youtu.be/Bejo1CKsxXU>



Woolworths PaperSeal® Meat Tray

Company: Woolworths Food Company (Woolworths Group)
Country: Australia & New Zealand

Woolworths moved a specialty range of grass fed beef to sustainably-sourced, fibre-based, kerbside-recyclable meat tray packaging with the most innovative consumer education on-pack of any packaging in the region. The entire back of the tray incorporates consumer awareness and informative Australasian Recycling Labelling (ARL) communication.

The new paper tray format utilises a unique technology that incorporates an intuitive design of an easily peelable top film and bottom film to facilitate better recyclability. The new design has also been lightweighted by 9.7 grams per tray and uses 75% less plastic versus the previous packaging format.



Junee Prime Lamb and Sealed Air for CRYOVAC brand Total Bone Guard

Company: Sealed Air
Country: Australia & New Zealand

Cryovac brand Total Bone Guard (TBG) safeguards high value bone-in proteins by protecting against physical damage and product spoilage. Bone guard protection is positioned where protection against puncture and abrasion is needed most, and enables a chilled shelf life of 90 days. For local or export markets, TBG saves food.

Instead of increasing the gauge of the entire bag to protect against puncture and abrasion, the 150um bone guard patch is placed over sharp bones, where risk of puncture is high. TBG eliminated waste and solved Junee Prime Lambs food waste challenges associated with packaging and distributing its bone-in products.



rPET school milk cup: fully recyclable cup made from recycled material

Company: PET-MAN, Starlinger viscotec, Greiner Packaging, Schulmilchbauern Oberösterreich
Country: Austria

Three companies (recycling technology producer, sheet producer, packaging producer) and Austrian school milk producers established a closed recycling loop for yoghurt cups. The cups are made from 100% post-consumer recycled material (rPET), are mono-material and unprinted, thus fully recyclable. rPET cups cause one-third less CO2 emissions than glass bottles.

Since March 2021, the Austrian school milk producers use the new rPET cups. The implementation of the closed rPET school milk cup loop demonstrates what is necessary to establish circular packaging solutions for dairy products: (1) material choice rPET, (2) design for recycling, (3) collaboration along the value chain.



FRESH FRUITS AND VEGETABLES

Food polymer container with seal and waterproof airtight cover

Company: Club Packagers of Ukraine / INPAK LLC
Country: Ukraine

Food polymer container with lid. The box is made of PET. The hinged lid is hermetically sealed to the box. This keeps the products fresh and extends their shelf life by 30%. The lid has detachable seal, which eliminates unwanted opening and shows the presence of such an intervention

Food polymer container with lid. The box is made of PET. The hinged lid is hermetically sealed to the box. This keeps the products fresh and extends their shelf life by 30%. The lid has detachable seal, which eliminates unwanted opening and shows the presence of such an intervention



EcoFreshBox

Company: Stora Enso Packaging Oy
Country: Finland

Simple but at the same time clever berry container replacing or reducing use of plastics. Product family contains several size and shape variations. The packaging concept can also be applied to other products in the fruit and vegetable segment, such as mini tomatoes, mushrooms etc.

The new packaging concept is flexible and easy to use. Ability to print customer-specific images supports brand identity and increases visibility and informativity of the packaging.



hvb HiPack

Company: hvb Innova AG
Country: Switzerland

The packaging allows partial removal of the contents and reclosing of the packaging. It offers easy and protected transport of the product and leaves the product in a hygienically perfect condition, as unwanted access to the product is no longer possible.

The presentation of the product in the shop is optimal because the packaging can also be hung up. The lid construction is designed so that light, dry products can be presented vertically or suspended through the lid with Euro hole. The base construction can be made liquid-tight, among other things.

Flexible and sustainable packaging concept for fruit and vegetables

Company: Bama Packaging AS
Country: Norway

Designed for high-capacity automatic packing where the lid tightens according to actual size, prevents the avocado falling out. Designed to prevent the consumer from squeezing hard and damaging the avocado = preventing food waste. Uses certified sustainable fiber material. Consisting of only one piece, without labels, ensures easy and safe.

First avocado packaging in sustainable certified solid carton. Lightweight materials, optimized for maximum transport utilization, easier handling, and better in-store exposure capabilities. Easy open-close function. Only one piece/material makes it easy to recycle properly. Large printable surfaces allow for better and more communication with the consumer.



VentX Unico - Ventilated Pallet Wrapping Solution

Company: Omni Group Pty Ltd
Country: Australia & New Zealand

VentX Unico is the world's most sustainable, effective, and innovative ventilated pallet wrapping solution. Designed to significantly reduce the amount of film required to wrap a pallet, VentX Unico is guaranteed to reduce plastic usage by over 50%! This is all achieved while drastically improving load ventilation and containment. <https://www.omnigroup.com.au/ventx-unico-ventilated-pallet-wrapping-solution/>

6 Advantages of VentX Unico: • Reduce plastic usage by over 50% • Help our environment with sustainable packaging • Save on wrapping costs by halving usage • Prevent damaged produce with improved load ventilation • Achieve optimum pallet load containment • Save on energy consumption & electricity costs



Coral Tray

Company: Mondi
Country: Austria

We eliminated the plastic and plastic foil in conventional vegetable trays, with our fully recyclable, sustainable packaging. There is no loss in packaging performance: the lid of our Coral Tray ensures good product visibility, while protecting its contents and being easily stackable. The customer can print on the packaging.

Plastic is eliminated while logistics are vastly improved: CoralTray runs on erecting machines at the same speed as a conventional corrugated tray without lid, a huge improvement as no foil is added either. Twice the amount trays can be stored in one E2 crate compared to a tray with foil.



Belle Harvest Sustainable Apple Packaging

Company: Graphic Packaging International
Country: USA

Belle Harvest's new sustainable packaging for apples provides healthy food that tastes good, delivered in a way that is kind to our planet. The new cartons are 100% recyclable, produced from renewable resources, provide a unique presentation while increasing product protection, with product visibility and a comfortable carrying handle.

The cartons are produced on 24pt SUS for its excellent strength and print quality. The board is made from renewable resources using fiber from SFI-certified forests. The new carton merchandises upright, providing retailers merchandising flexibility. The new packaging has resulted in more than 15% reduction in apple defects through distribution.





We create a synergy with exclusive infrastructure, technologies and visions of the packaging industry!

To raise competitiveness of the packaging industry of Korea, Korea Packaging Center will work with experienced professionals in various areas from R&D of new materials, cultivation of professionals, building-up of statistics, promotion of industry, policy planning, and international exchange.

- 01 PURPOSE: To progress into a high valued- ded, knowledge-based industry
- 02 VISION: To transform itself into a packaging hub in Asia
- 03 STRATEGY: To make a new leap forward and join the ranks of top 5 packaging centers



THE WORLD,
THE FUTURE!

KOREA STAR AWARDS GOVERNMENT AWARD ON PACKAGING

Recognized as a futuristic and forward-thinking knowledge-based industry, packaging receives governmental support.

The Korea star awards is committed to actively promoting the packaging industry into the one that is capable of raising our national standing. Towards that end, the program focuses on developing new technologies and materials and increasing our global competitiveness.

PURPOSE

- Government's prize to outstanding technologies developed in the packaging industry, which is future knowledge industry, and contributors to advancing the packaging industry, boosts morale and pride of all in the packaging industry, promotes technological innovation by sharing the latest technologies and encourages desires for R&D (since 2007).
- Products that won national awards are qualified to compete in international contests hosted by ASIA PACKAGING FEDERATION(APF), WORLD PACKAGING ORGANIZATION(WPO) and others. The Korean government runs the following government prize system.

Categories

Food Health & Personal Care / Cosmetic & Beauty / Medical & Pharmaceutical / Electronics / Labelling and Decoration / Logistics / Others

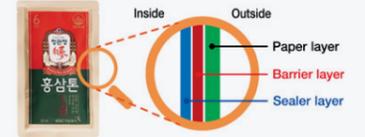
Hosting agencies
Host : Ministry of Trade, Industry and Energy (MOTIE) Organizer : Korea Packaging Center
e-mail: kopack114@kitech.re.kr www.kopack.re.kr



Red Ginseng Tonic in Paper Pouch

Company: KGC(KOREA GINSENG CORP.)
Country: South Korea

Traditional retort pouches were made of PET/AL/NY/PP and there was no material to replace it. Therefore, we developed a paper pouch with less environmental pollution when discarded and recycled by applying a paper material capable of going through the retort sterilization process.



1. Retort sterilization is possible by applying paper with enhanced wet strength and water resistance.
2. The same level of tensile and sealing strength as current retort pouch.
3. Applying water-soluble flexo printing without using organic solvents.
4. 56% reduction in plastic and metal usage compared to other companies and current products.

Biore u The Body foam type body wash

Company: Kao Corporation
Country: Japan



- Everyone can make special foam easily!
- 1) "Feels good": You can get fine foam that makes you feel high elasticity and low friction with skin.
 - 2) "Looks good": You can see the difference at one glance because it is "whipped cream" shaped foam like never before.



- 1) Fine foam is made by the third layer mesh at the nozzle. It can decrease friction to skin and make it easier to shape the foam.
- 2) The nozzle design (length, opening width and flange etc.) is simplified and optimized considering shape of foam, distribution, production, and cost.

Biore u The Body Milk

Company: Kao Corporation
Country: Japan

- 1) We have developed the Raku-raku switch that can be discharged with a light force and can be adjusted to the desired amount.
- 2) The Raku-raku eco pack is hung and used, so the bathroom can be kept clean.
- 3) It can be used up until it runs out.

- 1) We have developed a new packaging that allows you to easily hang the Raku-raku eco pack with an S-shaped hook.
- 2) It can be discharged simply by pushing the soft dome-shaped button.
- 3) The airless pump mechanism prevents intrusion from the outside and can be used up hygienically.



Biore UV Aqua Rich Light Up Essence

Company: Kao Corporation
Country: Japan



We provide the packaging with the design that allows you to open and close the hinge cap with one hand on the go and repaint smoothly. The entire product is visible so that customers can easily pick it up. Environmentally friendly by adopting a filmless paper box.

- The hinge cap opens and closes sideways to prevent it from hitting the arm.
- Adopted a fitting method that makes a "click" in order to eliminate insufficient closing of the hinge cap.
- Designed with a structure that prevents the tube from easily coming off while making the concealing part smaller.

Flip-Top spraying structure for portable atomizer

Company: PANGRAM CO., LTD
Country: South Korea

This packaging maximizes spraying convenience and Eco-friendly product that can be reused. We made the 'Spraying Structure' simpler and quicker by applying our unique "Flip-Top" method. It optimized personal-care portable packaging for COVID19 pandemic to instantly find the spraying direction with using only one hand and avoid losing of cap.

- 1- Eco-Friendly material [Polyketone] used.
- 2- T-structure to prevent malfunction during use is applied.
- 3- Improved portable-safety by implementing tension at Flip-top method.
- 4- Equipped with various design expandability with a Flip-Top cover-platform.
- 5- Designed for satisfying grip and easy pressing point.
- 6- Can be used without difficulty for the visually impaired.
- 7- Optimized portable packaging for sanitizer/mouthwash.



Instantly finding the spraying direction
INTUITIVE USE

ONE HAND SPRAY
Simple and easy

The Monotube - eco-smart sampling solution (Evercalm Redness Relief Serum)

Company: TUBEX Aluminium Tubes
Country: Austria

The Monotube is made of 100%-recycled-aluminium (with 95% PCR-content) and closes the loop by incorporating recycled aluminium-packaging used by end-consumers. It's recyclable, made of a single material and features a break-off-closure instead of a plastic-cap. The Monotube is a smart substitute for non-recyclable or difficult to recycle mixed-material-packaging (eg.sachets).

It's highly flexible, keeping its shape with use and allows to use almost every drop of the product minimising left-over-waste, which is especially important for sample-sizes and for recyclability. The Monotube responds to today's environmental requirements for packaging by reducing the use of plastic, lowering emissions and ensuring high circularity.



Cien Deodorant - currently the most sustainable aluminium monobloc aerosol can

Company: TUBEX GmbH
Country: Germany

Patented alloy; light weight (6 % less than the predecessor can) - at least 25 % real PCR inclusion (own closed loop from consumer waste [yellow bin*]) - natural sustainable ink - water-based overvarnish (less solvents by 60 %) *Yellow bin/bag collects packaging waste from end.

The ink is free of mineral-, palm-, soybean- and coconut-oil - stops deforestation of the rain forest. Furthermore no genetically modified organisms and the binding agents are completely based on renewable sources. The majority of the ingredients are natural, therefore this ink is free of labeling.



ECO PIPING BAGS

Company: Unifarco Spa
Category: Italy

It is a revolution in the field of cosmetic packaging. This packaging allows an excellent dosage of the product, reducing residual cosmetic product and allowing a reduction of almost 90% of plastic. It avoids the contamination of the entire product by avoiding direct contact between the skin and the product.

The inner layer is composed of a biobased, biodegradable, compostable polymeric film that is compliant with the shelf life of the product. This allows the use of the packaging for different cosmetic formulations, for example, it's great for body creams. The biopolymer is layered with biodegradable paper to improve usability.

Aquafresh / Dr.BEST plastic-free toothbrush packaging

Company: Karl Knauer KG, GSK Consumer Health Care, M+C Schiffer
Country: Germany

The new packaging for the oral care brands Aquafresh and Dr.BEST is free of plastic and consists of sustainable and recycled materials. It features an innovative plant-based and consumer-friendly non-plastic window. The packaging can be completely disposed of in the paper bin without the need for separation.

By converting this toothbrush packaging to carton blister packaging, the company group will save over 444 tons of plastic annually.



Dove's 50% rHDPE Body wash bottles

Company: Pact Group
Country: Australia & New Zealand

Pact worked with Unilever's to transition their Dove 350ml bottle to 50% post-consumer Australian sourced recycled High Density Polyethylene (rHDPE). Based on Dove's volumes, by transitioning to 50% rHDPE, Dove will divert more than 11 TONNES from landfill each year.

TA PIQET for Unilever (Dove) revealed that moving from virgin HDPE to 50% rHDPE resulted in: • Saving 8.38 (-10%) of CO2 emissions per year - the equivalent to planting 13 trees per year • Savings of 175.9 (-16%) kl of water - 175,900 litres saved • Savings of 0.41 tonnes (1%) of solid waste per year - the equivalent to the weight of 0.1 African elephants



Sustainable solution for Unilever sheet masks packaging - recyclable sachets with interlayer printing for sheet masks packaging.

Company: Danaflex
Country: Russia

The packaging is a polypropylene triplex laminate with a metallized oriented PP barrier layer and interlayer digital printing. Special sealant layer film is produced by cast film extrusion process and all layers of the package are glued with a high performance adhesive.

The packaging is designed for recyclability as it consists of more than 95% PP raw materials. The non-recyclable raw material content is less than 5% of the laminate weight. This solution will therefore reduce the environmental footprint after recycling of the used packaging.



A Future of Sustainable Smiles - GSK's Plastic-Free, Recyclable Secondary Packaging Toothbrush Launch

Company: WestRock
Country: USA

GSK's first-ever plastic-free, recyclable secondary packaging toothbrush launch disrupts the toothbrush aisle with an aesthetically pleasing, innovative, and fully sustainable concept. Engineered as an eco-friendly replacement to plastic blister packaging, it is a combination of a cellulose paper recyclable and compostable tray and NatraLock® Ultraseal top-card.

The top card has a die-cut window glued with clear, heat-sealable compostable cellulose transparent film, allowing the consumer to see the product. Finally, on the back of the cellulose tray are two paper-based labels, also plastic-free.



PAPACKS REFILL CAPS

Company: PAPACKS SALES GmbH
Country: Germany

PAPACKS® Refill-CAP filled with products such as cream and/or cosmetic content and inserted into high-quality glass jar. Refill-CAP simply exchanged so that the high-quality cream jar continues to be used. Refill-CAP is made of 100% compostable and recyclable virgin fibers, coating ensures appropriate barrier characteristics dictated by the industry standards.

Refill-CAPS reduce plastic-waste through an circular-economy-concept, by distribution of only compostable/recyclable products. Refill-CAP made through moulded-pulp, utilizing organic virgin-fibers, ensuring recyclability and compostability. Refill-CAP is coated with PAPACKS® Organic Coating, a 100% natural-coating solution including sealing paper. All 100% plasticfree, compostable and/or recyclable. Applicable across major-industries as stand-alone or refill-solutions.



Paper tube

Company: KOLMAR KOREA
Country: South Korea

The paper tube is an eco-friendly package, which the body was replaced with papers except for the cap that plastic is inevitable, to reduce plastic use. It is easy to use the remaining formula and recycle by tearing up the used paper tube along the cutting guideline.



Paper Point Neck

Company: yonwoo
Country: South Korea

- 1) Less use of plastic (paper is used for outer jar)
- 2) Detachable outer jar in paper with recyclable plastic components
- 3) Tightening plastic inner and paper outer together without glue by interference fit
- 4) Eco-friendly packaging achieved through paper outer jar
- 5) Various paper materials option available

- 1) In order to easier separation and discharging of paper from the plastic base while not using glue, the packaging is designed to have ribs at the plastic base for tight interference fit against paper outer jar.
- 2) Various textures and finishes are achievable by selecting the paper materials option

Tension Body

Company: yonwoo
Country: South Korea

There are various actuator types for cosmetic packaging as an essential component. However, for this packaging, there is no need to have it as the cosmetic product can be dispensed by pushing the outer bottle inward only for user friendly with less components.

Quite convenient to use regardless of who uses and meet the needs of sustainability through refillable feature. Except for the pump engine, all the other components are made of Polyolefin (polypropylene and polyethylene) which is recyclable. Even the pump engine for Polyolefin only is under development.



3cc One Material Pump

Company: yonwoo
Country: South Korea

Conventional cosmetic dispensers are made from multiple plastic materials with a metal spring, and thus cannot be sorted for recycling. We hereby present a new dispenser, which is made from polyolefin-based single material only, even replacing the metal spring with the polyolefin material (polypropylene).

The spring in our 3cc one material pump replaces a metal with polypropylene, and the other components of dispenser, which were formerly polyethylene and POM (started to prohibit worldwide in use due to formaldehyde emission) are replaced with polypropylene for easy to separation and 100% recyclability.

CO2 recycling - Plastic made from CO2

Company: mibelgroup - Mifa AG
Country: Switzerland

The PET bottle made of CO2 gives us the opportunity to include recycling where food grade PCR material flows are limited and the use of petroleum-based plastics is no longer a solution. In addition, this means that much less CO2 is released into the atmosphere, which also protects our environment.

In 2021, the Mibelle Group is launching PET bottles that are made from 30% CO2, which would otherwise have been released into the atmosphere as a greenhouse gas.



One day one pill

Company: KOLMAR KOREA
Country: South Korea

One pill a day is a health care product designed to provide nutrient more effectively for modern people who have short nutrient. This product has the 'day box' available to change days on its lid to guide users to dose everyday by helping them check the last time of dose.



Life Cycle Assessment of GSK's Sustainable Toothbrush Twimpack



A Future of Sustainable Smiles - GSK's First Ever National Toothbrush Launch with 100% Plastic Free, 100% Recyclable Secondary Packaging

Company: GlaxoSmithKline
Country: USA

Our first ever 100% Plastic-Free, 100% Compostable and/or Recycle secondary packaging launch for toothbrushes, that eliminates single-use plastics and simplifies the burden of navigating "how and where to recycle" from the consumer and facilitates efficient recycling with paper in most jurisdictions, while still offering a unique opening and product experience.

This sustainable toothbrush secondary pack consists of a color matched, thermoformed PaperFoam tray, that is compostable and recyclable with paper, heat sealed to a printed, SBS NatraLock® UltraSeal top card, that is engineered to be used as a plastic clamshell replacement, while maximizing shelf appeal and enhancing sustainability.

100% RECYCLABLE PCR LAMINATE TUBE

Company: EPL Limited Europe
Country: Germany

The 35 mm diameter vegan toothpaste tube is made of post-consumer recycled (PCR) plastics and fulfills all the necessary barrier properties throughout its life cycle. The use of PCR has minimized the use of virgin materials. The laminate is a development of EPL Ltd. The tube is fully recyclable.

Tube consists of 30% PCR. At first glance, this figure seems low, but it is nevertheless more resource-efficient. The lower wall thickness already saves approx. 30% weight compared to the PE tube. The 30% PCR results in a total saving of new resources of 60%.



Always Paper bag

Company: Procter & Gamble
Country: Germany

Our paper package with minimized printing and without plastic coatings is the perfectly sustainable packaging solution for hygiene products, especially when running on existing production lines. Paper is a truly sustainable alternative to plastic, can be easily recycled in standard paper recycling stream and consists of fully renewable sources

Full substitution of LDPE plastic foil with FSC-certified paper while maintaining the following important properties: 1. Full protection of product inside without compromises on geometry, supply chain requirements and consumer appeal 2. Full recyclability in the paper recycling stream with >95% fiber content 3. Compatible with current manufacturing packaging platform

Vaccine Protector

Company: Planet Protector Packaging Pty Ltd
Country: Australia & New Zealand

The Vaccine Protector is a 100% sustainable alternative to expanded polystyrene boxes for the transport of frozen vaccines, with all components fully recyclable or compostable. The packaging design consists of three key components: a wool knop liner, encased in a metallised polyethylene film and an outer corrugated carton.

1. Wool knops: allows for a 65% reduction in wool material usage, whilst maintaining superior thermal protection.
2. Metallised Radiant Barrier: can maintain -20°C for over 60 hours. The wool is compostable and the liner is recyclable through the REDcycle soft plastics program in Australia.





ASD Turkish Packaging Manufacturers Association

ASD was established in 1992 by 39 members with purposes of fostering the growth of packaging industry, giving an identity to the sector, representing the sector in national and global arenas, establishing scientific, technical, and social cooperation and solidarity among members.

In 2022, ASD has 236 members that are active in every branch of the packaging sector in Turkey; flexible plastic packaging, rigid plastic packaging, glass packaging, metal packaging (aluminum & steel), paper, carton board, corrugated cardboard, wood packaging, packaging machinery, label, closures & caps, raw materials and other auxiliary packaging materials.

Activities: ASD Webinar, ASD Packaging Congress, Crescents and Stars For Packaging Competition, ASD Packaging Academy, Ambalaj Dünyası - Packaging World & Pack Converting magazines, Packaging e-Bulletin, Eurasia Packaging Istanbul Fair, Student Competitions, International Events & Competitions, Turkish Packaging Industry Report, University-Industry Cooperation, Packaging Library, Government Relations & Corporate Communication works.

Please visit www.ambalaj.org.tr for more information.



Crescents and Stars for Packaging Competition

Crescents and Stars for Packaging Competition is organized by the ASD every two years. The competition is for packaging products manufactured and launched by both Turkish companies and all other companies abroad.

Categories;

1. Beverages
2. Electronic and Electrical Household Appliances
3. Food
4. Health and Cosmetic Products
5. Home - Automotive - Office Appliances, Equipment and Disposables
6. Packages for Other Non-food Products
7. Pharmaceutical Products
8. Industrial and Transportation Packages
9. Packaging Materials and Components
10. Point of Sale Display, Presentation and Storage Products
11. Flexible Packaging
12. Graphic Design
13. Luxury Packaging

Among the Gold Awards presented at the Crescent and Stars for Packaging Awards, Gold Packaging Awards will be also offered in cooperation with the Turkish Standards Institute (TSE). The Crescent and Stars for Packaging Competition is accredited and recognized by the World Packaging Organization (WPO) and Asian Packaging Federation (APF).

Please visit www.ambalajarismasi.com for more information.



National Packaging Design Student Competition

National Packaging Design Student Competition is organized by ASD with the contribution of Eurasia Packaging Istanbul Exhibition in collaboration with Reed TÜYAP. The Student Competition that we organize each year is aimed at encouraging the students who receive design education in our country to be involved in the field of packaging design as well. Top three winners receive cash awards and a 12-month non-refundable ASD & TÜYAP Scholarship. All winner students are encouraged to participate in "WorldStar Student" and "AsiaStar Student" competition organized by WPO and APF.



HEALTH & PERSONAL CARE

yuskin / yuskin sisora

Company: EIGHT BRANDING DESIGN
Country: Japan

This is a rebranding project for a Japanese skincare brand with over a 60-year history. To express the brand concept "For Your Skin", a product bottle has been redesigned, consisting of a user-friendly soft form. The logo design aims to give a contemporary and gentle impression to the brand.

Whilst keeping the major colors, which were included in the former brand designs, a more sophisticated coloring has been applied, by using a design system of the three colorings of orange, deep beige, and beige. That contributes to unifying the brand identity, even with various products being lined up together.



HOUSEHOLD

CO2 recycling - Plastic made from CO2

Company: mibellegroup - Mifa AG
Country: Switzerland

The PET bottle made of CO2 gives us the opportunity to include recycling where food grade PCR material flows are limited and the use of petroleum-based plastics is no longer a solution. In addition, this means that much less CO2 is released into the atmosphere, which also protects our environment.

In 2021, the Mibelle Group is launching PET bottles that are made from 30% CO2, which would otherwise have been released into the atmosphere as a greenhouse gas.



COLOR TESTERS

Company: BRUGUER
Country: Spain

The design of the Bruguer testers has changed the way paint is sold, leading the transformation of the entire industry. This exclusive tool, patented by AkzoNobel, facilitates the consumer's decision and allows the development of different artistic projects, using a mini roller with the product already integrated. Choosing a colour

can be difficult for consumers willing to paint their homes. Bruguer testers allow them to test colours of their choice directly on their walls and choose the one that fits best. Unlike the use of a brush or roller, this packaging ensures a very easy, comfortable and clean experience.



dalli washing powder packaging

Company: Gissler & Pass GmbH DALLI-WERKE GmbH & Co. KG
Country: Germany

The new, sustainable packaging concept made of corrugated board replaces the plastic carrying handle and the plastic tear strip for opening. We thus reduced the total plastic content of the packaging to just four percent overall and lowered the cost of production while increasing load-bearing capacity and convenience.

The new packaging runs smoothly both on the processing machines from Gissler & Pass and on the lines from the dalli-group, without the need for additional investments in new machine parts. They fit into the existing module sizes of the internal and external transport logistics system.



Gorilla Glue Micro Precise Structural Design

Company: Product Ventures
Country: USA

Gorilla Glue engaged Product Ventures to design and develop a new entry into their portfolio of super glue products, the Gorilla Glue Micro Precise. Through category audits, consumer research, and iterative prototyping, Product Ventures' industrial design team delivered an easy-to-use, precise, controlled dispensing tool that fits comfortably in the hand.

Product Ventures broadened the grip at the top of the glue packaging and tapered the shape at the base. This new shape made the grip more comfortable for consumers, provides a snug and secure fit in the consumer's hand, and allows for more controlled product dispensing.



HOUSEHOLD

Re-useable Circular Economy Spout Pouches with Recycled Content for Zero Co.

Company: O F Packaging
Country: Australia & New Zealand

Zero Co. wanted to reduce the large amount of unnecessary single-use plastics found in the household product market, while committing to cleaning up our oceans and reducing plastic waste. With O F Pack they created an innovative concept that includes recycled plastic materials and works in a closed loop/refill system.

Their rigid plastic dispensers are made from plastic rubbish that they have diverted from oceans, beaches and landfill. Consumers then refill these using a reusable spout pouch which is made from a percentage of plastic waste diverted from landfill and are designed to be returned, sanitised, refilled and reused repeatedly.



Cove

Company: Natures Organics
Country: Australia & New Zealand

Cove is a range of refillable and reusable cleaning products designed to reduce packaging waste and lessen the environmental footprint of household cleaning across the kitchen, bathroom and laundry. Within its first year of being in market, Cove has saved more than 63,000 kilograms of plastic from being produced.

The Cove cleaning system involves refilling reusable aluminium bottles with concentrated refill pouches and topping them up with water. These pouches use 80% less plastic than repurchasing conventional cleaning products, can be recyclable through the RedCycle program and reduce emissions in production and transport as we are not shipping water

100% rPET Preforms & Bottles for Homecare

Company: Wellman Packaging & Colgate-Palmolive
Country: Australia & New Zealand

Colgate-Palmolive, in a market first, converted 100% of their Australian surface cleaners over to 100% recycled PET content for all bottles, produced efficiently on-site in 2-stages from preforms and with zero pigments via compatible shrink sleeves, thus increasing the recycling recovery rates for these market leading products.

For a fully holistic environmental solution, the conversion to 100% rPET coincided with Colgate's launch of new ECO enviro-sensitive formulations, new pack shapes improving supply chain efficiency, PET compatible label stocks, unpigmented closures and mono-material, metal-free PP trigger sprays -- together setting the tone for the market to follow.



Lightning matches Dispenser

Company: Rondo Ganahl AG
Country: Austria

The flap on facilitates access to the wooden lightning matches, the rest of the matches spiral downwards automatically for the next necessity. The construction of the flap allows an easy open and relock of the box. And the imprinted instructions reduce particulate pollution (CO²) of the lightning process.

Reduction of particulate pollution (CO²) during lightning process thanks to imprinted instructions, Flap to open and relock the box, Simple handling, Access to lightning matches in a very neat way, Content of the box is also sustainable, as the matches are a side product of regional wood industry

LABELING AND DECORATION

EcoStretch: A Closed-Loop Solution for Stretch Sleeves

Company: CCL Label
Country: Austria

EcoStretch is the first closed loop recycling solution for stretch sleeves. Stretch sleeves are often used for returnable PET bottles that are then re-used, for example in the German mineral water market.

In addition to the closed-loop recycling solution for stretch sleeves, that type of decoration has a lower carbon footprint compared to other options to begin with. Stretch Sleeve material is very thin and they are applied to containers without the use of adhesives or heat...



wellman PACKAGING



CLOSING THE LOOP

FUTURE THINKING FOR SUSTAINABLE
PLASTICS PACKAGING IN THE CIRCULAR ECONOMY

SQUEEZEPAK™ SAUCE BOTTLE WITH 100% RECYCLED FOOD GRADE PLASTICS
PIDA Gold Award (Sustainable Packaging Design), WPO Worldstar (Packaging Materials & Food)

100% rPET PREFORMS & BOTTLES FOR HOMECARE
PIDA Bronze & WPO Worldstar Awarded Jointly with Colgate-Palmolive

LINERLESS CLOSURE FOR OIL BASED DRESSINGS
PIDA High Commendation (Sustainable Packaging Design)

LIGHT WEIGHT FLIP TOP CLOSURES
PIDA High Commendation (Sustainable Packaging Design)



GOLD WINNER
SUSTAINABLE PACKAGING
DESIGN OF THE YEAR 2021

WELLMAN.COM.AU



WINNER
2022 WORLDSTAR
PACKAGING AWARDS



Pana Organic Drink Blends

Company: Zipform Packaging
Country: Australia & New Zealand

Zipform Packaging teamed up with Pana Organic to create the most aesthetically pleasing composite fibre-based pack in the market. The print finish of the packs utilises Pana Organic's signature use of illustrations and silver foil throughout both the pack and lid representing the premium profile of the brand perfectly.

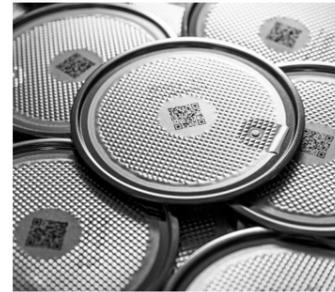
The packs are manufactured in Zipform Packaging's linear form process and consist of 91% fibre including 62% post-consumer recycled content. As a result of the high fibre content and the paperboard base inserted in the pack, the packs are 100% Kerbside recyclable throughout Australia & New Zealand.



Peach Garden DBS Mooncake Box

Company: Packaging HUB (S) Pte Ltd
Country: Singapore

A quick glance at this dazzling Mooncake Box and one could easily be captivated by its beauty and charm. The petals and butterflies were diecut to pop out. Combined with the LED lights around, it simulates the illusion of floating.



PEEL OFF END WITH QR-CODE

Company: TRIVIUM PACKAGING
Country: Netherlands

Trivium Packaging has created an innovative anti-counterfeiting solution for an Infant Nutrition market. All peel-off ends are equipped with unique serialized QR codes. The QR code guarantees that the product is fully traceable back to the producer, production location and even the production batch. Any anti-counterfeiting risk is 100% excluded.

Consumers can scan the QR code on the products using their phone. They can check authenticity, learn more about the origin and be rewarded for their loyalty whilst eliminating concerns regarding fraudulent products in-market. This project developed for Infant Milk Formula, can be applied for any product and any market.

ILOHAS Natural Mineral Water Label-Free PET Bottle

Company: Coca-Cola(Japan)Company, Limited
Country: Japan

This PET bottle was developed for special package in E-Commerce channel. This was the first unique design bottle without a label in Japan. This bottle was successful in developing "Label-free bottle trend" in Japan. Stylish design can give a new value even label-free.

For EC users, as for just removing a label from current bottle, it's ok at home. But when they consume out of the house, it does not fit. They cannot appeal brand and they feel poor and not tasty. Iconic design bottle should be required to fit their real occasion.

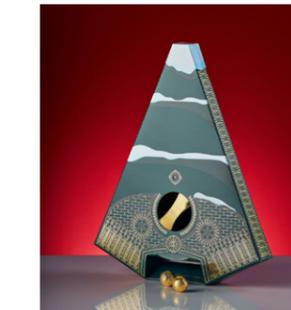


Shrink-Sleeve 3D-Illusion

Company: NYCO Flexible Packaging
Country: Switzerland

NYCO has developed a shrink sleeve that deceptively displays 3D elements, creating a moment of surprise when the optically spatial element turns out to be completely flat when touched. With our novel technology, completely new subtleties in the 3D element become possible. This is possible with different container shapes.

We are able to spatially represent a wide variety of motifs. To protect shrinkage, brilliance and effect, we have developed a special film with coating. The result is so complex that the special film supports anti-counterfeiting in the food, cosmetics or pharmaceutical sectors.



Advent Kalender 2020

Company: Offsetdruckerei Schwarzach GmbH
Country: Austria

The calendar - whose outline is based on the shape of a Christmas tree - donates a sweet surprise with every turn of the central rotary knob and can also be refilled. The elaborately crafted construction with attention to detail as well as successful finishing and printing including perfect functionality.

This special calendar that is also made entirely of cardboard and does not require the usual thermoformed plastic parts.

The Capitol Kempinski Hotel Singapore - "Our Heritage Treasures" box

Company: DPC DESIGN PACKAGING CONCEPT PTE LTD.
Country: Singapore

The main attraction is the replication of the Stained Glass effects (high degree of difficulty to construction) as it reflects the Church's and building windows panes. The icons are hand traced from the photos taken. A sold out item, favorite with buyers.

Capturing and featuring the both outfits of 117 and 88 years old buildings styled in neoclassical and Venetian Renaissance-style, it presented the best of Singapore Rich Heritage. Painfully it took 6 months to conceive the idea. Thus it was named Our Heritage Treasure



MEDICAL & PHARMACEUTICAL



Vaccine Protector

Company: Planet Protector Packaging Pty Ltd
Country: Australia & New Zealand

The Vaccine Protector is a 100% sustainable alternative to expanded polystyrene boxes for the transport of frozen vaccines, with all components fully recyclable or compostable.

The packaging design consists of three key components: a wool knop liner, encased in a metallised polyethylene film and an outer corrugated carton.

1. Wool knops: allows for a 65% reduction in wool material usage, whilst maintaining superior thermal protection. 2. Metallised Radiant Barrier: can maintain -20°C for over 60 hours. The wool is compostable and the liner is recyclable through the REDcycle soft plastics program in Australia.

LUXURY

Salz Mouthwash Premium Set Thai Ayurveda

Company: Lion (Thailand) Co.,Ltd.
(Trend&Creative)
Country: Thailand

To capture the timeless of traditional Thai patterns design, Salz Ayurveda is inspired by "watering pattern" which traced us back to the Sukhothai period. It is enriched with indigenous cultural values and reflect the spirit of Thainess, through luxurious and delicate design.

The Salz Premium set represent Thai Cabinet that was stored the prestigious items and secretive herbal recipes in the past, to preserve Thai delicacy and charm to further generation. Watch more video at <https://youtu.be/HXy5emgW4aM>



Compostable Kraft Tube Packaging with "Bullnose" closures.

Company: Green Energy Packaging - South Africa
Country: South Africa

Castle Double Malt: Re-discovered and perfected bull-nose technology creates an innovative presentation pack supporting the launch of a new beer product. The pack contains the bottle, drinking glass, beer coaster and leaflet creatively structured to protect and present the contents in an appealing pack with no plastics or metal.

The compostable, sustainable tube packaging is the result of extensive development of various material, techniques and machinery. The combination of selected local kraft papers, laminates, printing inks and barrier coatings creates a remarkably special pack with sustainable and finest quality product credentials support the new beer product launch.



PACKSYS capsule dispenser

A dosing system for capsules, focusing on patients with constrained motor functions.

Many of our elderly are suffering from arthritis. Often everyday tasks, such as opening a jar or a blister packaging to access the prescribed medication, become a painful struggle. The PACKSYS capsule dispenser enables these patients to take their medication without having to seek assistance.

We developed a packaging system for **easy and hygienic single-dosing of capsules** – for people with specific needs. By pushing down the dispensing actuator, the system releases **exactly one capsule** into the dosing cup – which can be used for administration of the product **without hand contact**.

The dispenser can be placed standing upright on the table. Patients can even use their forearm or elbow to press the button. By slightly turning the actuator, the dispenser can be locked/unlocked.

Of course, the capsule dispenser is not limited to **pharmaceutical capsules**, but can also be used for **cosmetic products** or **food supplements**. It is also suitable for soft-gel capsules. The dosing mechanism is currently available for capsules sizes 0 and 1, but can be customised to other capsule sizes.

With respect to sustainability, the dispenser will also be available as refill-system. Since all plastic components are made of polypropylene, it is **fully recyclable**.

A **desiccant capsule** can be fitted inside the lid – for moisture-sensitive products. First prototypes of a **child-proof** version are available.

For enquiries regarding the PACKSYS capsule dispenser, please contact volker.hurth@packsys.de.

PACKSYS GmbH

Alte Weilheimer Str. 2-4, D-82340 Feldafing, Germany
phone +49 (0)8157 / 9152-0
www.packsys.de



**WORLDSTAR
WINNER 2022**

MEDICAL & PHARMACEUTICAL

Packaging solution with spring effect

Company: Smurfit Kappa Herzberger Wellpappe GmbH Stefan Füllgrabe
Country: Germany

This solution is a re-design of a transport package for products like pumps and filter cartridges for the pharmaceutical industry. The original polystyrene fixing cushion was substituted by an intelligent corrugated board blank, which functions as a shock absorber and is reversible due to spring action.

The re-design resulted in significant cost savings due to reduction of handling time as well as in reduction of CO2 emissions. Moreover, since it is corrugated board, it is made of a fully recyclable and renewable monomaterial.



reinpapier - The biodegradable medicine calendar

Company: DE-PACK GmbH & Co. KG
Country: Germany

Because there is no compostable medication packaging yet, go.ecoblister GmbH set out to change that. DE-Pack presents a 100% ecological medication tray, which was realized with the brand reinpapier®. Even the label is compostable and is made of the transparent cellulose film NatureFlex™. Tons of environmentally harmful plastic packaging and CO2 emission can be saved worldwide.

reinpapier® is an innovative packaging solution that is manufactured using paper injection molding technology. It consists of a raw material mixture made from 100% natural ingredients – industrial starch, paper fiber and water. Advantages: Packaging is made from renewable raw materials. It is biodegradable/compostable and can be sterilized.

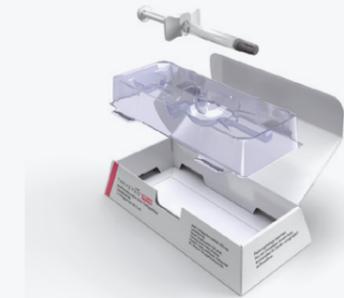


Takhzyro Pre-Filled Syringe Secondary Packaging

Company: Takeda Pharmaceuticals
Country: USA

Takhzyro is used against angioedema attacks in patients with Hereditary Angioedema offering the chance to live life with zero attacks with just 1 subcutaneous injection every 2 weeks. The packaging was created on fortifying the inner-strength using pyramid as a metaphor.

The carton was designed for quick assembly and disassembly of syringe PET tray for better recyclability using composite material Paperboard+PET that resulted in lower carbon-footprint in comparison to all paperboard. This also helped us achieve minimum packaging weight as a unit. Using PET tray gives us an opportunity to recycle and use recycled material as a substrate.



PACKSYS Capsule Dispenser

Company: PACKSYS GmbH
Country: Germany

Our Capsule Dispenser is the perfect packaging solution for pharmaceutical capsules, especially designed for people with declined motor function. The lockable actuator can be pressed with little force - releasing the capsule into the dosing cap - one capsule at a time - to be ingested without touching the capsule.

Made of pharmaceutical compliant PP + steel spring, which makes it fully recyclable. Machine filling due to cylindrical design. Can be equipped with desiccant capsule for moisture-sensitive products. Allows fast and accurate dispensing which is a great benefit for nursing staff. One-hand operation. The dispenser is refillable. See video: <https://packsys.de/en/packsys-innovations-capsule-dispenser/>



CABPIRIN pharmaceutical packaging

Company: Takeda Pharmaceuticals
Country: Japan

Takeda pioneered use of Green-Polyethylene in CABPIRIN pharmaceutical packaging is made from plastic derived from plant-based bioethanol. Using Green-PE bottles have reduced CO2 emissions as compared to petroleum-derived polyethylene bottles by 70-74%. Green-PE bottles have been tested for critical functionalities such as shelf-life for 36 months,

moisture-permeability and shock-resistance, as well as their potential impact on the quality of tablets. The LCA results confirmed, it is functionally comparable to polyethylene bottles and have no impact upon the quality of tablets. By using Green-PE in primary packaging Takeda reduced CO2 emissions by approximately 24 tons in 2020.





THE COMPANY BEHIND THE MACHINE

VIEPA was founded in 2008 by a mechanical engineer, focusing on packaging machine integration and robotic systems for production applications. Over the years VIEPA grew in the Greek Market and in 2017 fully expanded to the European Market.

Today, VIEPA is mostly known for the end of line packaging, and some of our products:

- Cartoning Machines
- Case and Tray Erectors
- Case Packers
- Palletizers
- Conveyors for Transportation
- Fully Automated Lines

Each machine we design and construct is unique, always considering our clients' wishes, space availability, budget, and needs.

Check out our website at: www.viepa.gr

DESIGN FOR THE FUTURE

By embracing the 17 Sustainable Development Goals of the UN, VIEPA is committed to working for a better future. In 2021 by collaborating with FESTO we decided to include the Simplified Motion Series, a new series of electric actuators to replace the common pneumatic ones on Eco machines.

With this initiative, the Eco Evolution 21 machine series was born in Greece. Products in this series function with zero compressed air, aspiring to reduce environmental footprint and promote low energy consumption.

Eco Evolution comes with a range of benefits, ranging from practical to environmental ones. Some of the most important are eliminating compressed air, low noise level, zero maintenance costs, and using only one energy source.

This machine is ideal for companies with low space availability and food products as it provides high hygiene. The Eco Evolution range includes Cartoners, Case Packers, Case Erectors, Tray formers, Palletizers, etc.

Corebox
Company: Amazepack
Country: Poland

Full product safety 10.2 tons of static strength – confirmed by tests. Corebox meets ISPM15 phytosanitary standards. Craft coating: for protection against moisture. Dimensions and equipment tailored to customer needs. Made of recyclable material. Up to 80% lighter than substitutes. Can be fully printed. COREBOX is 100% recyclable.

Quick and efficient installation without the need for tools therefore improved ergonomics: the work is lighter and at the same time more efficient, thanks to the low weight of its own cardboard container.



ECO-EVOLUTION 21 CASE PACKER

Company: VIEPA
Country: Greece

Eco Evolution 21-Case Packer is the first carton-box packaging machine that does not require the use of compressed air. Following the new technological developments and the innovative products of the market, VIEPA applied Simplified Motion Series replacing the common fashion pneumatic actuators in every position of the machine.

By eliminating the use of compressed during machine operation, and only using electricity we manage to lower energy consumption levels as well as keep noise to a minimum. The Eco is a compact, precise machinery equipment that makes for a quick installation, ideal for food industries.



Longan Flower Honey Gift Set

Company: Siam Toppan Packaging Co., Ltd.
Country: Thailand

This package is inspired by the sweetness of honey from wild flower. It is designed with top pop-up display and multi-layers of honeycomb at front of package. When opening package, you will face pop-up of honey and flower pattern inside looked like multi-sensory feel and this could make product fascinating.

This package is formed easily by locking with top pop-up display. When folding it, the package is rectangular-shape which convenience and efficiency for transportation. Besides, it is decorated with hologram foil, embossing and texture coating in honeycomb and wooden pattern for natural emotion and could add value to product also.

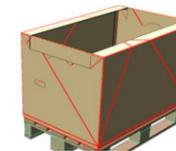


Palpa Twist recycling container

Company: DS Smith
Country: Finland

Based on customer need, I have created a new recycling container which fits EUR-pallet when flat to enable handling thousands of empty containers in customer's automatised logistics. Huge cost saving for customer. The older version needs more time to assemble and does not fit on standard pallet when flat.

Empty containers are sent to retailers to collect empty cans and pet-bottles with filling machine which crushes them. This new innovative container is ready to use only under 30 seconds. This brings the efficiency on a new level in supermarkets.



CARTboard

Company: ADAMS Sp. z o.o.
Country: Poland

CARTboard is an innovative, fully ecological shopping cart. All construction elements are made of corrugated cardboard and paper which makes it 100% recyclable. It has the additional function as a shopping bag and is safe for the user in times of a pandemic by limiting the spread of the virus.

Regular shopping carts carry many viruses and bacteria. When touched daily by hundreds of people, they can transmit many serious diseases. CARTboard, in addition to completely eliminating the above problem, also acts as our shopping bag, because we can easily close it and put it in the car.



Transport packaging for intelligent fridge

Company: Stora Enso Packaging Oy
Country: Finland

An intelligent fridge (height > 2,5 m) equipped with external high-sensitive electronic devices needed a transport packaging, which provides effective protection and is easy to use and recycle. Typically, these kind of transport packages contain many different packaging materials. The new packaging is made 100 % of renewable materials.

Packing and unpacking process of the intelligent fridge is designed to be done without need for any external tools. The package also includes a customized pallet with an integrated loading ramp, which allows ergonomic handling of the package during the whole supply chain.



Shimaoka's Lock (A New Fixation Method in Cardboard)

Company: DYNAPAC CO.,LTD.
Country: Japan

Conventionally, folded corrugated cardboard was mainly fixed with adhesive tape and complicated lock structures, which was hard work. To settle this, an easy lock structure from only folding the corrugated sheet has been developed. Adding the shifted score lines and zigzag notches, the adjacent parts can be engaged when folded.

As a result, this structure has enhanced workability thanks to the various boxes, cushioning materials and more.

slide counter

Company: Daio package corporation
Country: Japan

This Slide Counter Display can be adjusted in width from 30 to 44 cm, which can be adjusted in response to various conditions. Even if the width is adjusted, the position of the head card can be placed freely. Considering the cost and environment, the whole is made of paper.



Dispersible Bag

Company: Klabin
Country: Brazil

The civil construction market has always wanted a more ecological and intelligent packaging solution after use, which avoids the costs of collection, reverse logistics and reprocessing. Dispersible bag is an excellent alternative, because it allows complete disintegration under the conditions of preparation and mixing time of fluid concrete.

CoolCAN – web2print solution for personalised can printing

Company: Colonia press, a.s.
Country: Czech Republic

The customer creates personalised designs for beer cans or energy drinks directly in the website's editor. The minimum order quantity is 24 pieces. We print the designs using digital technology on a shrink sleeve, which is subsequently placed on the can and shrink to fit.

The entire label production process is automatic. The order passes to the printing machine completely without human intervention. So the first person to see it is the printer. This automated workflow reduces the error rate and production costs.



Creative Giftbox

Company: Steirerpack GmbH
Country: Austria

This self-promotion gift was designed to show the different properties of corrugated cardboards. As packaging design experts, we created a box with a large advertising space (printing area on the front), different side compartments for microdrinks (to unfold in two layers) and a separate place for a drinking bottle.

Waterdrop® is unique and reflects the modern lifestyle, as well as the special designed, safe for transport, environmentally and 100 % recyclable corrugated-cardboard giftbox. In the first step only the conspicuously printed front is visible, afterwards the different layers unfold (sideways and on the bottom) to reveal it's whole appearance.



rPump

Company: Zipform Packaging
Country: Australia & New Zealand

Zipform Packaging in conjunction with a leading health and beauty business has developed rPump, a world first in combining a recyclable composite fibre-based pack with a reusable closure and pump, in response to the recyclability challenge presented by existing pump style packaging.

Through the use of Zipform Packaging's linear draw composite technology, %100 of the surface of the pack is able to be decorated, removing the need for a post-applied label. The packs are made from >%90 fibre content and include >%60 post-consumer recycled material and are %100 kerbside recyclable.

PACKAGING MATERIALS & COMPONENTS

Mono Material Laminate

Company: Nestle Research and Development center India Pvt Ltd
Country: India

Nestle Mono Material pack is developed with special grade film scientifically developed for Nestle. Its recipe and special patented coating provide required barrier to product which maintain product shelf life and overall product pack integrity.



WRAP AROUND LABEL WITH RECYCLED PET

Company: Etapak Baskı Ambalaj San. ve Tic. A.S
Country: Turkey

r-Pet is produced by using 20% recycled PET with 19 micron 1.4 density instead of 38 micron 0.7 density BOPP Pearlized Label currently used. Label film has played an important role in sustainable packaging studies by using recycled materials instead of origin.

Total weight of the material (38 µ Pearlized, 26.6 gr/m2 with 0.7 density) (19 µ Pet, 26.6 gr/m2 with 1.4 density) is also preserved. By using PET label, bottle and label has mono-structure component.

MASO UZENINY POLICKA

Company: MASO UZENINY POLICKA
Country: Czech Republic

Benefits: Save natural, 50% smaller packaging, 34% lower carbon footprint, 50% less used plastics, vacuum packaging extends meat durability, less space in the fridge, less vehicles on the road.

Ecology is our priority, we managed an innovative line for minced meat, it is only one of kind in the Czech Republic. This technology brings benefits to consumers, shops, logistics, represents a significant reduction in the environmental burden, where the use of plastics cannot yet be completely ruled out



WE SAVE RESOURCES IN SUPPLY CHAINS, FOR A BETTER TOMORROW



At Nefab we always prioritized the protection of our environment, that is why we launched a self-developed software ten years ago to measure the environmental impact associated with the various stages of the life cycle of the packaging concepts designed and manufactured by our company.



WORLDSTAR GLOBAL PACKAGING AWARDS



Our LCA (Life Cycle Assessment) software got the name "GreenCALC" referring to the calculation we use to help our partners embark on a greener way. Most of our customers have developed precise CO2 reduction plans since the Paris Climate Agreement, in which Nefab plays an important role.

What is the result of choosing the right material?

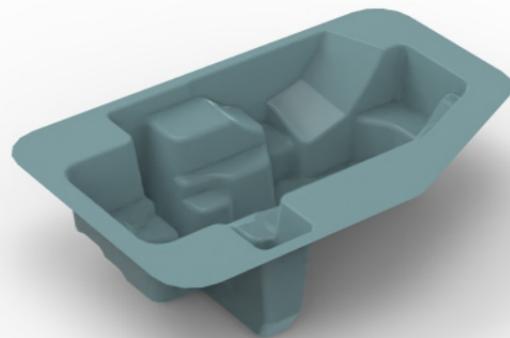
We changed our customer's paper pulp trays to aPET:



We were able to quantify 110 metric tons of annual savings in CO2 emission provided by the thermoformed trays, in comparison with the paper-based solution. This is equivalent to 23 passenger vehicles' emission per year.

We reduced the generated waste by 88 000 kg per year.

With this cost-effective solution of NEFAB we managed to save 210 000 EUR per year for our customer.



reinpapier® - 100% ecological packaging

Company: DE-PACK GmbH & Co. KG
Country: Germany

The reinpapier® brand is a winner because we offer an ecological packaging concept that has the potential to efficiently replace several tons of environmentally harmful packaging materials such as cardboard, foils and foams. reinpapier® has no negative impact on the balance of nature because it is 100% organic.

reinpapier® is an innovative packaging solution that is manufactured using paper injection molding technology. It consists of a raw material mixture made from 100% natural ingredients -- industrial starch, paper fiber and water. Advantages: Packaging is made from renewable raw materials. Biodegradable/compostable after a few weeks.



E-bike engine packaging

Company: Nefab Packaging Hungary Kft.
Country: Hungary



For the implementation of the project we used APET material (amorphous polyethylene terephthalate) which is more cost effective and more environmentally friendly than paper pulp which was already used by the customer. Also Paper pulp needs more material to function in the same way as a plastic tray.

Our trays are 100% recyclable. They are grounded into granules at their "end of life" so new raw material can be made of them again, thus ensuring the circulation of the material. The tray tool is 80-90% cheaper than the paper pulp tool, and the material itself is more durable.

3 Corações cappuccino

Company: 3coracoes
Country: Brazil

Consumer experience was improved, with new closure system. A one-piece cap, with all-in-one foil, induction sealed on wide mouth jars conveyed improve consumer opening, closing and reclosing. A flip top cap, and a pull ring that removes completely the foil eased the experience. Innovative heart shaped design conveyed also ergonomomy.

Innovative heart shaped design that reinforced the brand equity conveyed also ergonomomy improvevemt, specially for consumers with limited movement of hands. Weight reduction was also possible, that lead to less 44 tons a year on the market.



Carton Hygienic Waste Box with Pedal

Company: BAYNDIR AMBALAJ SAN TİC.A.Ş
Country: Turkey

It is environmentally friendly product which is made %100 by recycled content and printing is done by water based ink as well. A mechanism with a cover and pedal is designed to prevent the spread of bacteria and microorganisms. The production and printing is done accordance with The Republic of Turkey Ministry of Environment and Urbanization's "Zero Waste Project".

Carton Hygienic Waste Box with Pedal The fact that the recycling bin of the existing recycling bins was open posed a threat to hygiene. In addition, due to the pandemic period we have experienced, since our hand and personal cleaning are important, a special design made of corrugated cardboard and a pedal cardboard recycling box have appeared for the first time.

KTP EuroStack 128

Company: KTP Kunststoff Palettentechnik GmbH
Country: Germany

- Ideal replacement of wooden Euro pallets and cardboard solutions
- + Reusable plastic container (extremely robust and long-lasting)
- + Closed surfaces (protection from water and dirt)
- + Maximum compatibility (identical pallet measurements for automated handling, use in high rack)
- + Maximum sustainability (made from recycled materials, 7-year service life, 100% recyclable)
- + Genuine 1200x800mm system dimensions, 3 identical longitudinal skids + Optimum internal dimensions + SmartFix® – unique fast and easy handling + Stack-compatible with the Euro pallet and VDA lid + High payloads, even in the high rack + Maximum capacity utilisation in Megatrailer (75% volume reduction in empties)





The racks interlock for easy handling of multiple racks

User Friendly Securing Racks for Door Handles

Company: DS Smith
Country: Denmark

This design is a winner because it clearly increases the performance of the packaging, this being in terms of functionality, internal appearance and user experience. This results in removed problem plastics that are utilized badly, and leapfrogging otherwise incremental improving designs, by creating a holistic solution.

Key selling points and features are outlined in the pictures attached, and the packaging in use can be seen on the link beneath. Link to solution video: <https://www.youtube.com/watch?v=bkbgSAKyMB>

Liquipure® ultra mono-material flexible packaging for bag-in-box

Company: Liquibox
Country: USA

By utilizing patent-pending advanced resin technology, Dow Innate resins and multilayer coextrusion, Liquipure ultra is able to protect liquid products requiring tough barrier properties without the use of nylon. The innovative structure is more durable and robust, and boasts up to three times higher oxygen barrier than the traditional offering.

Designed to meet recyclability guidelines and reduce material consumption, Liquipure ultra is the first mono-material bag-in-box bag that provides moderate to high barrier protection. The unique design eliminates energy and resource intensive processes, making it better for the planet, while still exceeding customer performance requirements.



Sustainable Packaging - Dow All Polyethylene Stand-up Pouch

Company: DOW
Country: Singapore

Dow successfully developed a 100% recyclable solution for flexible Stand-up Pouch. Packaging design is achieved by creating laminates with Tenter-Frame Biaxially Oriented Polyethylene printing substrates using Dow's proprietary INNATE TF80 resin. The ALL-PE design enables high production speeds that were not possible before. The All-PE design enables high production speeds that were not possible before.

Dow Singapore Pack Studios is a packaging expertise center that enables collaboration with our value chain partners to ideate conceptual packaging designs to developing scalable, innovative packaging solutions. Our team's new pouch design and the unique laminate film structure meet the brand owners' very high functional and integrity requirements.



Edgell Supa Crunch Delivery Carton

Company: Simplot Australia Pty Ltd
Country: Australia & New Zealand

The Edgell Delivery Chip and Carton are an innovative and intuitive design that extends the life of the chip so that the consumer has the longest possible time to consume the chips and therefore reducing the amount of food waste at the end of the meal.

This innovation utilises the stack effect to draw moisture out of the chips utilising a shelf in the carton while also being recyclable, FSC certified, stackable, tamper evident and enables reheating in a microwave.



ElifProLite - A Recyclable High Barrier Laminate Solution

Company: Elif Plastik Ambalaj San. ve Tic. A.Ş
Country: Turkey

ElifProLite is a new high-barrier packaging solution. It is fully recyclable due to the mono-material structures / homogeneous composites, suitable for recycling through the available corresponding recycling streams. ElifProLite has excellent film performance and superior processability for high-speed packaging applications. ElifProLite offers excellent aroma protection and prolonged shelf life.

Designed for recyclability. Mono-material structure. Lighter than conventional laminates of the same thickness. Higher product-to-package ratio. Environmental-friendly and easier to recycle. Exceptional barrier for flavors, aromas, and oxygen: 0.1 cc/m²/24hrs Excellent water vapor barrier: 0.5 g/m²/24h Excellent optical properties. Certified as "recyclable" by Interseroh. Contributes product shelf-life extension.

PAPACKS FIBER BOTTLE

Company: PAPACKS SALES GmbH
Country: Germany

The PAPACKS® Fiber-Bottle is a 100% compostable and recyclable bottle made from renewable fiber materials. In combination with the PAPACKS® IMG, an injection molding granulate made of 100% organic composition, which is suitable for fine and detailed constructions, the Fiber-Bottle forms a viable substitute to conventional plastic/glass bottles.

The Fiber Bottle's applications are wide-ranging: from beverage to the household segments. The Fiber Bottle solves the recycling problem of glass and plastic bottles. Through an circular-economy- concept, we reduce packaging waste, as only compostable and reusable materials are given into circulation.



PAPACKS REFILL CAPS

Company: PAPACKS SALES GmbH
Country: Germany

PAPACKS® Refill-CAP filled with products such as cream and/or cosmetic content and inserted into high-quality glass jar. Refill-CAP simply exchanged so that the high-quality cream jar continues to be used. Refill-CAP is made of 100% compostable and recyclable virgin fibers, coating ensures appropriate barrier characteristics dictated by the industry standards.

Refill-CAPS reduce plastic-waste based on circular-economy-concept, through distribution of only compostable/recyclable products. Refill-CAP made through moulded-pulp, utilizing organic virgin-fibers, ensuring recyclability and compostability. Refill-CAP is coated with PAPACKS® Organic Coating, a 100% natural-coating solution including sealing paper. All 100% plasticfree, compostable and/or recyclable. Applicable across major-industries as stand-alone or refill-solutions.



Squeezepak™ Sauce Bottle with 100% Recycled Food Grade Plastics

Company: Wellman Packaging
Country: Australia & New Zealand

Squeezepak™ is a fully recycled squeeze LDPE condiment bottle made with 100% food grade recycled plastic delivering ~12% better top load for ~8% resin use reduction, a 50% reduction in pigment, ~10% more brimful volume, 7% larger label panel and improved hotfill performance via an optimised base punt design.

Circular economy design objectives including 2025 Targets have been fully met. Recycled resin is locally sourced and contact-clear translucent bottles are possible which together with ARL labelling and development of bottle specific identification & recovery program (being formulated) will lead to increased resin recovery rates toward a closed loop system.



ILOHAS Natural Mineral Water Label-Free PET Bottle

Company: Coca-Cola(Japan)Company, Limited
Country: Japan

This PET bottle was developed for special package in E-Commerce channel. This was the first unique design bottle without a label in Japan. This bottle was successful in developing "Label-free bottle trend" in Japan. Stylish design can give a new value even label-free.

For EC users, as for just removing a label from current bottle, it's ok at home. But when they consume out of the house, it does not fit. They cannot appeal brand and they feel poor and not tasty. Iconic design bottle should be required to fit their real occasion.



CO2 recycling - Plastic made from CO2

Company: mibellegroup - Mifa AG
Country: Switzerland

The PET bottle made of CO2 gives us the opportunity to include recycling where food grade PCR material flows are limited and the use of petroleum-based plastics is no longer a solution. In addition, this means that much less CO2 is released into the atmosphere, which also protects our environment.

In 2021, the Mibelle Group is launching PET bottles that are made from 30% CO2, which would otherwise have been released into the atmosphere as a greenhouse gas.

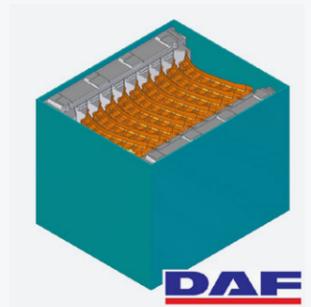


Thermoformed trays supports to save resources in logistics flow of DAF truck's headlight covers

Company: Nefab / Szkaliczki and Partners Ltd.
Country: Hungary

Customer wanted NEFAB/Szkaliczki to design a universal thermoformed tray (size: 1100*415*190 mm) which they are going to implement in their returnable logistics flow, to be used together with a foldable KLT box. PSPE blend has been selected as raw material, due to high precision requirements from customer.

„Card storage” system designed trays, two separate trays need to position the parts due to product geometry. Color strips helps identification, trays can be applied in a deformed KLT boxes as well. Heavy parts required massive tray construction, which is flexible as well. 1:3 return ratio requested considering return logistics.



Liplid - The new drinking experience

Company: Unicap Scandinavia AB
Country: Sweden

Liplid is a winner because it is a better, safer and more enjoyable way to drink on the go. 100% recyclable and 100% bio-degradable.



Functional Barrier Papers - a complete range of recyclable barrier papers for sustainable packaging solutions

Company: Mondi Functional Papers and Films
Country: Austria



Mondi's functional barrier papers can replace plastic films and laminates traditionally used for FMCG and consumer products with a recyclable and renewable solution. It reduces the amount of plastic by replacing it with a renewable raw material that has specific mechanical properties such as puncture resistance, flexibility, printability and barrier protection.

Designed with protection in mind, this range of certified recyclable barrier paper solutions is fully integrated into Mondi's value chain - from paper production to barrier application - and can be used on existing filling lines for form-fill-and-seal (FFS) applications.

SBP Dupla Proteção

Company: Reckitt
Country: Brazil

SBP Dupla Protection is the first aerosol in the Brazilian pesticide market that has a double-jet cap. There are two sprays in a single aerosol can that allow differentiated action, both for flying and crawling insects. The unique swivel cap has three distinct positions: directed jet, lock and wide spray.

Functioning - The targeted jet quickly paralyzes and eliminates crawling insects, while the wide spray provides better coverage against flying insects. Uniqueness - This product brings an innovative solution - A disruptive packaging & cost optimized solution with dual functionality in a single product to kill flying & crawling insect.



Eco-fix for bottles

Company: THIMM THE HIGHPACK GROUP
Country: Czech Republic



Sustainable set of corrugated cardboard fixings replace polystyrene fixings. They are 100% reliable – no complaints have arisen since the beginning of use. Easy folding and handling – the bottle is inserted from the top into a fixation, which is then closed on both sides by corrugated cardboard partitions.

These partitions on the bottom and the top of the packaging create deformation zones that protect bottle during transport. The wine inside the fixation is then placed in the shipping box, which creates deformation zones on all sides. Fixation is produced in different variants for different sizes of wine bottles.

Naturecycle - The first 100% PCR film for high performance packaging

Company: Plastiweber
Country: Brazil

Naturecycle films are made of 100% PCR (Post-Consumer Recycled) plastics, they are design for high performance packaging, and are totally align with the Circular Economy, projecting a really upcycling to LDPE films, that where before disposed on landfills or recycled to less noble uses. Our company is also certified EuCertPlast.

We develop this Project, to replace 100% VIRGIN films, meeting a demand from brandowners who are interested in using circular economy products. In addition, our company recycles LPDE, LLDPE and HDPE films, which we use on the films production.



The Good Refill System for Shampoo

Company: P&G
Country: Germany

We support our consumers desire for a more sustainable beauty routine with our Good Refill System for Shampoo, which uses 60% less plastic compared to regular plastic bottles and comes with an appealing durable AI-bottle with a convenient pump dosing system.

P&G wants to create a more sustainable future together with our amazing industry partners.

NIR marker for plastic cartridges

Company: Tailorlux GmbH and Fischbach KG
Country: Germany



By marking HDPE cartridges using UV screen printing inks, they can be detected via a hyperspectral camera and sorted out from the material flow at high conveyor belt speeds without any effort using conventional sorting technology. The recycling process of HDPE is no longer contaminated with silicone residues.

The innovation not only enables critical packaging to be sorted out, but it can also be used to separate other polymers such as Food and Non-Food PET or PP. This sorting solution means that a closed cycle is no longer a fantasy for the future and can already begin today.

100% rPET Preforms & Bottles for Homecare

Company: Wellman Packaging & Colgate-Palmolive
Country: Australia & New Zealand

Colgate-Palmolive, in a market first, converted 100% of their Australian surface cleaners over to 100% recycled PET content for all bottles, produced efficiently on-site in 2-stages from preforms and with zero pigments via compatible shrink sleeves, thus increasing the recycling recovery rates for these market leading products.

For a fully holistic environmental solution, the conversion to 100% rPET coincided with Colgate's launch of new ECO enviro-sensitive formulations, new pack shapes improving supply chain efficiency, PET compatible label stocks, unpigmented closures and mono-material, metal-free PP trigger sprays -- together setting the tone for the market to follow.



Mondi's EcoWicket Bag made of paper helps reduce plastic consumption and carbon footprint

Company: Mondi Consumer Packaging GmbH
Country: Austria

Mondi's EcoWicketBags are a paper-based packaging solution that provides an alternative to traditional plastic packaging for hygiene products such as nappies, bringing paper-based packaging to the hygiene market worldwide. They reduce plastic consumption and are made from a renewable resource - paper.

A key advantage of using paper-based solutions is that paper is recyclable. The EcoWicketBag can be added to existing paper streams, even in countries with the strictest recycling regulations, supporting the circular economy. The carbon footprint of EcoWicketBags is significantly reduced through the use of renewable raw materials.



Color crème tube from recycled Aluminum

Company: WELLA Company
Country: Germany

We introduced a Aluminum tube for Color Crème made from 100% (1) recycled Aluminum with a caps made from up to 100% recycled plastic. Packed in a Folding box made from 85% recycled cardboard.

(1) 95% post-consumer recycled aluminum and 5% post-industry recycled aluminum
<https://www.wella.com/professional/en-EN/about-wella/what-we-do/our-approach-to-eco-hair-color#>



BioPak Oyster Trays (Blue Harvest)

Company: BioPak
Country: Australia & New Zealand

Seafood transportation has its challenges as it is a high-temperature sensitive product that cherishes quickly after harvest. These oyster trays provide a sustainable alternative to plastic and PS trays. Made from rapidly-renewable sugarcane pulp, they are certified home (AS5810) and industrially (AS4736) compostable to Australian Standards.

Plastic is a significant pollutant in the ocean and as such, those within the seafood industry are seeking ways to help reduce the amount of plastic used within their operations. We created a solution with the equivalent functional performance of plastic containers that were previously used for this application.

S-Liner Peel unsurpassed purity for bucket reuse

Company: Saier Verpackungstechnik GmbH
Country: Germany

The S-Liner Peel is a successful combination of improved sustainability and water savings paired with convenience. The bucket is equipped with an easily removable inner liner. By removing the contaminated inner liner, the bucket can be reused without cleaning or easily recycled. Environmental protection, recyclability and avoidance of hazardous waste.



The Pure-Pak Imagine carton

Company: Elopak
Country: Norway

The most sustainable beverage carton on the market. Designed with a new easy open feature to replace the plastic cap, 100% forest based, made with natural brown board which has one less layer, fully renewable and carbon neutral - the perfect low carbon, circular economy approach to packaging.

Opening is designed to be intuitive for the consumer to form a carafe shape. No requirement for a plastic screw cap, made with materials requiring less chemicals and processing, using ethically, sustainably sourced materials, 10 times less plastic than a PET bottle, 46% less plastic than carton with a cap.



A new paradigm for cardboard boxes "Butigo"

Company: PICOPICO
Country: South Korea

PICOPICO's paper box fixing device "Butigo" is a tool that firmly holds the lower and higher part of the paper box without having to use plastic tapes or strings. And it is easy to carry and has no risk of damage, so it can be used semi-permanently.

The structure of the cardboard box is composed of a body storing goods and 4 outer covers covering them. Butigo can make a stable cardboard box without tape or string by firmly fixing the two intersections where the outer cover meets.

D.FINE (Next Generation mLLDPE)

Company: DL Chemical
Country: South Korea

D.FINE® is film and flexible packaging material, which preserves outstanding toughness and process-ability for plastic packages as heavy-duty sacks, cosmetic tubes, etc. It is the high quality mLLDPE that drastically reduce the amount of plastic used by reducing film thickness by 30-40% OR increasing recycled resin content up to 50%.

Compared to standard products up to 50% virgin polymer content were reduced, leading to significantly lower CO2 emissions. D.FINE®'s slogan is "Define New Standards for the Fine World." Our goal is to define the standards of new plastics through the best performance and eco-friendliness as well as long-lasting properties.



Villeroy & Boch

Company: Smurfit Kappa
Country: Mexico

For this project we replaced EPS (Expanded Polystyrene) inserts for a cardboard die cut structure in order to create a new integral design, which is 100% sustainable and a lot more functional during its shipping. This package reflects our client's elegance and counts with an easy and fast assembly.

The way in which our client assembled their toilet packaging before our design was that they put the toilet in a regular slotted box and filled it with EPS (Expanded Polystyrene) inserts, a material that takes too long to decompose. With this we lowered their transportation and inventory costs.

"Compostable AntiRust VCI Film"

Company: Safepack Industries Ltd.
Country: India

As corrosion has been a costly enemy for metals and associated industries, an eco-friendly protective packaging material has been sought world-over. Safepack's R&D relentlessly worked on compatible protective molecules to develop a reliable Compostable VCI film, which prevents corrosion and does not cause harm to the environment throughout its lifecycle.

Compostable VCI film is unique combination of proprietary Volatile Corrosion Inhibitors (VCI) and ASTM 6400 and EN13432 certified compostable resins, designed for protection of Ferrous & Non-Ferrous metals (Multimetals) against corrosion. Compostable VCI film's uniqueness has been appreciated by the SIES Star Award & the IFCA Star Award 2020.



ECOBY-OPP (High barrier OPP film for recyclable uni-materials)

Company: YOULCHON CHEMICAL
Country: South Korea

ECOBY-OPP is a bi-axially oriented polypropylene film that is transparent and has oxygen and moisture barrier properties that can replace aluminum materials. This can realize uni-material packaging design. Therefore, it can be applied to various eco-friendly flexible packaging such as labels, pouches, and food bags.

Especially in the food sector, barrier properties are essential to ensure that products are durable and remain fresh. PerFORMing combines the recyclability of paper with the essential barrier properties of a thin plastic coating to keep food fresh and avoid waste.

PET bottle made of 100% post-consumer recycled materials (50% from the Yellow bag)

Company: Werner & Mertz and ALPLA Werke Alwin Lehner GmbH & Co KG
Country: Germany

Together with our cooperation partner ALPLA, we achieved the seemingly impossible: we succeeded in increasing the proportion of recycle from the yellow bag in PET bottles from 20% to 50%. The remaining 50% come from the European beverage bottle collection (Bottle-to-Bottle) – that's a quantum leap in recycling!

We develop our products according to the Cradle-to-Cradle® design principle. According to this principle, crude oil that was once used for the production of plastics remains in the cycle and is not irretrievably burned. This is how a bottle can be turned into a bottle again.



NEXTLOOPP - Creating a Circular Economy for Food-Grade Polypropylene
 Company: NEXTOOPP LTD
 Country: United Kingdom

Single-use food packaging is now prolific in today's society, creating both an enormous waste stream and carbon emissions. The largest portion is made from Polypropylene (PP). To enable waste to go back into packaging, NEXTOOPP is creating food-grade recycled polypropylene (FGrPP); building a low-carbon circular economy for post-consumer PP packaging.



NEXTOOPP uses two unique innovations that involve invisible UV-fluorescent markers on labels for sorting and cutting-edge decontamination technologies. Recent sorting trials achieved a 99.9% sorting purity at maximum production speed. This, combined with collaboration from 37 participating organisations across the FGPP supply chain, will help solve the PP packaging crisis.



original packaging

Multipurpose PE bag

Company: Chemosvit Folie
 Country: Slovakia

Chemosvit Folie has developed sustainable solution of toilet paper packaging. The pure PE structure was chosen to be fully recyclable. The film contains PCR (post-consumer) and PIR (post-industrial) mechanical recycle, by which the resources are spared. Thickness reduction of the packaging by 5-10 microns means further saving of the raw material. After the contents of the package is used, packaging could be used as a plastic bag for domestic waste. The litter bag, together with other plastic waste, gets to mechanical recycling line and it can be used again as PCR regranulate for new film production and close the loop.

Water-based Inks 'FLEXAQUAPAP' for Food Wraps by UFlex Chemicals Business
 Company: UFlex Limited
 Country: India

Water-based Inks 'FLEXAQUAPAP' for Food Wraps: Ready-to-eat takeaway meals packaging materials are witnessing a paradigm shift. Paper wraps are replacing aluminium and plastics in food and beverages industry. FLEXAQUAPAP a water-based ink by UFlex is an eco-friendly and safe to pack on-the-go-meal that also helps brands meet sustainability goals.

FLEXAQUAPAP ink is highly pigmented and used on flexo presses with variety of non-absorbent substrates such as butter & grease proof papers where printing is difficult. It complies with stringent global food safety regulations, like FDA, Swiss Ordinance, article SR 813.023 and IS 15495:2020 Printing Inks for Food Packaging.



WorldStar Awards 2022 (Packaging Materials and Components)
 Water-based Inks 'FLEXAQUAPAP' for Food Wraps by UFlex Chemicals Business



Pinwheel box (box that doesn't need tape)

Company: BOX Co., Ltd
 Country: South Korea

Pinwheel box (box that doesn't need tape) Perfect sealing is possible without the need for tape. Eco-friendly packaging is possible with 100% paper material. It is optimized for delivery and transportation because it is not easy to open from the outside.

VentX Unico - Ventilated Pallet Wrapping Solution

Company: Omni Group Pty Ltd
 Country: Australia & New Zealand

VentX Unico is the world's most sustainable, effective, and innovative ventilated pallet wrapping solution. Designed to significantly reduce the amount of film required to wrap a pallet, VentX Unico is guaranteed to reduce plastic usage by over 50%! This is all achieved while drastically improving load ventilation and containment.

<https://www.omnigroup.com.au/ventx-unico-ventilated-pallet-wrapping-solution/>

6 Advantages of VentX Unico: • Reduce plastic usage by over 50% • Help our environment with sustainable packaging • Save on wrapping costs by halving usage • Prevent damaged produce with improved load ventilation • Achieve optimum pallet load containment • Save on energy consumption & electricity costs.



50% REDUCTION IN PLASTIC

20% REDUCTION IN COST

Reduce your plastic waste and wrapping costs without compromising load containment.

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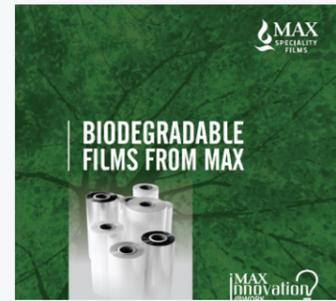


Biodegradable BOPP: a new approach for next-gen recyclable and biodegradable flexible packaging solution.

Company: MAX SPECIALITY FILMS LIMITED
Country: India

Biodegradable BOPP- a new approach for recyclable and biodegradable packaging addresses all challenges in flexible packaging. This new grade BOPP that can be recycled and if littered will be degraded harmlessly. It's truly biodegrade, rather than turning into microplastics. Upon degradation in soil it turns into CO2, H2O and Biomass.

Max Specialty Films together with Polymateria Ltd, UK has been working on developing a new grade Biodegradable BOPP. This advanced technology uses sunlight, moisture and microbes present in the soil synergistically and biodegrade the polymers to CO2, H2O and Biomass in 6 months to 3 years' time.



Dettol Hand Wash Bottle 100% Recycled

Company: Reckitt Benckiser India Pvt Ltd
Country: India

As a pledge toward Sustainability Reckitt India has launched REACH compliant Dettol Hand wash bottle with 100% recycled plastic with non carbon masterbatch.

Contribution Toward Environment:

1. Saved approximately 3.3 Tonnage of Virgin Plastic and 20,000 Liter of Water
2. Reduced emission of Carbon Dioxide approximately 2.046 Tonnage

Key highlights of the Pack: 1. 100% Recycled No virgin plastic used for manufacturing 2. All the functional and critical performance parameter were at par with the existing Virgin plastic resin bottles. 3. Study proves that the product retain all of its characteristics throughout the shelf life in recycled bottle.

PET FOOD

PET food mono-material pouch

Company: Thanh Phu plastic packaging
Country: Vietnam

this is a high performance mono-material MOD-PE laminated PE bag, fully recyclable including matte and Haptic varnish. the printing on MDO-PE is printed both side, color printed on reverse side and 2 varnish registered printed on surface side, 2 varnish is Haptic and matte varnish created good aesthetic appearance.

We are supplying such structure bag and pouch to the market, base on confidential reason please allow us to submit the promotion bag as the award entry. This entry is made by 30µm MDO-PE film laminated to 130µm PE film.



Upland

Company: Smurfit Kappa
Country: Mexico

We designed a final solution for our client (Super Premium Pet Food Segment) that uses a paper bag primary packaging which was designed based on our own cardboard packaging solution, helping to reduce the environmental impact a regular plastic or metallic bag for dry pet food causes.

For this market, packaging functional solutions were only metallic pouches or plastic bags, which didn't match with our client's sustainability promise. Our solution delivers remarkable differentiation for our client, being the only brand using a cardboard packaging in Super Premium Dog Food segment.

Bubeck E-Commerce Verpackung und Hundekorb

Company: DS Smith Packaging Deutschland Stiftung & Co. KG
Country: Germany

The three-part e-commerce shipping box made of 100% corrugated cardboard ensures absolutely safe transport of Bubeck Petfood products, even with heavy weights, thanks to its clever insertable base and U-shaped insert. During the campaign period, orders weighing 20 kg or more were shipped in this box.

With just a few simple steps, the bottom-part can be converted into a hexagonal-dog-basket using the "do-it-yourself"-method and can thus continue to be used. Dog-owners have shared photos of their pets in the corrugated-cardboard-basket online. This emotionally charges the brand and contributes to repeat-purchases. The innovative-solution is 100% recyclable.



ALL-IN-ONE-Sales tray

Company: Dunapack Packaging-Mosburger Wien
Country: Austria

This packaging features skilfully assembled elements: scissor closure that does not require packaging aids such as adhesive tape. Cleverly solved bottom construction, which fixes the contents from the inside and makes an additional shipping insert superfluous. The sales staff can open the scissor closure without tools.

This combination of various new and existing construction elements makes this tray an extremely innovative and exciting Shelf Ready Pack solution with very great potential for the trade. The construction is a pure corrugated cardboard box. It does not require any additional gluing aids when closing-and is therefore 100% recyclable.

POINT OF SALE

Sustainable and practical counter display

Company: THIMM THE HIGHPACK GROUP
Country: Czech Republic

Czech dentists use this practical display. The whole display is made of corrugated cardboard and is finely digitally printed, which makes the products stand out. All exhibited products have their own holes on the top of the display, in which the products perfectly fit. Great advantage is internal storage space.

The inner parts of displays are usually not used. Developers from THIMM gave this usually empty space a great function – it has become a lockable internal storage space. The products can therefore be easily filled and no additional space needs to be reserved for their storage.



Origami lamp packaging

Company: ZPR PRINTING GROUP CO.,LTD/Li Fuyin Li Xiaoqin Liang Huilan
Country: China

This is a package project to solve environmental problems. The package not only protects the origami lamp, but also constitutes a part of the product, forming an excellent identification.

This project uses degradable paper material to replace plastic appearance. This revolutionary attempt not only greatly saves the cost of developing abrasive tools, but also realizes 100% plastic reduction.



Winoteka Netto

Company: Smurfit Kappa Polska Sp. z o.o.
Country: Poland

Free-standing display made from corrugated board, which is a ready-made solution based on the cross-sell marketing technique. The displays create a visually attractive brand image in the shopping alleys by offering customers individual wine bottles packed in bags in three different colours, or a basket filled with six wine bottles.

This was exactly the design idea – to make shopping easier for the customers. The display is delivered to the stores folded, stocked and ready for quick display after removing the transportation lid.



Toolbox XL

Company: Mondi
Country: Austria

The Toolbox XL beats conventional 6-bottle carriers in design and capacity, providing space for 12 bottles with good product visibility. It is easily transportable and even stackable. The packaging is highly stable, with double corrugated offset laminated on both sides, so can also be used as a storage box later.

Inspired by toolboxes, this is an eye-catching packaging design, and an ideal gift. A cambered double groove fixes bottles inside and outside. The client initially considered a plastic handle, but we were able to make the handle with 100% corrugated cardboard, further cementing the pack's sustainable and recyclable credentials.



POINT OF SALE

Corrugated cardboard sales table

Company: Dunapack Packaging-Mosburger Straßwalchen
Country: Austria

Tables made of printed corrugated cardboard that create a uniform overall appearance. The stand-up tables are delivered flat, including the sales item, in pallet-optimised overhead cartons. With the help of the assembly video, the sales stand can be set up in just a few minutes.

The unsold goods are returned in the small return boxes provided. The volume of returned goods is therefore reduced by 90%. The cleaning and storage of the sales tables is completely eliminated. The appearance can be adapted every year with a new advertising message.



Tree Display - Staedtler

Company: Panther Packaging GmbH & Co. KG
Country: Germany

This self-supporting display with a rustling 3D-tree is an eye-catcher at every POS. It appeals to all senses and guarantee attention of every customer. The printed image visualizes nature aspects and symbolizes Staedtler's sustainability thoughts. It fits perfectly into the marketing strategy and helps to improve brand awareness.

This display with 1/2-pallet basic dimensions presents products on euro hooks and accepts upright products in hanging trays and a floor tray. It offers plenty of space for products on up to six levels on front, back and narrow side. It is completely made of corrugated board, and therefore recyclable.

Marabou PREMIUM Display

Company: Smurfit Kappa Sweden
Country: Sweden

Intelligently designed, premium looking and stable display which supports the brand well. In the store the back cover will be opened, and two extra shelves are easily placed on top of the display. Fits more products per display, increases utilization of empty space and leads to optimized transports.

The transportation box is used for building the display in the store. Decreased display cost per chocolate cake as 12 more SRPs can be added. By placing the shelves on top the wish to get the highest display as possible to increase visibility in store is being fulfilled.



TRANSIT



Corebox

Company: Amazepack
Country: Poland

Full product safety 10.2 tons of static strength – confirmed by tests. Corebox meets ISPM15 phytosanitary standards. Craft coating: for protection against moisture. Dimensions and equipment tailored to customer needs. Made of recyclable material. Up to 80% lighter than substitutes. Can be fully printed. COREBOX is 100% recyclable.

Quick and efficient installation without the need for tools therefore improved ergonomics: the work is lighter and at the same time more efficient, thanks to the low weight of its own cardboard container.

Royal Crown Packaging

Company: Royal Crown Packaging Limited
Country: Ghana

Kalahari Bitters, blend of herbs from Africa inculcates the Spirit of Ghana with the Red dominant colour, to portray vitality, boldness, the life-giving power of blood, and helping people in need. The Deep Blue colour, a touch of Yellow gives you a feel of relaxation, calmness after all the actions.

Carton is made with paper from sustainable sources with the perfect paper combination, having the required strength to give the drink the needed support during transit. • Exquisitely designed and printed in three Pantone colours Accurate precision and perfectly glued. • Phenomenal print Quality and sharpness in details • Eco-friendly.



THINK OUTSIDE THE BOX.



boxing the Unboxable

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Foldable logistic container with plastic legs

Company: Green Packaging Kft.
Country: Hungary

This foldable container is an answer for the global wood shortage on the market and the increasing price of the plywood. Because of USA deliveries were must to use plywood pallets in the past from Adient Hungary site. New design is the next: new bottom design with plastic legs.

Plastic leg with the new bottom solution of the box is a winner situation for the customer. Plastic is not covered by IPPC therefore allowed to use USA deliveries by their customer. And the main result: with this new design customer save 345.000 Eur / year.



1/6 Pallet

Company: CHEP Australia
Country: Australia & New Zealand

To be compatible with existing infrastructure, the new platform includes features to ensure it can be stored, stacked, and transported safely with other supply chain equipment from manufacturer straight through to retail floor. The Pallet was specifically designed to be 1/6 the size of an Australian timber pallet.

It facilitates a pre-built display full of stock and could suit material handling equipment and automated warehouses. It allows stock to be shipped as a complete unit directly from warehouse to store, reducing manual handling, high waste associated with cardboard displays and the number of times a unit is touched.

Hubert

Company: Smurfit Kappa
Country: Czech Republic

DZ Dražice refused packing a new ecological heat pump in polystyrene. Elimination of single-use plastic is one of their priorities. That's why Hubert was born. Only corrugated is used, without plastic and any EPS protection. New bottom carries a 25kg pump as well as protect pipe connections. Packing is quick&easy.

The required ergonomics of the packing is accomplished also by the two-part sleeve, which protects the product and provides deformation zones from all sides with clever cuts. The customer appreciates zero initiation costs (cliches or dies) for his orders in dozens because of digital print is being used.



(Un)-Lock System

Company: Mondi
Country: Germany

Two-piece packaging created for client's new vacuum process, which lifts the pack from above. New lid construction can-be locked easily by-pushing to the lower part of the pack. Compared to previous packaging:

- no dimension changes
- no additional costs

Existing bottom gluing machine still can be used without changing the parameters.

Once the lid and bottom part are locked to each other the clever function provides a secure locking and lifting process (with vacuum machine) without using any glue or tape. Made of 100% paper. Optimal closing option to ensure fully automated warehouse distribution and changing handling processes of retailers are met.

Vaccine Protector

Company: Planet Protector Packaging Pty Ltd
Country: Australia & New Zealand

The Vaccine Protector is a 100% sustainable alternative to expanded polystyrene boxes for the transport of frozen vaccines, with all components fully recyclable or compostable. The packaging design consists of three key components: a wool knop liner, encased in a metallised polyethylene film and an outer corrugated carton.

1. Wool knops: allows for a 65% reduction in wool material usage, whilst maintaining superior thermal protection. 2. Metallised Radiant Barrier: can maintain -20°C for over 60 hours. The wool is compostable and the liner is recyclable through the REDcycle soft plastics program in Australia.

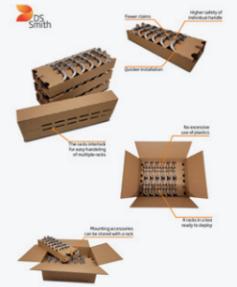


User Friendly Securing Racks for Door Handles

Company: DS Smith
Country: Denmark

This design is a winner because it clearly increases the performance of the packaging, this being in terms of functionality, internal appearance and user experience. This results in removed problem plastics that are utilized badly, and leapfrogging otherwise incremental improving designs, by creating a holistic solution.

Key selling points and features are outlined in the pictures attached, and the packaging in use can be seen on the link beneath. Link to solution video: <https://www.youtube.com/watch?v=bkbogSAKyM8>



VentX Unico - Ventilated Pallet Wrapping Solution

Company: Omni Group Pty Ltd
Country: Australia & New Zealand

VentX Unico is the world's most sustainable, effective, and innovative ventilated pallet wrapping solution. Designed to significantly reduce the amount of film required to wrap a pallet, VentX Unico is guaranteed to reduce plastic usage by over 50%! This is all achieved while drastically improving load ventilation and containment.

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KTP EuroStack 128

Company: KTP Kunststoff Palettentechnik GmbH
Country: Germany

Ideal replacement of wooden Euro pallets and cardboard solutions

- + Reusable plastic container (extremely robust and long-lasting)
- + Closed surfaces (protection from water and dirt)
- + Maximum compatibility (identical pallet measurements for automated handling, use in high rack)
- + Maximum sustainability (made from recycled materials, 7-year service life, 100% recyclable)
- + Genuine 1200x800mm system dimensions, 3 identical longitudinal skids + Optimum internal dimensions + SmartFix® – unique fast and easy handling + Stack-compatible with the Euro pallet and VDA lid + High payloads, even in the high rack + Maximum capacity utilisation in Megatrailer (75% volume reduction in empties)



TOYS

Babbit

Company: Stora Enso
Country: Latvia

This winning package demonstrates that with accurate engineering and thoughtful design it is possible to use sustainable materials to give an engaging unboxing experience, ensure safe transportation, and comfortable carrying of the product all in one package and still compliment the aesthetic look of the product.

Babbit is an innovative Hi-Fi Spotify speaker for children. The main focus for the packaging is to add extra value - achieve unique packaging that gives an adventurous opening experience, protects the product, is comfortable to carry, and uses fully renewable and recyclable materials to reach the highest sustainability goals.



Bubble Tree Refillable Bubble System

Company: TRIVIUM PACKAGING
Country: USA

This eco-friendly bubble system eliminates single-use plastics by using refillable aluminum bottles and an innovative corrugated refill system. The bottles are 100% infinitely recyclable, non-slip, and are easy to hold with an ergonomic grip. Designed to minimize spillage and maximize portability, a wand is integrated into the cap.

The fun, bright design includes a spot for children to write their name and uses a soft touch printing process that feels velvety. The easy-to-use refill system allows children to fill their bottles independently. The system is the first of its kind to be manufactured and sold in the USA



About LibanPack



Providing Innovative Sustainable Packaging Solutions

LibanPack, the Lebanese Packaging Center, was founded in 2008 as a non-profit private sector association representing stakeholders from the food and packaging sectors in Lebanon. It stands as a national central point for all economic operators concerned with packaging, including: manufacturers, users, converters, suppliers, designers, testing institutions, packaging specialists, providers of training and educational programs and students.

Services



www.libanpack.org



The First Arab Professional Packaging Competition!

Categories of the Competition



www.arabstarpack.org

SPECIAL AWARDS

PRESIDENT'S AWARD



Functional Barrier Papers - a complete range of recyclable barrier papers for sustainable packaging solutions

Company: Mondi Functional Papers and Films
Country: Austria

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Designed with protection in mind, this range of certified recyclable barrier paper solutions is fully integrated into Mondi's value chain - from paper production to barrier application - and can be used on existing filling lines for form-fill-and-seal (FFS) applications.





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Companies + FMCG

Headquarter:
São Paulo

The national body that gathers and represents the packaging industry in Brazil.



ABRE works as a hub connecting the packaging ecosystem, creating a collaborative network.



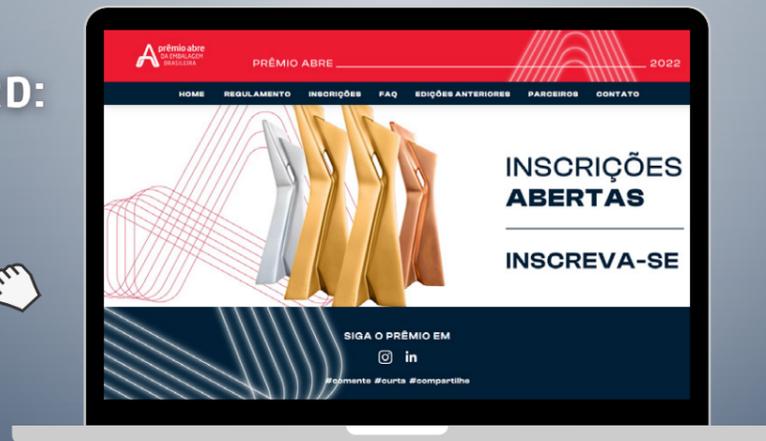
ABRE leads its members for a sustainable development and for the valorization of the national packaging industry and its professionals.



ABRE follows the movements of the new economy to stimulate competitiveness, building the understanding of what are the key drivers for business growth.

The Brazilian Packaging AWARD:
22 years of excellence!

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ABRE Associação Brasileira de Embalagem

About ABRE :
abre@abre.org.br
www.abre.org.br

PACKSYS Capsule Dispenser
Company: PACKSYS GmbH
Country: Germany

Our Capsule Dispenser is the perfect packaging solution for pharmaceutical capsules, especially designed for people with declined motor function. The lockable actuator can be pressed with little force - releasing the capsule into the dosing cap - one capsule at a time - to be ingested without touching the capsule.

Made of pharmaceutical compliant PP + steel spring, which makes it fully recyclable. Machine filling due to cylindrical design. Can be equipped with desiccant capsule for moisture-sensitive products. Allows fast and accurate dispensing which is a great benefit for nursing staff. One-hand operation. The dispenser is refillable. See video: <https://packsys.de/en/packsys-innovations-capsule-dispenser/>

BeeeerBox
Company: Smurfit Kappa
Country: Czech Republic

The family brewery Zichovec expanded to Europe and needed safe packaging. The original didn't meet high demands for the glass bottles protection. We've developed BeeeerBox with a one-piece insert for 3 bottles. Thanks to the deformation zones, the insert perfectly protects each bottle separately. But the packaging is universal, designed also for cans. The full package can hold 12 bottles or 24 cans. BeeeerBox has passed the carrier's drop tests and withstands demanding transport across Europe. Thanks to BeeeerBox the packaging&transport costs have fallen by 40% and the customer experience has significantly improved. Premium beer finally has a premium packaging.



"Compostable AntiRust VCI Film"
Company: Safepack Industries Ltd.
Country: India

As corrosion has been a costly enemy for metals and associated industries, an eco-friendly protective packaging material has been sought world-over. Safepack's R&D relentlessly worked on compatible protective molecules to develop a reliable Compostable VCI film, which prevents corrosion and does not cause harm to the environment throughout its lifecycle. Compostable VCI film is unique combination of proprietary Volatile Corrosion Inhibitors (VCI) and ASTM 6400 and EN13432 certified compostable resins, designed for protection of Ferrous & Non-Ferrous metals (Multimetals) against corrosion. Compostable VCI film's uniqueness has been appreciated by the SIES Star Award & the IFCA Star Award 2020.

Japan Packaging Institute (JPI)

Japan Packaging Institute (JPI) was established in March 1963, and was upgraded to a legal entity in June by the Minister of International Trade and Industry. With the doctrine of "Challenging the future of packaging by means of originality and ingenuity", the juridical foundation, Japan Packaging Institute, has been promoting the rationalization of production and distribution as well as consumption through improvement and elevation of the packaging technique and thereby contributing to the progress of Japan's economy.

- Headquarter : Tokyo
- Branches : Sapporo, Sendai, Nagoya, Osaka, Fukuoka
- Number of Members : 1,200 companies
(Packaging Industry:700, Users:400, Logistics Industry:100)

Business Outline

- Developing packaging specialists at the basic, intermediate and upper levels and in each specialty field by organizing seminars, study sessions and observation visits.
- Issuing newsletters, journals and packaging-related publications
- Performing secretariat duties for the ISO in the management of ISO/TC/122 (Packaging) to develop ISO standards
- Exchanging information and working together with packaging-related organizations in and outside of Japan
- Conducting surveys and R&D related to packaging, consultation and guidance concerning packaging
- Holding biennial packaging exhibitions TOKYO PACK since 1966 : TOKYO PACK is one of the Asia's major international packaging exhibitions, primarily featuring packaging materials, containers and machinery and covering all the phased from procurement, production, distribution, sales, consumption and disposal to recycling.




JAPAN PACKAGING CONTEST

The Japan Packaging Contest is held every year with the aim of promoting development and spread of high-quality packages as the nation's greatest and most influential contest in the field. The categories are: Technical Packaging, Appropriate Packaging, Packaging Idea, Packaging Design, Accessible design, Logistics, Food, Confectionary, Beverage, Cosmetics, Gift, POP, Pharmaceutical and Medical Packaging, Toiletry Packaging, Daily Necessities and General Merchandise Packaging, Transport, Electric Equipment Packaging, Industrial Packaging and Large-sized Equipment Packaging.

All packages winning awards in the JAPAN PACKAGING CONTEST 2022 will be displayed at TOKYO PACK 2022 which will take place from October 12 to 14.




JAPAN PACKAGING INSTITUTE

Togeki Bldg. 10F, 4-1-1 Tsukiji, Chuo-ku, Tokyo, Japan
Tel: +81-3-3543-1189 E-mail: tokyopack@jpi.or.jp
<https://www.jpi.or.jp/>



TOKYO PACK SECRETARIAT

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Tel: +81-3-3543-1189 E-mail: tokyopack@jpi.or.jp
<https://www.tokyo-pack.jp/en/>



hvb HiPack

Company: hvb Innova AG
Country: Switzerland

The packaging allows partial removal of the contents and reclosing of the packaging. It offers easy and protected transport of the product and leaves the product in a hygienically perfect condition, as unwanted access to the product is no longer possible.

The presentation of the product in the shop is optimal because the packaging can also be hung up. The lid construction is designed so that light, dry products can be presented vertically or suspended through the lid with Euro hole. The base construction can be made liquid-tight, among other things.



IceCoat - Mini fridge without electricity

Company: STREIFFGruppe-Sven Holger StreiffandMaik Bermeitinger
Country: Germany

The IceCoat combines in an innovative way sustainability, convenience, secondary use and reusability in a sales-packaging. This never before seen sales-promoting unit is made entirely of cardboard material, into which water is frozen to keep the packaged good cool for a while. This novelty is a front-runner for the WorldStar-award.

The packaging material of this innovation is not a conventional composite material with barrier coatings (PE-films), but a novel substrate with a plastic-free barrier for watertightness. The (folding) box contains an inner compartment with the packaged goods, which is surrounded by an ice jacket on five sides.



Junee Prime Lamb and Sealed Air for CRYOVAC brand Total Bone Guard

Company: Sealed Air
Country: Australia & New Zealand

Cryovac brand Total Bone Guard (TBG) safeguards high value bone-in proteins by protecting against physical damage and product spoilage. Bone guard protection is positioned where protection against puncture and abrasion is needed most, and enables a chilled shelf life of 90 days. For local or export markets, TBG saves food.

Instead of increasing the gauge of the entire bag to protect against puncture and abrasion, the 150um bone guard patch is placed over sharp bones, where risk of puncture is high. TBG eliminated waste and solved Junee Prime Lambs food waste challenges associated with packaging and distributing its bone-in products.

A SCANSTAR PROVES THAT
YOUR PACKAGING INNOVATION
IS SUCCESSFUL!



Each year companies in Denmark, Finland, Norway, and Sweden compete in the the ScanStar packaging competition. It is the most prestigious packaging award in the Nordic Countries, and the winners are proud of it.
A ScanStar award is also a ticket to enter the WorldStar competition. ScanStar is a joint Nordic packaging competition held annually since 1969 by the Scandinavian Packaging Association.
This year's award is organized by The Norwegian Packaging Association.

Who are allowed to participate?

- Packaging solutions designed, constructed, or manufactured in one of the Nordic Countries;
- Packaging solutions made in other countries, but distributed or commissioned by a Nordic company may also participate.

Packaging entries must have been marketed before the entry date and must not have participated in previous ScanStar competitions. Find the entry form for ScanStar 2022 at emballasjeforeningen.no
Deadline for entry submission is 1 June 2022.

ABOUT US

As a member of the Norwegian Packaging Association you get access to Norway's largest network of other like-minded businesses and people who are working together to optimize the packaging industry.

We represent the packaging industry in matters concerning the government and offer a wide variety of seminars, classes, and presentations. In addition to our projects in Norway, we collaborate with other packaging associations in the Nordic countries and outside the Scandinavian Packaging Association.

The Norwegian
Packaging Association

THE NORWEGIAN PACKAGING ASSOCIATION

The Norwegian Packaging Association is the interest group for every branch of the Norwegian packaging industry. With over 50 years of experience our organization works for a greener, more sustainable future in packaging.



OUR VALUES

- **Knowledgeable:** Everything we do and decide is based on facts and science.
- **Innovative:** We look to the future. New solutions might be better than the old, tried and tested.
- **Inspiring:** We motivate our members to be at the forefront of science, research, and technology to find new solutions.
- **Inclusive:** Everyone is welcome on our journey to the future of packaging.

STAY IN TOUCH

www.emballasjeforeningen.no
post@emballasjeforeningen.no



SUSTAINABILITY AWARD



rPET school milk cup: fully recyclable cup made from recycled material

Company: PET-MAN, Starlinger viscotec, Greiner Packaging, Schulmilchbauern Oberösterreich
Country: Austria

Three companies (recycling technology producer, sheet producer, packaging producer) and Austrian school milk producers established a closed recycling loop for yoghurt cups. The cups are made from 100% post-consumer recycled material (rPET), are mono-material and unprinted, thus fully recyclable. rPET cups cause one-third less CO2 emissions than glass bottles.

Since March 2021, the Austrian school milk producers use the new rPET cups. The implementation of the closed rPET school milk cup loop demonstrates what is necessary to establish circular packaging solutions for dairy products: (1) material choice rPET, (2) design for recycling, (3) collaboration along the value chain.

PAPACKS REFILL CAPS

Company: PAPACKS SALES GmbH
Country: Germany

PAPACKS® Refill-CAP filled with products such as cream and/or cosmetic content and inserted into high-quality glass jar. Refill-CAP simply exchanged so that the high-quality cream jar continues to be used. Refill-CAP is made of 100% compostable and recyclable virgin fibers, coating ensures appropriate barrier characteristics dictated by the industry standards.

Refill-CAPS reduce plastic-waste based on circular-economy-concept, through distribution of only compostable/recyclable products. Refill-CAP made through moulded-pulp, utilizing organic virgin-fibers, ensuring recyclability and compostability. Refill-CAP is coated with PAPACKS® Organic Coating, a 100% natural-coating solution including sealing paper. All 100% plasticfree, compostable and/or recyclable. Applicable across major-industries as stand-alone or refill-solutions.



SILVER 2



Woolworths PaperSeal® Meat Tray

Company: Woolworths Food Company (Woolworths Group)
Country: Australia & New Zealand

Woolworths moved a specialty range of grass fed beef to sustainably-sourced, fibre-based, kerbside-recyclable meat tray packaging with the most innovative consumer education on-pack of any packaging in the region. The entire back of the tray incorporates consumer awareness and informative Australasian Recycling Labelling (ARL) communication.

The new paper tray format utilises a unique technology that incorporates an intuitive design of an easily peelable top film and bottom film to facilitate better recyclability. The new design has also been lightweighted by 9.7 grams per tray and uses 75% less plastic versus the previous packaging format.

BRONZE 3



Flexible and sustainable packaging concept for fruit and vegetables

Company: Bama Packaging AS
Country: Norway

Designed for high-capacity automatic packing where the lid tightens according to actual size, prevents the avocado falling out. Designed to prevent the consumer from squeezing hard and damaging the avocado = preventing food waste. Uses certified sustainable fiber material. Consisting of only one piece, without labels, ensures easy and safe

First avocado packaging in sustainable certified solid carton. Lightweight materials, optimized for maximum transport utilization, easier handling, and better in-store exposure capabilities. Easy open-close function. Only one piece/material makes it easy to recycle properly. Large printable surfaces allow for better and more communication with the consumer.

PAPACKS FIBER BOTTLE

Company: PAPACKS SALES GmbH
Country: Germany

The PAPACKS® Fiber-Bottle is a 100% compostable and recyclable bottle made from renewable fiber materials. In combination with the PAPACKS® IMG, an injection molding granulate made of 100% organic composition, which is suitable for fine and detailed constructions, the Fiber-Bottle forms a viable substitute to conventional plastic/glass bottles.

The Fiber Bottle's applications are wide-ranging: from beverage to the household segments. The Fiber Bottle solves the recycling problem of glass and plastic bottles. Through an circular-economy-concept, we reduce packaging waste, as only compostable and reusable materials are given into circulation.

BRONZE 3



**THE ONLY PROFESSIONAL
PACKAGING ORGANISA-
TION IN HUNGARY**

The Hungarian Association of Packaging and Materials Handling (CSAOSZ) was voluntarily founded in 1990 as professional organisation by more than 70 manufacturers, distributors and significant user enterprises in the fields of packaging. Amongst our members there are also multinational, foreign owned and Hungarian privately owned small and medium sized companies.



The main activity of the Association includes as follows:

- organizes and integrates the manufacturers, distributors and users of packaging materials, machines, as well as the enterprises on packaging;
- protects, reconciles and promotes their interests in professional, environmental and economic respect;
- maintains relations with and represents its members in the national and international associations (WPO, EPIC, FEA) of the field;

**HUNGARIAN PACKAGING
COMPETITION FOR
MORE THAN 50 YEARS**



The competition was established in 1967 by the Hungarian Institute of Materials Handling and Packaging, CSAOSZ has been hosting the program since 2002. The competition is organised by the rules of the WorldStar Competition, as a result of which we won the „national program of WorldStar” title.



Hungarian companies attend the WorldStar World Packaging Competition regularly and successfully, thank to this fact – among many others – WPO held the 2016 year’s WorldStar Prize-giving Ceremony in Budapest, Hungary.



**PACKAGING
EDUCATION**



CSAOSZ organises packaging conferences annually. Regularly hosts workshops and tailormade trainings in professional “hot” topics.



The Hungarian Packaging Yearbook edited by CSAOSZ is the most important awareness-forming packaging literature in Hungary.

**2018 WORLDSTAR PACKAGING AWARDS
2 MAY 2018**



Mr. Miklos Galli, former president of CSAOSZ got the WPO Lifetime Achievement Award from President Prof. Pierre Pienaar in 2018.



CoolCAN – web2print solution for personalised can printing

Company: Colonia press, a.s.
Country: Czech Republic

The customer creates personalised designs for beer cans or energy drinks directly in the website’s editor. The minimum order quantity is 24 pieces. We print the designs using digital technology on a shrink sleeve, which is subsequently placed on the can and shrink to fit.

The entire label production process is automatic. The order passes to the printing machine completely without human intervention. So the first person to see it is the printer. This automated workflow reduces the error rate and production costs.



IceCoat - Greyder V
Company: Tasarist
Country: Turkey

Greyder V differs in terms of visuality and usefulness. The V-shaped design attracts the attention of the consumer immediately while scrolling through images. The package can be used not only for carrying but also as a storage unit for shoes. It is consumer-oriented and modern. Also, it reduces plastic use.

This design offers both practical portability and creative storage. You may use Greyder V for storing shoes properly wherever you want without getting any damage. The package is created with good craft and quality materials to ensure it serves as a storage unit for a long period of time.



Asahi Super Dry Nama Jokki Can (Draft Beer Can)
Company: Asahi Breweries, Ltd.
Country: Japan

Asahi SuperDry NamaJokkiCan is made of a full opening end and an automatically foaming can. You can easily enjoy Namajokki beer. Namajokki means a mug of beer in Japanese. We received JapanStar with the comment that our product was impressive because it made foam as well as preserved the contents.

As soon as opening the lid our product, you can enjoy beautiful white foam naturally formed without any tools. We developed the special inner coating to make foam with supplier. We use the full open end with the double safety structure, protecting customers from cut-wound.

About IoPP



The Institute of Packaging Professionals (IoPP) is dedicated to creating networking, educational and certification opportunities that help packaging professionals succeed with a vision of being the central unifying force in packaging for the benefit of its members, the packaging community and society.

IoPP's Core Values:

- Dedicated to the proposition that packaging is a positive, environmentally responsible and economically efficient force, operating in a modern economic society for the benefit and improved well-being of its people.
- Committed to leadership in packaging through the continuing education and growth of its members and other packaging professionals.
- Operates with rigorous quality standards, reinforced by continuous improvement and growth in the organization, its activities and operations.
- Works with a dedicated team of volunteer leaders and employed staff, which collaborate efficiently and effectively for the betterment of packaging, the packaging community, IoPP and all of us as individuals; IoPP is maintaining timely and efficient communications among themselves and all other interested parties.
- Operated by individuals with a high standard of ethical conduct in all affairs, within budget and with cost controls to effect fiscal responsibility.

To learn more about IoPP's programs

[CLICK HERE](#)

AmeriStar Awards



Coordinated by the Institute of Packaging Professionals (IoPP), the AmeriStar Package Awards program – one the industry's most prestigious competitions – is designed to recognize companies, packaging teams, individuals and students for innovation and creativity in packaging engineering and design.

AmeriStar categories include:

- Food (frozen)
- Food (refrigerated)
- Food (shelf stable)
- Packaging that Saves Food: Agriculture
- Packaging that Saves Food: Food Service
- Packaging that Saves Food: Retail (Primary Packaging)
- Beverages (alcoholic)
- Beverages (non-alcoholic)
- Drug & Pharmaceutical
- Cosmetics
- Electronics
- Health & Beauty
- Household Products
- Industrial /Commercial
- Medical Device
- Promotional / Display
- Other

To learn more about the AmeriStar Package Awards

[CLICK HERE](#)



STUDENT WINNERS 2021

THE WORLDSTAR STUDENT AWARDS COMPETITION IS OWNED AND PRODUCED BY THE WORLD PACKAGING ORGANISATION

A complete lists of all the winners and certificates awarded for the 2021 awards is available on the WorldStar Student Awards website accessible via the WPO website – www.worldpackaging.org.

WorldStar Student Awards are awarded as follows: the top three (3) overall Gold, Silver and Bronze trophy winners are named as the WorldStar Student Winners and receive WorldStar Student Winner certificates and trophies; they are also invited to the WorldStar Industry Presentations. If you have any queries or require additional information, please contact Bill Marshall, email: secretary@ipsa.org.za



International
Packaging Design
Student Competition
2021



GOLD STAR TROPHY WINNER (1st overall) & MARKETING GOLD TROPHY

ENTRY	Bee Loved Honey
ENTERED BY	Courtney Shelley
EDUCATIONAL INSTITUTION	Durban University of Technology
COUNTRY	South Africa

PROJECT DESCRIPTION

Bees are an integral part of the ecosystem and their population decline is not well-known. My goal is to make the consumer think about bees as nature's essential, "Bee-Loved" little workers and not as pests. A simple way to give back to the bees is by growing plants that attract bees to your garden, thus helping to sustain their population. Rosemary, mint and thyme are used in cooking and are also loved by bees.

I chose to package a biodegradable and compostable bottle of honey along with a packet of the above-mentioned seeds. The bottle design incorporates the logo and cutting lines. Printed on the interior of the brown card box is an instructional infographic on how to convert the honey bottle into a seed planter once the honey is finished. Information on the importance of bees is also included.

The hexagonal shape of the packing was inspired by honeycombs. This shape allows for close packaging (thus a decreased shipping cost) and a neat display on the shelf.

My message: love the bees as much as you love their honey.



China National Export Commodities Packaging Research Institute

China National Export Commodities Packaging Research Institute (CEPI) was established in 1974 by the Ministry of Foreign Trade and Economic Cooperation with the approval of the central authorities and the State Council. It is a central budgetary institution approved by the State Commission Office for Public Sector Reform.

Approved by the State Council, CEPI represents China as a member of the World Packaging Organization (WPO) and the Asian Packaging Federation (APF) to participate in relevant international activities. Joined the International Association of Packaging Research Institutions (IAPRI) in 2005.

Approved by China National standardizing committee, CEPI serves as the Joint Secretariat of ISO / TC122 / SC4 packaging and environment sub-technical Committee (China / Sweden), Chinese Secretariat and domestic technical counterpart of the international organization for standardization. Secretariat of packaging and environment sub-technical Committee of national packaging Standardization Technical Committee (SAC / TC49 / SC10).

With the approval of the Ministry of Commerce, CEPI undertakes the responsibilities of the export commodity packaging technical service center of the Ministry of Commerce, has a national recognized laboratory with complete equipment and instruments supported by the United Nations, and acts as a testing and appraisal institution of scientific and technological achievements in the foreign economic and trade system recognized by the Ministry.

Approved by the Office of the National Awards for Science and Technology, CEPI took the responsibility of science and technology award- PackStar Organizing Committee of Recommending Packaging Design. The Secretariat of the Organizing Committee for recommending the works of WorldStar is also established here.

With the approval of the National Press and Publication Administration, it hosted the academic journal of Green Packaging.

<https://www.cepi-china.com/>



China Star

China Star was founded in 1983. The design works come from all over the country. The jury is composed of well-known designers, professors and industry representative judges from all regions. China Star is a professional evaluation activity with the most historical value, academic nature, industry authority and commodity form symbol in China's design field. Effectively connect domestic design circles, design art colleges and industry organizations. "Encouraging innovation and supporting originality" is the evaluation purpose of China Star.

Evaluation object: designers, institutions, professional colleges and departments, design related enterprises, commodity production enterprises and school teachers and students engaged in design, and their design works and production products are the objects of voluntary evaluation and declaration.

Evaluation scope: logo, brand, packaging, poster, books and periodicals, illustration, font, cultural and creative design works.

PackStar

PackStar was founded in 2005. The jury is composed of well-known packaging designers, professors and representative judges of the packaging industry from all regions. For designers and students majoring in packaging, PackStar Award (professional group) and PackStar Creative Award (student group) are set up respectively.

Professional group: engaged in packaging design institutions, designers, commodity production enterprises, etc.

Student group: college or fresh graduate students (including graduate students), junior college students and vocational school students.

Scope of evaluation: the declared works of the professional group shall be the original packaging design works designed and put into operation in recent three years, and the declared works of the student group shall be the original packaging design works of the students themselves. The declared works can include the following seven categories of product packaging design and packaging creativity:

1. Beverages, tea, tobacco and alcohol;
2. Food;
3. Medicine, health care and beauty products;
4. Light industrial products and household products;
5. Mechanical and electrical products;
6. Cultural and creative
7. Other products.



SILVER STAR TROPHY WINNER (2nd overall)

ENTRY	Lightbulb Packaging Design
ENTERED BY	Atahan Gokturk Guner
EDUCATIONAL INSTITUTION	Marmara University
COUNTRY	Turkey

PROJECT DESCRIPTION

I found the packaging idea from the egg carton. It is produced by molding recycled paper into pulp. The label gives information about the product and can be utilized as a lock. The product can be presented by hanging upside down or from the area where it has been placed.

While designing the packaging, I was inspired by the egg carton because bulbs seem quite fragile like eggs. The ecological and sustainable packaging is made from recycled paper. I intend to design an interesting packaging ensuring that the bulbs will not be damaged. It may seem more appealing and unusual to its users with this way.

The label is used for both informing the user and as a locking mechanism at the same time. Therefore, users can make sure that strip is not torn. Additionally, needed information will be given on the label.

The product can be offered to sale by hanging upside down or it can be taken out of the box and presented to users from the area where it has been placed beforehand.

It may seem more appealing and unusual to its users.



BRONZE STAR TROPHY WINNER (3rd overall)

ENTRY	Sweet Pea
ENTERED BY	Avery Johnson, Maia Nelson, Shahla Prouty, Adi Saaf, Runar Schmidt, Stephanie Tang
EDUCATIONAL INSTITUTION	California Polytechnic State University
COUNTRY	United States of America

PROJECT DESCRIPTION

Sweet Pea brings gardening education and hands-on experience into the home with three lesson plans that are easy to use for elementary school students. Its paperboard package is a functional and interactive system that can be reused as a gardening display and recycled at the end of its lifecycle.

Sweet Pea was developed for One Cool Earth, a non-profit organization that offers gardening education to develop the nutritional and environmental literacy of elementary school students. With classrooms moving into homes due to the COVID-19 pandemic, it has become increasingly challenging to bring projects home that are easy to set up and execute for children.

Sweet Pea is a 3-lesson kit. When first opened, a sleeve seamlessly unfolds to reveal instructions for each lesson. Inside, a tray represents the pea pod, and three boxes act as the peas. The kit takes 5 seconds to open, and while each lesson plan takes a day to complete, it can be spread out over 3 weeks. Once the lessons have been completed, the package can be reused as a gardening display.



الاتحاد الفلسطيني للصناعات الورقية والتغليف
Palestinian Federation of Paper & Packaging Industries

The Palestinian Federation of Paper & Packaging Industries (PFPI)

PFPI is a non-profit, membership-based organization established in 1997.

Membership includes: printing presses, paper and carton manufacturers, packaging materials producers, diaper and tissue manufacturers and pre and post print services.

PFPI Vision:

Competitive, advanced and sustainable Palestinian paper and packaging industry.

PFPI Mission:

- To represent membership and their interests nationally and internationally.
- Promote the best business practices by influencing law-making processes.
- Develop the capacity of stockholders to become and maintain their competitiveness and enhance their ability to create links with other markets.
- Encourage and promote education, training and implementation of printing technologies and paper converting and packaging processes.
- Promote cooperation with private sector, official, governmental and non-governmental bodies in Palestine and in other countries.



PALPACK, as the national packaging center of Palestine, it performs several functions, including:

- An integral part of packaging industry development at national level.
- Positive and essential contribution to the competitiveness of the Palestinian Industries.
- Establishes links with regional centers in Jordan, Lebanon, Tunisia and others.
- Focuses on testing, design, training, research, and other services.
- Contributes to the quality of local products and quality control systems.
- Supports SMEs, through guidance, training, etc.

Phone: +970599552012 Email: pfi.paper@gmail.com

www.arabstarpack.org

2022
**ARAB STARPACK PRO
PACKAGING AWARDS**

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SUSTAINABILITY GOLD TROPHY

ENTRY	Flourish
ENTERED BY	Xanthe Mitchell
EDUCATIONAL INSTITUTION	University of New South Wales
COUNTRY	Australia

PROJECT DESCRIPTION

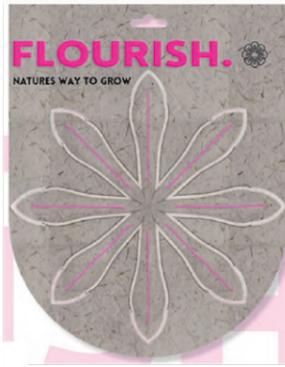
Flourish design is a lightweight, compact flower wheel and an innovative compostable solution for fertilisers product packaging. The design aim of Flourish is to return the whole product and packaging back to the earth.

My packaging was designed as a need to address the saturation of single use plastic within garden chemical products and its packaging.

In designing Flourish, the main purpose is to do as little to no harm to the environment as possible and a bid to minimise the environmental impact of convenience culture.

Specifically targeting Garden chemical products, as there is a lack of choice and availability of sustainable packaging in the market currently utilising reclaimed sugar cane pulp material within the product itself and its packaging becomes a sustainable alternative, valuable and formidable competitor in the market of garden fertilisers.

Flourish creates no waste, and is 100% home compostable (AS5810) in Australia, reduces energy consumed, improves cost while still remaining a great user experience.



SAVE FOOD GOLD TROPHY

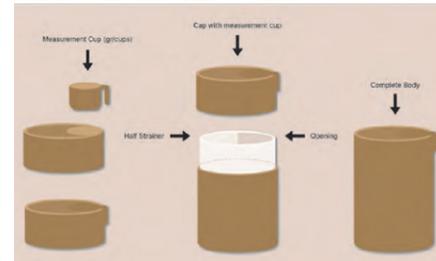
ENTRY	HBOUBNA Smart Flour Package
ENTERED BY	Patricia Abdel Khalek Bou Reslan
EDUCATIONAL INSTITUTION	Lebanese International University
COUNTRY	Lebanon

PROJECT DESCRIPTION

The new structural design includes half strainer to sift the flour, the other half an opening to reach the powder, and a measurement cup to measure the product in gr/cups.

The measurement cup it is located in the cap of the canister which it will fit in the inside opening.

Eco-friendly Kraft Paper flour packaging design. The new design is a smart and sustainable package that facilitates the use of this product when cooking and making sweets in a simple way without wasting flour.



APPLY FOR WORLDSTAR 2023 AND GET YOUR GLOBAL RECOGNITION



WorldStar Awards 2023

Open for Entry **15 June 2022**
 Deadline **20 October 2022**
 Judging **November 2022**

For more information
www.worldstar.org
Info@worldstar.org

[in](https://www.linkedin.com/company/worldstar-awards) @WorldStar Awards



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The WorldStar Awards are administered on behalf of WPO by LibanPack, Lebanon.





YOUR BUSINESS COMMUNITIES

3 - 6 MAY 2022

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