
RISE Seminar - E-commerce and transport packaging

Tuesday 22 October 10:30 – 11:45

RISE - Hållbar omställning och konkurrenskraft på vetenskaplig grund. Med vår bredd och samlade expertis, hjälper vi kunder och partners att stålla om för att klara utmaningar, ta helhetsgrepp på komplexa frågor och stärka sin konkurrenskraft. Under seminarieblocket håller RISE forskare presentationer inom aktuella områden. Presentationerna är ca 15 minuter med frågestund efter sista presentationen i respektive block. Kort paus mellan blocken bjuder in till diskussion med forskarna. Fortsatta diskussioner med våra experter sker förstås i monter F03:52

Cellulose Foam as packaging material : Performance assessment
Medverkande: Prashanth Srinivasa, Senior Forskare, Förpackningar och material, RISE
New Guidelines for testing corrugated board packaging in e-commerce - developed by SUW
Medverkande: Elin Åkerlund, Forsknings- och utvecklingsingenjör, Förpackningar och Material, RISE
Påfrestningar på förpackningar för e-handel vid sorteringsterminaler och under transporterna däremellan
Medverkande: Elin Åkerlund, Forsknings- och utvecklingsingenjör, Förpackningar och Material, RISE
Emballage för farligt gods
Medverkande: Amar Hondo, Projektledare, Transport- och produktsäkerhet, RISE
Avslutning: Frågestund med experterna

Language: English, **Stage:** Matchmaking Area level 2, **Track:** RISE Seminar

Moderatorn hälsar välkommen till Scanpack och dagens program/The moderator welcomes everyone to Scanpack and today's program

Tuesday 22 October 10:50 – 11:00

Participants: Evelina Galli, Techreporter, P3, Sveriges Radio

Language: English, **Stage:** Packaging Plaza level 2

The future of bioplastic in a circular economy

Tuesday 22 October 11:00 – 11:25

Participants: Patrik Fogelström, CEO, Biobag International AS

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Sustainability

Cellulose Foams: Development of sustainable solutions to replace fossil-based foams in collaboration with Apple

Tuesday 22 October 11:30 – 11:55

Participants: Claes Holmqvist, Senior Scientist and Technical Project Leader, RISE, Prashanth Srinivasa, Senior Researcher, RISE

RISE (Research Institutes of Sweden) in collaboration with Apple is contributing to reducing plastic pollution with a promising new bio-based foam material. The low-density, cellulose-based foam is derived from responsibly sourced wood pulp, the same material used in paper products. The material has excellent properties, like high compression resistance and a uniform pore structure. Further, it is compatible with existing paper packaging recycling streams and is intended to meet the growing demand for alternatives to fossil-based plastic foams. The focus has been on developing the material for cushioning applications in packaging, which has been possible by leveraging RISE's long experience with processes for pulp-fibre property development and foam surface chemistry. A key component has been the capabilities for structural and mechanical performance characterization provided by RISE's Packaging Centre of Excellence, allowing progress towards the development goals to be quantified. This has taken the material a long way, but challenges still remain as it relates to the production process. We believe that responsibly sourced, low-density, pulp-based renewable materials can play an important part in solving the ongoing plastic pollution crisis. The chief interest of Apple and RISE is therefore to ensure large-volume commercial availability of such materials, and we invite other parties to collaborate with us to further develop the production technology and/or the characteristics of the cellulose foam.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Innovation, Packaging trends, Sustainability

How to secure reliable sustainability data and how this affects packaging development.

Tuesday 22 October 12:00 – 12:25

Participants: Emma Hellqvist, Brand Owner Manager, Billerud

What should you keep in mind when comparing life cycle assessments (LCA)? And what's the difference between an LCA, EPD, and PEF? Understanding the climate impact of different packaging options and comparing the right data can be complicated. Different LCAs can give different results, depending on who you ask. As the need for carbon footprint data grows and reporting becomes stricter due to new laws like the Green Claims Directive and CSRD, it's more important than ever to use accurate and trustworthy data with clear sources. Emma Hellqvist from Billerud is here to help us navigate the complex world of environmental data, explain how Billerud works with EPDs, and how this affects packaging development.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Sustainability

Back to Creating Future: Innovation, Consumers, and Industry

Tuesday 22 October 12:00 – 12:25

Participants: Brendon Vermillion, Innovation Designer, Emballator Packaging Innovations

A designer's thoughts and approach to "Creating Future" within the elements of Innovation, consumers, and industry. Do we really know what we want? Should innovation be limited by today's circumstances or behavior? What does added value mean today vs in the future?

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation

RISE Seminar- Packaging applications and sustainability

Tuesday 22 October 12:00 – 13:30

RISE - Hållbar omställning och konkurrenskraft på vetenskaplig grund. Med vår bredd och samlade expertis, hjälper vi kunder och partners att stålla om för att klara utmaningar, ta helhetsgrepp på komplexa frågor och stärka sin konkurrenskraft. Under seminarieblocket håller RISE forskare presentationer inom aktuella områden. Presentationerna är ca 15 minuter med frågestund efter sista presentationen i respektive block. Kort paus mellan blocken bjuder in till diskussion med forskarna. Fortsatta diskussioner med våra experter sker förstås i monter F03:52 Framtidens hållbara sugrör med optimerade egenskaper sparar stora mängder fossil plast Medverkande: Niklas Lorén, Docent och senior forskare, RISE Exploring Sustainable Food Packaging: Balancing Product Protection, Recyclability, and Market-Specific End-of-Life Considerations Medverkande: Pegah Amani, Forskare, Hållbar konsumtion och produktion, RISE Using computer-aided numerical simulations in the packaging design process Medverkande: Gustav Marin, Forskare, Förpackningssystem, RISE Avslutning: Frågestund med experterna

Language: English, **Stage:** Matchmaking Area level 2, **Track:** RISE Seminar

Bio-based materials can be a good fit for reusable e-commerce packaging solutions

Tuesday 22 October 12:30 – 12:55

Participants: Sandra Pousette, Förpackningsspecialist, Förpackningssystem, RISE, Annica Eldh, Global Innovation and Material Lead e-com and transport packaging, H&M

In the transition to a circular society, packaging has become an area subject to new requirements and regulations, posing challenges for the industry. There is a clear need for more reusable and circular packaging solutions to meet requirements to reduce the climate footprint and to contribute to the circular economy. As a contribution to this there is an ongoing Vinnova-funded project called "Enabling circular and bio-based packaging" with partners from different parts of the value chain. The goal of the project is to develop holistic solutions, i.e., technologies and business models, for biobased packaging to enable circular and biobased approaches along the value chain from choice of material, packaging design to handling and management of used packaging. The solutions, including technologies and business models, are developed through close collaborations with industrial actors along the value chain from material production, packaging design and converting, brand owners and end users, to recycling companies. During this project reusable e-commerce packaging were developed, a box and a bag. These are tested and assessed through a field study. The study is carried out in the infrastructure of H&M and RE-ZIP and the seminar will be held together with representatives from both companies. The circular business model and how the iterative development process itself was carried out is described during the seminar as well as the prototypes.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Innovation, Packaging trends, Sustainability

L'Oréal's Sustainable Approach for a Global Challenge

Tuesday 22 October 13:00 – 13:25

Participants: Beatrice Fahlkvist, Scientific & Regulatory Affairs Manager & Sustainability Lead Sweden, L'Oréal Nordic

Beatrice will speak about how L'Oréal manage consumption of natural resources to ensure that their activities are compatible with the planet boundaries. She will also address how their packaging solutions allow more recycling and promote the development of the circular economy.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Sustainability

Scanpack Matchmaking - meetings that match all expectations!

Tuesday 22 October 14:00 – 16:00

Why matchmaking? *Effective meetings: With matchmaking you can pre-book meetings. This means that you can optimise your time at the exhibition by meeting those of greatest relevance to your business needs. *Networking: Regardless of whether you want to reach a specific target group, find a specific product or expand your network, matchmaking provides the opportunity to meet suppliers, customers and business partners in a timely and effective manner. *New business opportunities: Matchmaking is a powerful tool for finding new business opportunities. By meeting potential suppliers, customers and business partners in an organised manner, you can increase your opportunities to generate new business relationships. More information: [här](#)

Language: English, **Stage:** Matchmaking Area level 2, **Track:** Others

Solving packaging waste using AI

Tuesday 22 October 15:00 – 15:25

Participants: Fredrik Henningsson, Account Director, Bower

Bower is a rewarding recycling application that engages over 550,000 consumers in the Nordics in the sorting of packaging. What it creates is a seamless, digital forum for producers, the recycling industry, and consumers to share information and insights. Today, the focus will be in accordance with today's theme on how producers can get valuable feedback directly from consumers and provide instructions on how each package should be sorted or separated. Everything is gathered in a simple and interactive dashboard.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

Creating circularity in food packaging

Tuesday 22 October 15:30 – 15:55

Participants: Elisabet V. Sandnes, Chief Sustainability Officer, Faerch A/S

Key points: Leading the food packaging industry towards circularity
Recycling at scale
Industry-leading initiatives
Science based targets
In a world where resource efficiency and sustainability are becoming increasingly important, Faerch is at the forefront of revolutionising plastic food packaging. Elisabet Sandnes, Chief Sustainability Officer at Faerch, sheds light on the company's ambition to transform the industry through circular recycling of PET material. The goal is clear: to turn household waste into new food packaging in an infinite number of cycles, without compromising quality or food safety. With an annual production of 23.8 billion trays of plastic food packaging, Faerch aims to achieve carbon neutrality by creating circularity in the same food packaging.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends, Sustainability

Key trends in the global label value chain – planet, people and technology

Tuesday 22 October 16:00 – 16:25

Participants: Johannes Kapeller, Managing Director, All4Labels

The label industry is expected to return to growth in 2024 to continue its 50 year growth trajectory, but new trends are clearly emerging. As a leading, fast growing global label and packaging producer, we at All4Labels are in the center of the label value chain between material producers and laminators upstream and FMCG companies and consumers downstream. We have identified three key trends:
Concern for the planet is growing. Global warming, rising sea levels, nano plastics, melting glaciers clearly concern us all. Consumer behavior and legislation is changing the landscape.
People's health and well-being is becoming more and more important. Safety, empowerment, people development, work-life balance and local foundations in a global network are critical factors for success.
Technology in the form of new label and decorating technologies, digitization, smart and secure labels is already here and still evolving. They all need to be addressed in an exciting and fast paced label market.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends, Sustainability

Moderatorn hälsar välkommen till Scanpack och dagens program/The moderator welcomes everyone to Scanpack and today's program

Wednesday 23 October 09:20 – 09:30

Participants: Evelina Galli, Techreporter, P3, Sveriges Radio

Language: English, **Stage:** Packaging Plaza level 2

Time to get ready for the arrival of the 2D code GS1 Digital Link !

Wednesday 23 October 09:30 – 09:55

Participants: Rémy Fontanet, Product Marketing Manager, Markem Imaje, Magnus Folcke, CEO - Industrial coding and marking, Lexit Group Sweden AB

The arrival of the GS1 DL will have an impact on the full ecosystem (manufacturers, distributors, customers, regulators, ...). Markem-Imaje, which is engaged since several years on this transformation, has updated its existing solutions sets (HW and SW) to support this transition and also developed a new disruptive technology called "SPI" to support some complex or high speed applications where the existing technology won't be able to print the 2D code at the existing speed of the production line. With our international partner Lexit, we will provide some insights about how to handle such revolution on the packaging.

Language: English, **Stage:** Scanpack Pioneers level 1

Food Contact Materials – ensuring compliance for biobased/recycled materials

Wednesday 23 October 10:00 – 10:25

Participants: Mette Damgaard, Senior Consultant, Eurofins Product Testing

The Single Use Plastic Regulation that came into force in 2019 prohibits the marketing of various food contact materials made of plastic. As a response to this ban the industry has started using alternative materials with focus on recycling and the use of natural/biobased materials. This lecture gives an overview of the legislative requirements that must be met to ensure human health and gives input to which considerations should be made when using alternatives to plastic. Förordningen om engångsplast som trädde i kraft 2019 förbjuder marknadsföringen av olika livsmedelskontaktmaterial tillverkade av plast. Som ett svar på detta förbud har industrin börjat använda alternativa material med fokus på återvinning och användning av naturliga/biobaserade material. Denna föreläsning ger en översikt över de lagstiftningskrav som måste uppfyllas för att säkerställa mänsklig hälsa och ger input till vilka överväganden som bör göras vid användning av alternativ till plast.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Packaging trends, Production efficiency, Sustainability

RISE Seminar- Recyclability and reuse

Wednesday 23 October 10:00 – 11:15

Presentationerna är ca 15 minuter med frågestund efter sista presentationen i respektive block. Kort paus mellan blocken bjuder in till diskussion med forskarna. Fortsatta diskussioner med våra experter sker förstås i monter F03:52 RISE - Hållbar omställning och konkurrenskraft på vetenskaplig grund. Med vår bredd och samlade expertis, hjälper vi kunder och partners att stålla om för att klara utmaningar, ta helhetsgrepp på komplexa frågor och stärka sin konkurrenskraft. Under seminarieblocket håller RISE forskare presentationer inom aktuella områden. Benefits and limitations of life cycle assessment as a tool for policy making Medverkande: Michael Sturges, Miljö- och hållbarhetsspecialist, Hållbara Material och Förpackningar, RISENya lösningar inom återvinning Medverkande: Ann Lorentzon, Projektledare, Förpackningssystem RISE Bio-based materials can be a good fit for reusable e-commerce packaging solutions Medverkande: Sandra Pousette, Förpackningsspecialist, Förpackningssystem, RISE Så ökar vi kvaliteten på återvunnen plast från flexibla förpackningar Medverkande: Mattias Andersson, Forskare, Polymera material och återvinning, RISE Frågestund med experterna

Language: English, **Stage:** Matchmaking Area level 2, **Track:** RISE Seminar

Why weightless?

Wednesday 23 October 10:30 – 10:55

Participants: Jan Andersson, Paper Development Manager, Holmen Board and Paper

Why weightless? The future containerboard packaging will enable lower weight, lower cost and lower CO2 emissions. The trend goes towards lightweighting in accordance with climate goals and EU packaging directive. But how low can we actually go in grammage, and to what extent will reducing grammage make a difference? Varför viktlös? Framtidens fräscha wellpappförpackningar möjliggör lägre vikt, lägre kostnad och lägre CO2-utsläpp. Trenden går mot allt lättare förpackningar i enlighet med klimatmål och EU:s förpackningsdirektiv. Men hur lätta kan förpackningar egentligen göras, och vilken roll spelar gramvikten i det stora hela?

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

In-line seal inspection for better food packaging quality

Wednesday 23 October 11:00 – 11:25

Participants: Renaat Van Cauter, Marketing Director, Engilico

The sealing of flexible and rigid packages is a crucial step in many food packaging processes. Product in seal, wrinkles, plies or folds can lead to imperfectly closed packages with an immediate negative effect on shelf life, customer satisfaction and even brand image. An in-line, 100% seal inspection system tackles these challenges. Engilico's solutions inspect the sealing of flexible packages (such as pouches, horizontal flow wraps or pillow bags) and rigid packages (thermoforms, trays or pots). Our solutions are used in typical food packaging applications for cheese, meat, vegetables, fruits, ready-meals, sauces, powders, pet food and many more products, especially when packaged under modified atmosphere conditions (MAP). As our solutions are independent of brand of packaging machines, we retrofit on leading packaging line brands such as PACRAFT/Toyo Jidoki, Omori, Fuji, ULMA, Multivac, PFM, Ilapak, HDG, GEA, Bosch/ Syntegon, Leepack, SN Packaging, and many more. If you are experiencing issues with the sealing process or want to maximize your packaging productivity, this presentation will explain -mainly using real-life customer cases - how Engilico® and its partner Mobergs enables you to solve these challenges.

Language: English, **Stage:** Packaging Plaza level 2

Dry Molded Fiber – Scaling up for Sustainable Change

Wednesday 23 October 11:00 – 11:25

Participants: Sanna Fager, Chief Commercial Officer, PulPac

PulPac is the home of Dry Molded Fiber, a groundbreaking technology for responsible packaging. Dry Molded Fiber products are meant to replace single-use plastics, fit into current disposal systems, and leave no marks on our planet. PulPac has the patents for the technology, but the technology is meant to be shared. This is why PulPac uses a licensing business model and invites global converters to join the Dry Molded Fiber ecosystem so they can implement a sustainable solution for their clients. In the journey from product idea to production for the market, PulPac helps end-to-end, during the entire process. The ecosystem consists of global companies with expertise in all the different aspects of Dry Molded Fiber. Using the licensing business model ensures that clients have complete access to said ecosystem, i.e., tooling, barrier solutions, machinery, technology advancements including upgrades, and of course - world-leading know-how. Shifting to Dry Molded Fiber should be straightforward, efficient, and inspiring. For PulPac, it's important that the Dry Molded Fiber process is sustainable from beginning to end. PulPac chooses to source materials from responsible companies in the Dry Molded Fiber ecosystem and urge licensees to do the same. One of their big priorities is finding the best functional and most sustainable barriers so that products are either recyclable, compostable - or both. Shifting to Dry Molded Fiber means that PulPac's clients can position themselves in the market for sustainable packaging and can rely on PulPac to make sure all parts of the process are up to date and follow current regulations and trends.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Production efficiency, Sustainability

RISE Seminar - Livsmedelsförpackningar

Wednesday 23 October 11:30 – 12:30

RISE - Hållbar omställning och konkurrenskraft på vetenskaplig grund. Med vår bredd och samlade expertis, hjälper vi kunder och partners att stålla om för att klara utmaningar, ta helhetsgrepp på komplexa frågor och stärka sin konkurrenskraft. Under seminarieblocket håller RISE forskare presentationer inom aktuella områden. Presentationerna är ca 15 minuter med frågestund efter sista presentationen i respektive block. Kort paus mellan blocken bjuder in till diskussion med forskarna. Fortsatta diskussioner med våra experter sker förstas i monter F03:52 Hydrogeler som simulatorer för livsmedel vid bestämning av migration av kemikalier från förpackningar Medverkande: Astrid Ahlinder, Forskare, Produktdesign, RISE Undvik oönskade gäster i livsmedelsförpackningen! Medverkande: Jenny Veide Vilg, Enhetschef, Processteknik, säkerhet och hygien, RISE Current trends and updates on Food Contact Material (FCM) legislation Medverkande: Hans Steijer, Projektledare, Förpackningssystem Frågestund med experterna

Language: English, **Stage:** Matchmaking Area level 2, **Track:** RISE Seminar

Start-up companies pitch from the stage

Wednesday 23 October 12:00 – 12:25

Participants: Valentyn Frechka, CTO, Releaf Paper, Johanna Baare, COO and co-founder of traceless materials, Traceless, Anna-Liisa Palatu, CEO and co-founder, Woola, Majid Alimadadi, CEO, Fibu AB, Oscar Rosdahl, Chief Commercial Officer, Meadow,

Take the opportunity to listen to five start-up companies, each of which will have three minutes to present their innovative ideas related to their product/service. Speaker one: Oscar Rosdahl, Chief Commercial Officer, Meadow Speaker two: Majid Alimadadi, CEO, Fibu Speaker three: Anna-Liisa Palatu, CEO and co-founder Woola Speaker four: Johanna Baare, COO and co-founder of traceless materials Speaker five: Valentyn Frechka, CTO Releaf-Paper

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Packaging trends, Production efficiency, Sustainability

PPWR as a catalyst for innovation

Wednesday 23 October 12:05 – 12:30

Participants: Paul Krochak, Packaging Circularity Manager, Graphic Packaging International

What does PPWR mean in practice and how do we go about it? * Important aspects for brand owners and Food, Beverage and Consumer Goods producers to consider and start acting on. * How do we work together on this? * What is Graphic Packaging doing to improve sustainability - both in product innovation as well as operational impact?

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Sustainability

AI-first or AI-last?

Wednesday 23 October 12:30 – 12:55

Participants: Mathias Karlsson, Entrepreneur, Co-Founder, Mindact.ai

AI redefines traditional work methods, roles and creates both enormous opportunities and complex challenges. When it comes to AI, we need to zoom in and zoom out at the same time. We need to look at our organizations from a new perspective. What happens when you create a virtual copy of your business? Workshop with Mathias Karlsson in stand B02:22 DS Smith Wednesday and Thursday at 14.00 and 15.00 In collaboration with DS Smith

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation

Scanpack Matchmaking - meetings that match all expectations!

Wednesday 23 October 13:00 – 15:00

Why matchmaking? * Effective meetings: With matchmaking you can pre-book meetings. This means that you can optimise your time at the exhibition by meeting those of greatest relevance to your business needs. * Networking: Regardless of whether you want to reach a specific target group, find a specific product or expand your network, matchmaking provides the opportunity to meet suppliers, customers and business partners in a timely and effective manner. * New business opportunities: Matchmaking is a powerful tool for finding new business opportunities. By meeting potential suppliers, customers and business partners in an organised manner, you can increase your opportunities to generate new business relationships. More information: [här](#)

Language: English, **Stage:** Matchmaking Area level 2, **Track:** Others

The Future of Packaging - fresh views from a leading global spirits company

Wednesday 23 October 13:30 – 13:55

Participants: Elin Furelid, Director of Future Packaging, The Absolut Group, Eric Näf, Director Packaging Development, The Absolut Group

Emerging technologies and new materials are providing opportunities for consumers and business. The Absolut Group share their approach on how to meet future demands and expectations.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Innovation

Single-use vs. multiple-use: which one is actually better for the environment?

Wednesday 23 October 14:15 – 14:55

Participants: Evelina Galli, Techreporter, P3, Sveriges Radio, Daniel Westlén, Statssekreterare hos klimat- och miljöminister Romina Pourmokhtari, Regeringskansliet, Michael Sturges, Miljö- och hållbarhetsspecialist, Hållbara Material och Förpackningar, RISE Research Institutes of Sweden, Fredrik Davidsson, Vice President, European Paper Packaging Alliance EPPA, President, Fiber Foodservice Europe-Asia-Oceania, European Paper Packaging Alliance (EPPA), Huhtamäki

The packaging industry faces significant challenges and opportunities in reducing climate impacts, material usage, increasing recycling and reuse, while maintaining the safety of packaged products for consumers. Successfully navigating these challenges requires collaboration across the entire value chain and beyond borders. However without science-based evidence it is difficult for policy-makers to implement the most effective solutions that focus on waste reduction - whilst ensuring the best environmental outcome. The panel will discuss the crucial role of the packaging industry in achieving climate neutral goals and fostering opportunities to reduce plastic whilst reducing waste and ensuring higher collection rates. Given the approval of the PPWR by the European Parliament in April, we will also examine the role of scientific studies - such as life cycle assessments - and their role in guiding policy making and industry when making decisions around the pros and cons of reuse and single-use packaging formats. To discuss this we are very lucky to have three eminent speakers on our panel, including Daniel Westlén, State Secretary to the Minister for Climate and the Environment, Romina Pourmokhtari, Fredrik Davidsson, President Fiber Foodservice EAO, Huhtamäki Michael Sturges leading LCA expert from RISE. The discussion will be conducted in English.

Language: English, **Stage:** Packaging Plaza level 2

Bringing a new category of packaging closures to market

Wednesday 23 October 14:30 – 14:55

Participants: Ulrika Ganterud Evermark, CCRO (Chief Communication and Relations Manager), Blue Ocean Closures AB, Viktor Jalkler, CMO, Great Earth of Scandinavia

With hardly any exception, current packaging closures are made of plastics or metals, whether they sit on a plastic, carton, glass or metal bottle, jar or other container. And no matter if the packaged goods are liquids, dry products, foods or non-foods. However, these closures come with some challenges and problems, such as littering in nature. Blue Ocean Closures set out on a journey together with some of the world's biggest brands, to bring an alternative closure to market that is biobased, bio-degradable and recyclable as paper. The first solutions are already on consumer shelves, replacing plastics by the tonnes. Blue Ocean Closures and a pioneering customer will share some insights and opportunities ahead.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

From PPWR to Site Zero -how do they match up?

Wednesday 23 October 15:30 – 16:10

Participants: Mattias Philipsson, VD, Svensk Plaståtervinning

Recently, the EU decided on a new legislation regarding packaging on the European market (PPWR). This will become a game-changer and an important step towards a circular economy, not least for plastic packaging. What will it mean for the producers and how can Site Zero, the world's largest and most advanced plastic sorting facility for plastic packaging, help Sweden comply with the legislation faster than 2030?

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

Moderatorn hälsar välkommen till Scanpack och dagens program/The moderator welcomes everyone to Scanpack and today's program

Thursday 24 October 09:20 – 09:30

Participants: Evelina Galli, Techreporter, P3, Sveriges Radio

Language: English, **Stage:** Packaging Plaza level 2

Next generation fibre based packaging materials

Thursday 24 October 09:30 – 09:55

Participants: Mats Kåldström, Manager, Development and Innovations, Walki Group

There is a great need in finding environmental friendly, low carbon foot print packaging solutions for various branches of the society. In an ideal case humankind should use raw materials given by nature when producing packaging material, such as natural polymers. The Single Use Plastics (SUP) directive from 2019 promotes circular solutions that give priority to sustainable and non-toxic re-usable systems and products rather than to single used products [1]. One of the main objectives with the Directive is to reduce the use of plastics in single use items, where plastics are defined as chemically modified polymers. Natural polymers are, however, not covered by the Directive as they are found naturally in the environment. The definition of a natural polymer is a polymer that is formed in nature with limited chemical modification by humans. In this study a number of fibre based materials that are based on natural polymers and can be used for packaging, is presented. Different use cases with examples from both flexible and rigid packaging is demonstrated. General potential and limitations of natural polymers in terms of barrier properties is discussed. Finally, different technologies for applying natural polymers on fibre based substrates is assessed. References[1] Directive (EU) 2019/904 of the European parliament and of the council of 5 June 2019 on the reduction of the impact of certain plastic products on the environment

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

Scanpack Matchmaking - meetings that match all expectations!

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Language: English, **Stage:** Matchmaking Area level 2, **Track:** Others

AI - Optimizing Industry Performance and Sustainability

Thursday 24 October 11:00 – 11:25

In today's competitive business environment, efficiency, precision, and speed to market are keys to success. In this session, we will explore how artificial intelligence (AI) can overcome obstacles and improve manufacturing processes. By leveraging AI technologies, companies can unlock the full potential of their data, transforming it from mere storage into a powerful asset to develop effective business strategies. Anna will share valuable insights on how AI can create adaptive supply chains that optimize operations, reduce lead times, and improve overall profitability. These AI-driven solutions not only improve productivity and streamline operations but also contribute to sustainability efforts. By analyzing data, AI can identify opportunities to reduce raw material usage, minimize waste, and optimize transportation routes, ultimately reducing the carbon footprint of industrial processes. Through live case studies and examples of successful AI implementations, you will learn how innovative companies are harnessing the power of AI to achieve both profitability and environmental objectives, demonstrating that these goals can be harmoniously aligned through the strategic implementation of AI technologies. In collaboration with DS Smith

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation

Det goda ledarskapet

Thursday 24 October 11:00 – 11:40

Föreläsningen kommer handla om vikten av ett nära och tillitsfullt ledarskap, speciellt i de tider vi ser just nu när oro för egna ekonomin paras med en existentiell vända över sakernas tillstånd i världen. Här är det empatiska ledarskapet en del av lösningen eftersom det bygger på att skapa tillit och trygghet hos individer och grupper i syfte att skapa balans, reflektion, närhet men också prestation och fokus. Jubileumsföreläsning

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Anniversary Session, Others

Dry Molded Fiber- Driving Innovation through collaboration.

Thursday 24 October 11:30 – 11:55

Participants: Viktor Börjesson, COO, PulPac AB

In this presentation, we invite you to discover PulPac—who we are, what we stand for, and why we are revolutionizing the packaging industry through our pioneering Dry Molded Fiber technology. We'll dive into the core of our mission: to replace single-use plastics with sustainable, fiber-based solutions, creating a positive impact on the environment. Learn how we've harnessed the potential of fiber to offer a game-changing alternative that not only meets the demands of global markets but also leads the way toward a circular, more sustainable future. We'll explore the collaborative nature of our work, demonstrating how partnerships and collaboration are key to driving innovation forward and bringing Dry Molded Fiber into diverse sectors. We will also provide insights into the in-house innovation process at PulPac. Our dedicated R&D and technology teams continuously push the boundaries of what's possible, exploring new applications and improving our technology to meet evolving market demands. You'll get a sneak peek into some of the exciting R&D projects we're working on, paving the way for the next generation of sustainable packaging solutions. Join us as we share our journey of innovation, sustainability, and collaboration!

Language: English, **Stage:** Scanpack Pioneers level 1

Global Packaging Trends

Thursday 24 October 12:00 – 12:40

Participants: Johannes Bergmair, General Secretary, WPO World Packaging Organisation

Since 1970, the World Packaging Organisation has been organizing WorldStar awards and providing awards to numerous packs from all around the world. WordStar 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. Let's see, what we can learn about new challenges and global packaging trends such as sustainability, hygiene, e-commerce and smart convenience!

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends

Why what you do matters: How packaging can move from problem to solution

Thursday 24 October 12:50 – 13:25

Participants: Mark Shayler, Co Founder, Ape

This presentation uses pop music and advertising examples to illustrate how we have arrived at the precipice of environmental catastrophe, how we can fix the problems, and outlines the good news we see right now

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends, Sustainability

Minimizing Food Waste, Ensuring Food Safety, and Enhancing Production Efficiency: Safeguarding Your Brand and your Customers

Thursday 24 October 14:00 – 14:25

Participants: Martin Willner, General Manager, Ishida Europe

The presentation will cover how automation solutions for the food industry can make a significant contribution to - reducing food and packaging waste and increasing sustainability - enhancing food safety by using X-ray inspection and metal detection - optimise operational efficiencies and OEE through best-in-class technology and the use of big data

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Production efficiency, Sustainability

"Writing as a Tool for Design"

Thursday 24 October 14:30 – 14:55

Participants: Perniclas Bedow, Creative Director/CEO, Bedow

Perniclas Bedow has over twenty years of experience in the brand and packaging design industry. In his lecture 'Writing as a Tool for Design,' he takes you through his studio's unique design process and explains the key to successful brand and packaging design. 'Good design always has a strong narrative. If you rely solely on style, decision-making becomes irrational, and the longevity of the design becomes limited,' says Perniclas Bedow.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends

Alternative recycling: insect-based biological solutions

Thursday 24 October 14:30 – 14:55

Participants: Svetlana Eskebaek, Chief Commercial Officer, Norbite

Do you know that some specific insect can eat up/ digest more than 90 % of commonly used polymeric materials, including recalcitrant synthetic fibers etc. so at the end we can get valuable proteins to use in many industries? Applications are almost unlimited in the fields of bioeconomy, health care, climate, space etc. including food, cosmetics, medicine, upscaled recycling and more.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Sustainability

Lithium Battery statuses and their impact on Dangerous Goods packaging.

Thursday 24 October 15:00 – 15:25

Participants: Niklas Zenk, Global Project Manager, Nefab AB

In the realm of transportation and storage, substances designated as Dangerous Goods possess characteristics that can pose serious threats to humans, animals, the environment, or property if mishandled. Lithium batteries, classified as Dangerous Goods under Class 9 by the United Nations, demand meticulous attention. The primary objective of dangerous goods packaging is to ensure the complete containment of hazardous materials, even under conditions of considerable stress. (This imperative underscores the critical role of specialized packaging and advanced systems in safeguarding against potential risks during transport) For the consignor of lithium batteries, it is imperative to comply with the applicable Dangerous Goods regulations. This presentation will focus on the different packaging requirements that apply for lithium batteries with different statuses.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Packaging trends, Production efficiency

Dry Forming - a Disruptive Packaging Technology with the Potential to Replace Plastic at Scale

Thursday 24 October 15:00 – 15:25

Participants: Anna Altner, Founder and Head of Strategy & IR, Yangi AB

In today's market, sustainability isn't just a buzzword; it's a driving force behind consumer choices. Studies show that customers are now twice as likely to choose products with clear sustainable claims. Beyond consumer preference, legislative measures are increasingly pushing brands towards eco-friendly practices. As governments worldwide enact stricter regulations to combat environmental challenges, adopting our sustainable packaging isn't just a choice—it's a strategic imperative. What if we could:

- Make it easy for brands and packaging producers to switch to fibre-based packaging at a lower cost than existing solutions.
- Significantly reduce CO2 emissions and improve resource efficiency, all the while utilizing an existing recycling system that works.
- Fulfil consumer demand for renewable packaging materials and provide brands with premium aesthetics and an enhanced shelf appeal.

With Celler, Yangi's Dry Forming Technology, we can. Designed to meet circular principles, Celler is a turn-key manufacturing technology for cellulose-based packaging based on dry forming principles, enabling a cost- and resource-efficient solution. Join Anna Altner, Founder of Yangi as she:

1. Walks you through the dry forming process, explains why it is so disruptive and outlines the key benefits of dry forming.
2. Looks at how the dry forming process differs from other sustainable packaging solutions currently on the market.
3. Shares the current applications, limitations, and challenges of dry forming technology.
4. Provides more insights on how packaging producers and brands can swiftly shift part of their product portfolio to cellulose-based packaging and how partners in the entire packaging value chain can accelerate innovation through collaboration.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Innovation, Sustainability

Live pod med Branscholl - Förpackningsbranschen ur en techreporters perspektiv

Thursday 24 October 15:30 – 16:00

Kom och lyssna på när Branscholl med gäster live poddar på Scanpack.

Stage: Media Corner Live pod level 2

Why digital color management

Thursday 24 October 16:00 – 16:25

Participants: Richard Hayden, Color Management Expert, Sun Chemical AB

In regards to the presentation it will be around 20 minutes long covering topics like Why digital color management, Data driven sustainability, Introduction to the SunColorBox and the future direction of our industry.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Production efficiency, Sustainability

Moderatorn hälsar välkommen till Scanpack och dagens program/The moderator welcomes everyone to Scanpack and today's program

Friday 25 October 09:20 – 09:30

Participants: Evelina Galli, Techreporter, P3, Sveriges Radio

Language: English, **Stage:** Packaging Plaza level 2

Easy to use - A unique method to ensure user-friendly packaging

Friday 25 October 09:30 – 09:55

Participants: Lena Lorentzen, Industrial Designer specializing in Inclusive Design Professor of Industrial Design, Lena Lorentzen Design AB

The ease of opening and handling the packaging can be crucial in determining whether customers are satisfied with their purchase. That's why it's well-advised and cost-effective to involve the most demanding users early in the design process. Notably, since the population of older consumers with high purchasing power is growing. If the packaging is functional and easy to handle for people with reduced hand function, it generally improves the interaction experience for all consumers. Easy to use is a unique testing method that involves people with limited hand function to determine whether the packaging is user-friendly. Leading companies like Ecolan, Essity, Nolato Cerbo, and Tetra Pak have embraced this testing process to ensure their packaging meets the highest accessibility standards. If the test group approves the packaging, it will get an Easy to use certificate from the Swedish Rheumatism Association.

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Innovation, Production efficiency

Unlocking the Future of Coffee Packaging

Friday 25 October 09:30 – 09:55

Participants: Staffan Kaldén, Packaging Manager, within R&D, Paulig

In his talk, Staffan will share how the food and beverage company Paulig has developed a consumer-friendly, recyclable vacuum coffee packaging that is easier to open and reclose. Paulig is one of the first companies in the world to introduce this innovation to the market, made possible through extensive research, investments and teamwork with many stakeholders. This is a successful example of making the packaging more sustainable to address consumer expectations. Paulig aims to have 100% of their packaging recyclable by the end of 2027, including the brands of Santa Maria and Risenta. Om Paulig: Paulig provides all things tasty: coffees, Tex Mex, World Foods, spices and snacks. The company's brands are Paulig, Santa Maria, Risenta, Poco Loco and Zanuy. Paulig's sales amounted to approximately EUR 1.2 billion in 2023. Paulig is highly recognized as a coffee brand and won the Sustainability Brand Index for the fifth years in a row earlier this year.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation, Packaging trends, Production efficiency, Sustainability

Unpacking the Future: Reimagining Packaging to Solve Hidden Challenges

Friday 25 October 10:00 – 10:25

Participants: Thomas Lindström, Senior Industry Director, CPG-R, Shika Chand, Client Executive, CPG-R

While packaging is often seen as a straightforward aspect of product presentation, it can hide a myriad of challenges that can significantly impact a product's success. We will share some of the hidden challenges in packaging and also ways to solve them through digital technologies.

Language: English, **Stage:** Scanpack Pioneers level 1

Scanpack Matchmaking - meetings that match all expectations!

Friday 25 October 10:00 – 11:00

Why matchmaking? *Effective meetings: With matchmaking you can pre-book meetings. This means that you can optimise your time at the exhibition by meeting those of greatest relevance to your business needs. *Networking: Regardless of whether you want to reach a specific target group, find a specific product or expand your network, matchmaking provides the opportunity to meet suppliers, customers and business partners in a timely and effective manner. *New business opportunities: Matchmaking is a powerful tool for finding new business opportunities. By meeting potential suppliers, customers and business partners in an organised manner, you can increase your opportunities to generate new business relationships. More information: här

Language: English, **Stage:** Matchmaking Area level 2, **Track:** Others

Design is the most powerful environmental tool there is.

Friday 25 October 11:00 – 11:30

Participants: Mark Shayler, Co Founder, Ape

This talk focuses on design and design thinking. How do we design a better system for packaging and the products it carries?

Language: English, **Stage:** Packaging Plaza level 2, **Track:** Packaging trends, Sustainability

Reusable packaging solutions for medical devices

Friday 25 October 12:00 – 12:25

Participants: Hafdis Jonsdottir, Project manager, Chalmers Industriteknik

Chalmers Industriteknik has been actively involved in numerous packaging-focused projects, addressing areas such as reusable food containers, grocery bags, and transport packaging, among others. Hafdis Jonsdottir, project manager at Chalmers Industriteknik, will present the Vinnova funded development and innovation project "Cirkulära flergångsförpackningar för medicintekniska produkter" which examines the benefits of adopting reusable transport packaging within the healthcare system in VGR, as opposed to traditional single-use alternatives. Through extensive research, collaborative workshops with project partners, and a detailed study of best practices, the project has developed a comprehensive concept proposal that aligns with the needs and expectations of key stakeholders.

Language: English, **Stage:** Scanpack Pioneers level 1

The Future of Reusable Takeaway Packaging

Friday 25 October 13:00 – 13:25

Participants: Clara Lidberg, VD, PANTER

Panther is Sweden's largest system for reusable takeaway packaging. Listen to their CEO, environmental lawyer Clara Lidberg, talk about the journey so far and what they have learned along the way. You will also learn more about the regulations and innovations that will affect the future of reusable packaging. How will your business be impacted?

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Innovation

For many factories and production facilities, conducting a successful Industry 4.0 transformation is a daunting prospect. Where to begin?

Friday 25 October 13:30 – 13:55

Participants: Andreas Gjerde Foldrup, Project Engineer, Group Digital Solutions, Goodtech AS

There is currently a substantial gap between the technologies that exist on the market, and the technologies that are being used by Nordic industrial companies today. How did we end up with this technology gap, and what does the future hold? What are the implications for industrial companies, and what benefits can a focused digital strategy bring to the table? Andreas Foldrup, project engineer at Goodtech, seeks to explain this technological divide in detail, and look at how we ended up here, and where we are going.

Language: English, **Stage:** Scanpack Pioneers level 1, **Track:** Production efficiency

Leaves - the overlooked packaging material of tomorrow

Friday 25 October 14:00 – 14:25

Participants: Dot. Claudio Fritz-Vietta, General Manager, Leef Blattwerk GmbH

Recycling is increasingly being revealed as an ineffective deception and dead end on our way to more sustainability. Widely promoted alternatives like paper and bagasse, are resource-intensive and contribute significantly to carbon emissions. The world urgently needs a truly sustainable packaging solution! In this talk, we will explore the innovative potential of leaves as a zero-carbon, fully circular packaging material of the future. With the ability to surpass both paper and plastic in performance and sustainability, leaves could revolutionize the packaging industry and offer a groundbreaking solution to our environmental challenges.

Language: English, **Stage:** Scanpack Pioneers level 1