



Flanders
State of the Art

Sustainable packaging solutions for retail ecosystem

SustainableSolutionsMatch

Welcome!



SustainableSolutionsMatch

Session Agenda

- Welcome & Introduction
- Sustainability in Retail sector
- Pitch Presentations:
 - Pitch 1: Biopap (Italy)
 - Pitch 2: Corapack (Italy)
 - Pitch 3: Proservation (Germany)
 - Pitch 4: Stabilplastik (Czechia)
 - Pitch 5: EnvoPAP (United Kingdom)
 - Pitch 6: WildPlastic (Germany)
 - Pitch 7: return2sender (Belgium)
- Closing Remarks



Welcome & Introduction

Let's play by the rules: smooth sailing for our session!

- **Mute Policy:** Please remain muted unless speaking to avoid background noise.
- **Q&A Time:** After each pitch, there will be 1–2 minutes for questions. Please use the chat to ask questions.
- **Session Recording:** This session will be recorded.
- **Time management:** Pitchers, please keep track of your time. We will inform you if 5 minutes have passed.
- **Technical Issues:** If you encounter issues, use the chat to notify the host.



Welcome & Introduction

Who's moderating?

Susy Longoni
Innovhub SSI (Italy)
Head of International projects



INNOVHUB
STAZIONI SPERIMENTALI
PER L'INDUSTRIA

innovation and research

Federico Agostini
Innovhub SSI (Italy)
EU Project manager

Who's organizing?

New PPWR Regulation (EU) 2025/40

- Packaging that enters the market must be produced to contain **no or only a minimal amount of harmful substances**.
- In line with the circular economy, all packaging put on the market **must be recyclable**.
- Minimization of packaging – **size matters!**
- **Reusable packaging**, they must be able to be emptied without being damaged, while still maintaining the quality and safety of the product and ensuring its labeling.
- **Labeling obligations**, How do retailers or distributors ensure that the packaging they distribute complies with the respective regulations? Suppliers of packaging must provide information and documents that certify conformity and inform.
- **Mandatory representative and EPR** - This means that every company or online seller that ships goods to a European country in which they do not have a branch must have a representative for extended producer responsibility in each of these countries.

EU Waste
Framework
Directive
(2008/98/EC,
'WFD')

SUP

Packaging waste recycling targets:	By 2025	By 2030
All packaging	65%	70%
Plastic	50%	55%
Wood	25%	30%
Ferrous metals	70%	80%
Aluminium	50%	60%
Glass	70%	75%
Paper and cardboard	75%	85%

EU Packaging
Waste
Directive
(94/62/EC)

Sustainability in packaging: key market drivers and trends

Trend/ Driver	Current status	Likely impact by 2025
Brand owner commitments to sustainable packaging	Many major brand owners and large retail chains have announced sustainable packaging goals	Single-use plastic packaging reduction using improved design, making plastic packaging reusable, recyclable or compostable and ensuring the use of recycled materials
Consumer attitudes to sustainability and recycling	Consumers are increasingly aware of sustainability practices that focus on end-of-life recycling, waste management issues and beginning-of-life choices	Conscientious consumers increasingly look for packaging made from recycled/recyclable materials or from renewable resources
Mono-materials	Even the best monolayer polymer solutions currently cannot always provide the level of oxygen and moisture protection required for specific foods and other perishable goods	Companies and consumers continue to look for easy to recycle packaging with ability to keep foods safety in compliance with food contact regulations
Cost of recycled materials versus virgin stock	A lot of uncertainty with a price rally in used recyclate driving prices much higher than for virgin PET. A lot of capacity constraints and challenges to source PET bottles for recycling	Higher collection and recycling rates leading to growing availability and more developed secondary markets for recycled plastics
Lightweighting of existing formats	Refining a package's design so it uses the least material necessary is a trend that has been ongoing for several decades	For most formats, designs continue to be optimised to a level where only marginal further carbon dioxide savings are possible, purely from lightweighting
Growing popularity of harder to recycle packaging types	Multi-material, multilayer flexible packaging, and metallised plastics are difficult and costly to recycle	Brand owners and converters pay more attention to packaging that is designed for easy recycling
Regulatory requirements for packaging recycling	EU has passed legislative package that establishes new rules for waste management and legally binding targets for recycling and that embraces the circular economy	Packaging reuse, recycling and recovery have become key concepts, with a new paradigm being developed to promote sustainability
Product and technology development	Innovation lends critical support to the further development of sustainable and recyclable packaging	To support packaging recycling, new and innovative products continue to develop
Biodegradable plastics impede package recycling	Mixing traditional and biodegradable plastics in waste streams jeopardises efforts to increase plastics recycling rates	With growing production of biodegradable products, it is essential to implement separate collection schemes for bio-waste

Solution providers

PITCH 1

[Michelangelo Anderlini](#)
President and Co-Founder



BIOPAP - Sustainable and compostable food packaging solutions made from renewable raw materials, ensuring high performance and a fully circular approach as an alternative to conventional packaging

PITCH 2

[Fabrizio Radice](#)
Owner and General Manager



CORAPACK - Specializes in sustainable packaging solutions utilizing recycled and biodegradable materials, offering eco-friendly alternatives to conventional packaging.

PITCH 3

[Henning Tschunt](#)
CEO



PROSERVATION - Develops innovative protective packaging from upcycled regional residual materials, providing sustainable and efficient alternatives to traditional packaging.

PITCH 4

[Patrik Luxemburk](#)
CBO and CDO



STABILPLASTIK - Produces durable pallets and other products from recycled plastic waste, contributing to waste reduction and offering sustainable solutions for logistics.

PITCH 5

[Khaliun Purev](#)
Global Operations Lead



ENVOPAP - Manufactures sustainable paper and packaging products using agricultural waste, providing eco-friendly alternatives to traditional paper-based materials.

PITCH 6

[Christian Sigmund](#)
CEO and Co-Founder



WILDPLASTIC - Collects and recycles plastic waste from the environment to create sustainable packaging materials, promoting environmental cleanup and circular economy practices.

PITCH 7

[Willem Walravens](#)
CEO



RETURN2SENDER - Reusable packaging solutions for B2B logistics, prioritizing circularity through reuse and remanufacturing.



Pitch Presentations

Time to meet the innovators!



Sustainable and compostable food packaging solutions made from renewable raw materials, ensuring high performance and a fully circular approach as an alternative to conventional packaging.

Pitch 1
BIOPAP
Michelangelo Anderlini





BIOPAP GENIUS MEAL TRAY®

Self-supporting, Modular, Compostable Meal Tray for serving Hot and Cold quality meals

BIOPAP®

Michelangelo Anderlini
President and Co-Founder



SustainableSolutionsMatch



BIOPAP® has been developing and producing compostable food packaging solutions, from renewable raw materials, for of over 22 years

The main driver of the development has been to improve resource management in the catering service and in patient's care. The lower availability of skilled work force and the need of Care institutions to focus growing resources on personal care are pushing for re-engineering the catering service.

We designed and patented this revolutionary solution to make the Hospitals, Elderly Homes and School catering service simpler and more convenient to operate.

BIOPAP Genius Meal Tray® streamlines the operations in food preparation with a compostable, light and stiff meal tray that can be directly prepared and sealed in the central kitchen operating with the Cook & Chill process or Cook& Freeze process.

BIOPAP Genius Meal can be directly blast chilled, stored and then picked according to daily needs to fill Meal trolleys.

Once transported to the service point, the Double-**Flow Trolley filled with GENIUS Meal Tray® can be docked and reheated on** the warm meal side according to the program whilst the chilled part of the meal is kept at 3-4°C.

Trolley can then be picked-**up by care personnel and BIOPAP Genius Meal Tray® directly served to patients with part of the** meal warm and part of the meal cold.

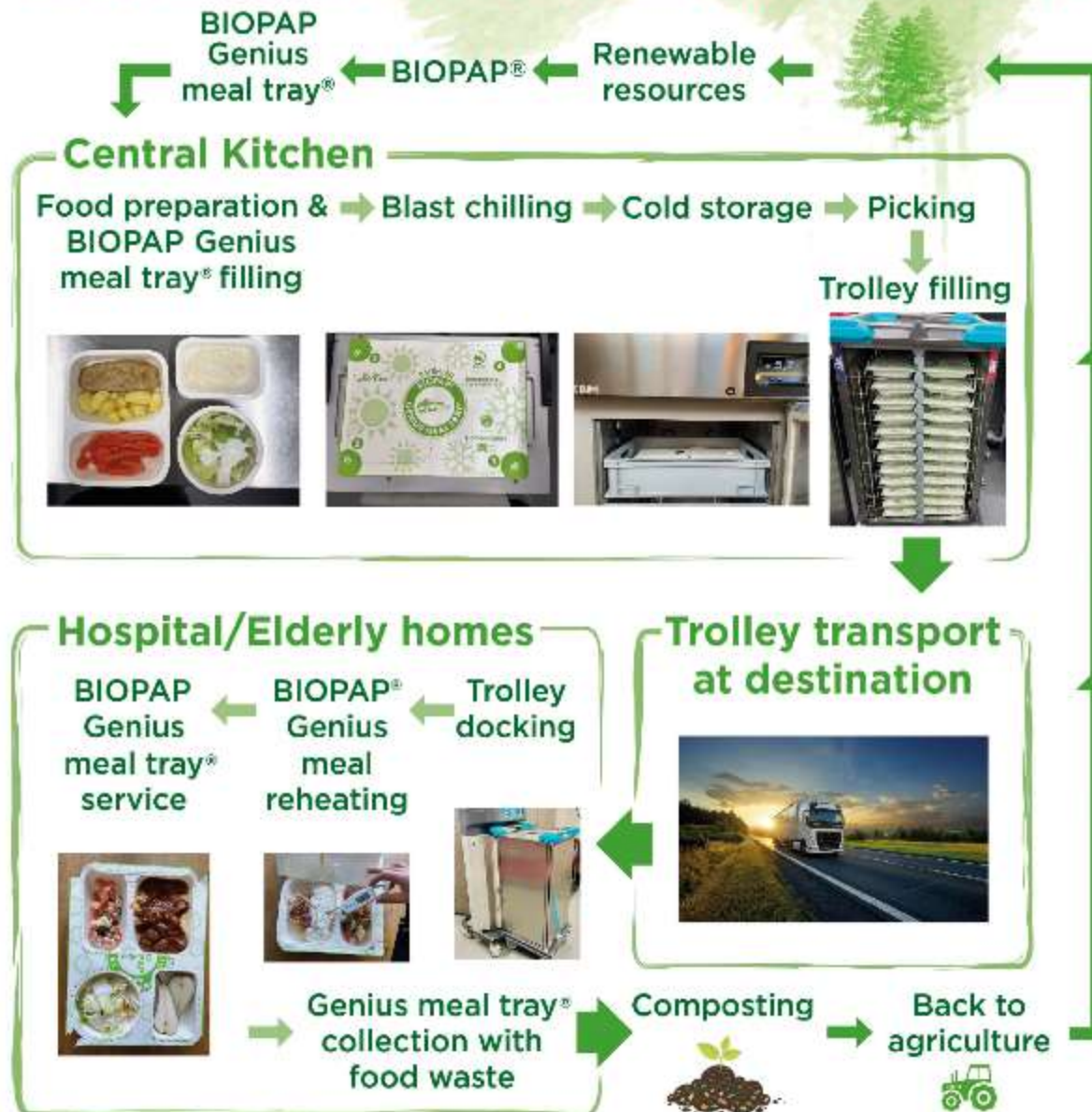
After the service, BIOPAP Genius Meal Tray® can be collected with food waste, stacked disposed to organic waste for composting

An efficient and circular system, enhancing local agriculture and helping farmers and local communities to fight against climate change, enriching soils with higher organic carbon, microorganisms and water retention.



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BIOPAP Genius meal tray®: the revolution in meal system concepts



Full circularity with BIOPAP Genius meal tray®



BIOPAP Genius Meal tray allows

- Efficient and organized meal preparation process&service (-30% time)
- Food waste reduction (longer shelf life & deliver on order)
- 80% Weight reduction compared to traditional Meal trays
- Easy and light Handling for Care personnel (less fatigue)
- Higher food and service quality (on time, right temperature, no overcooking)
- Easy and simple Meal waste collection (Time & fatigue)
- Fully compostable, driving more food rest to compost
- NO water, energy, chemical consumption for the wash up
- More room and time for diagnostic and care



Market/Target audience – Who can apply your solution?

- Hospitals
- Clinics
- Elderly Homes
- Schools
- Hotels
- Events



Sustainable and circular innovation needs good networks along the whole value chain. What kind of cooperation partners would you like to connect to beyond finding new customers?

- Hospitals, Clinics, Elderly Homes, Schools (Users)
- Professional caterers (Food preparation & service providers)
- Cities and Municipalities (Guide-lines and targets)
- Organic Waste Hauliers and
Waste management companies (Composters)
- Farmers (Compost Users and food growers)



#EENCanHelp

Book a meeting with: **BIOPAP®**

Michelangelo Anderlini
President
BIOPAP®
sales@biopap.com



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Pitch Presentations

Time to meet the innovators!



Specializes in sustainable packaging solutions utilizing recycled and biodegradable materials, offering eco-friendly alternatives to conventional packaging.

Pitch 2
Fabrizio Radice
Corapack



Innovative films for packaging solutions

CORAPACK srl

Fabrizio Radice

Owner and General Manager



SustainableSolutionsMatch

Corapack: over 40 years of experience in the sector of flexible films in traditional polymers (polypropylene, polyethylene and polyester) or compostable and biodegradable polymers. The films are intended for the packaging of mainly food products.

We can print, laminate and convert different biodegradable and compostable films and recycled polymers in order to obtain tailor made solution for any exigency.



The problem and the legislation constraints

For all packaging that after use remains too contaminated by the inner product (such as coffee capsules, creams and sauces, cosmetics, **greasy products, and so on...**) **recycling can be a problem linked to separation and cleaning.**

The new PPWR introduce the clear responsibility to use only packaging materials really recyclable on scale.



The solution

Biodegradable and compostable packaging can avoid the landfill of the same.

Where sufficiently clean the use of recycled polymer reduce the carbon footprint.



Corapack contribution

If you can not demonstrate that your packaging material will be recycled on scale, probably compostability is the solution for you. If you can, you will be in any case asked to use a minimal percentage of recycled content.

In both cases HERE WE ARE!



Corapack offer

Sustainable and circular innovation needs good networks along the whole value chain. We can offer converting experience and materials know how to develop specific solution for any packaging application.

We are open for cooperation with food and industrial packers, as well as new polymer or additives producers.



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Book a meeting with: Corapack Srl

Fabrizio Radice
General Manager
Corapack Srl
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Pitch Presentations

Time to meet the innovators!



Develops innovative protective packaging from upcycled regional residual materials, providing sustainable and efficient alternatives to traditional packaging.

Pitch 3
Prosevation
Henning Tschunt



Packaging with Reason

PROSERVATION GmbH

Henning Tschunt
CEO



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Plant-based by-products as a starting material for our alternative packaging solutions



HUSKS

... are the natural shell of cereal grains
... accumulate in large quantities and largely unused
... 120,000+ t / year of spelt husks in Germany alone



Packaging safely, without compromising on sustainability

Innovative protective packaging solution made from upcycled grain residues

CUSHIONING

+ residue-based

INSULATING

+ biodegradable

LIGHT WEIGHT

+ renewable

MOULDABLE

+ European patent
granted

REFINABLE



SustainableSolutionsMatch

Our world innovation combines unique advantages for a holistically sustainable packaging solution

- **Shock absorption**
- **Insulation**
- **Individual mouldability**
- **Energy efficient manufacturing process**
- **Scalability**
- **Affordability**
- **Upcycling of regional residual materials:** Leveraging locally sourced by-products to create value and reduce waste.
- **No plastics:** Our solutions are entirely free of synthetic polymers, promoting a cleaner and greener future.
- **Compostability:** The material is both home and industrially compostable, ensuring it returns to nature without leaving harm
- **Natural look:** Natural look enables direct visibility of sustainability for eased communication of sustainability ambitions



SustainableSolutionsMatch

Targeting different B2B customer needs

Provider for standardised and individual ecological cushioning packaging solutions.

INDIVIDUAL PACKAGING



STANDARD PRODUCTS



INDUSTRIAL DEVELOPMENT PROJECTS



TARGET GROUP

Retailers and manufacturers of fragile, high-quality goods with high sustainability standards.



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We need strong production partners and a stable, decentralized supply for our next growth steps.

**PRODUCTION
PARTNERS**

**INTERNATIONAL
SUPPLIERS**

**SCALING
EXPERTS**

**LEGAL EXPERTS
(Licensing,
Cooperations)**



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Book a meeting with: PROSERVATION GmbH

Henning Tschunt

CEO

PROSERVATION GmbH

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Pitch Presentations

Time to meet the innovators!



Produces durable pallets and other products from recycled plastic waste, contributing to waste reduction and offering sustainable solutions for logistics.

Pitch 4
Stabilplastik
Patrick Luxemburk



Sustainable logistics

Stabilplastik, spol. s r.o.

Patrik Luxemburk
CBO/CDO



Using MIXED plastic waste as a valuable material

Stabilplastik uses mixed plastic waste from post-consumer waste for manufacturing of transportation pallets

Pallets are used accros various industries globally = universal product

Pallets can be easily tracked so waste is under control

Pallets are made solely from waste and can be easily from 100% repeatedly recycled without loss of their key advantages

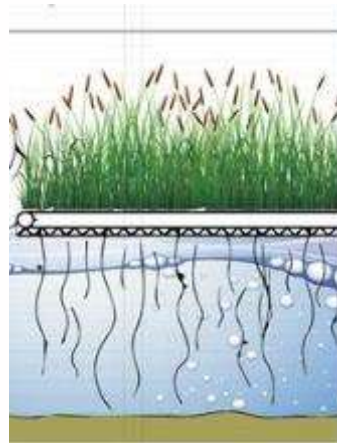
Pallets can be closed into closed circles among companies

Compared to wooden pallets, **Stabilplastik's** pallets have by 77% lower impact on environment (LCA, EPD certification)

If used in pooling systems, **Stabilplastik's** pallets are in fact immortal

Smart pallets available in our product portfolio





Sole material
input = mixed
plastic waste

Zero-waste
technology=
100% inputs
processed

Electricity= solar
power plant

Cooling= sewage
water filtered by
root zone
treatment

Plastic pallets as
a durable
substitute for
wooden pallets

77% lower
impact on the
environment
(LCA certificate)

All products are
100% recyclable
(continuously)



Solution differential value and sustainable impact

Stabilplastik treats plastic waste as a valuable material that can be repeatedly 100% recycled
Stabilplastik decreased volume of plastic waste that is landfilled or incinerated
Stabilplastik has products that are repeatedly recycled
Stabilplastik is constantly searching for new products and technologies
Stabilplastik can offer technical solution that can be scaled up accros the world



Market/Target audience – Who can apply your solution?

Companies and individuals within waste management area

Countries searching for circular and sustainable usage of plastic waste (preferably mixed plastic waste)

Customers within logistics who are searching for sustainable and circular solution and high value added

Countries focused on using plastic waste as a source/material

ANYBODY WHO IS FOCUSED INTO REPROCESSING OF MIXED PLASTIC WASTE AS THE MOST COMPLICATED PART OF POST-CONSUMER PLASTIC WASTE



Sustainable and circular innovation needs good networks along the whole value chain. What kind of cooperation partners would you like to connect to beyond finding new customers?

- improve technology
- develop new products
- SCALE UP OUR SOLUTION ACCROSS EUROPE



#EENCanHelp

Book a meeting with: STABILPLASTIK

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CBO/CDO
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Pitch Presentations

Time to meet the innovators!

envoPAP

The Sustainable Materials Company

Manufactures sustainable paper and packaging products using agricultural waste, providing eco-friendly alternatives to traditional paper-based materials.

Pitch 5
Khaliun Purev
EnvoPAP



Disrupting the world of Paper and Packaging for GOOD

envoPAP

Khaliun Purev
Global Operations Lead



SustainableSolutionsMatch

Our Solution

envoPAP transforms agricultural waste into high-performance, tree-free paper and packaging, reducing deforestation, plastic pollution, and carbon emissions.

How It Works

- Repurposes agricultural waste (sugarcane bagasse, wheat straw, rice husk) into premium paper and packaging materials.
- All products are recyclable, biodegradable, compostable, and marine-degradable.
- Plug-and-play materials that work seamlessly with existing machinery.



envoPAP's Measurable Sustainable Impact

- 🌲 2M+ Trees Saved by replacing virgin wood pulp-based packaging.
- 🔥 Eliminates Agricultural Burning preventing black carbon emissions, a major contributor to climate change.
- ⇒ 28-38% Lower Carbon Emissions compared to traditional materials.
- ♻️ 100% Recyclable, Compostable, Biodegradable & Marine-Degradable ensuring zero waste pollution.
- 👤 Fair Pay for Farmers creating new income streams by purchasing agricultural waste.

envoPAP is not just an alternative—it's the future of sustainable packaging, offering businesses an easy, cost-efficient, and impactful way to meet environmental goals while maintaining high product performance.



Who Uses envopAP?

- ✓ Packaging Manufacturers - Sustainable alternatives for food, beverage, e-commerce, and retail packaging.
- ✓ Printing Houses - High-quality, eco-friendly paper & board solutions for publishing, labels, and marketing materials.
- ✓ Food & Beverage Companies - Alternatives to plastic and plastic-coated materials that offers different types of barrier functions.
- ✓ E-Commerce & Logistics - Sustainable mailers, wrapping papers, and protective packaging.
- ✓ Consumer Goods & Retail - Branded sustainable packaging for cosmetics, electronics, and apparel.
- ✓ Supermarkets & Quick-Service Restaurants - Sustainable plastic-free, wood-free cutlery range, cups and disposable tableware.
- ✓ Plastic Packaging Tax, EUDR compliant

Certifications

B Corp, Vegan, Fair-Trade, FDA, BfR, ISO 9001, ISO 14001.



Key Cooperation Partners We Seek:

- Manufacturing & Processing Partners – Coating specialists, converters, and machinery providers to optimize production efficiency and enhance product quality.
- R&D and Innovation Partners – Universities, research institutes, and technology firms to drive innovation in biodegradable coatings, fiber technology, and circular economy solutions.
- Policy Makers & Regulatory Bodies – Collaborating with governments, environmental agencies, and certification bodies to shape sustainable packaging policies and compliance.
- Industry Associations & NGOs – Partnering with sustainability-focused organizations to advocate for greener supply chains and drive global impact.



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Book a meeting with: Company name

Khaliun Purev
Global Operations Lead
EnvoPAP Limited



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Pitch Presentations

Time to meet the innovators!

WILDPLASTIC
RECOVERED FROM NATURE

Collects and recycles plastic waste from the environment to create sustainable packaging materials, promoting environmental cleanup and circular economy practices.

Pitch 6
Christian Sigmund
WildPlastic



**Recovered from the wild - LDPE foil
packaging applications with social impact.**

WILDPLASTIC® GmbH

Hamburg, Germany



[SustainableSolutionsMatch](https://SustainableSolutionsMatch.com)

We're turning wild plastic waste (LDPE) into regenerative, circular packaging solutions.

- made from recovered, recycled LDPE**
- supporting waste pickers worldwide**
- shipping bags, poly bags, zipper and much more**



3 billion people live without access to waste management.

- we're working with local, informal org's**
- waste offtake creates system support**
- WILDPLASTIC® is sourced from the most polluted areas on this planet.**



We're providing either WILDPLASTIC® granules for production or finished packaging products

- Recycled PCR, but with social and environmental impact**
- Contributing to a global recovery & clean up**
- Elevating your brand and product perception**



We're catering our WILDPLASTIC® solutions to brands and converters alike.

- Are you currently using LDPE plastic in your value chain?**
- Are you ready to switch to recycled, but want to contribute to system change at the same time?**



#EENCanHelp

Book a meeting with: return2sender

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Pitch Presentations

Time to meet the innovators!



Reusable packaging solutions for B2B logistics, prioritizing circularity through reuse and remanufacturing.

Pitch 7
Willem Walravens
return2sender



Wrapping Pallets Sustainably

return2sender

Willem Walravens
CEO



SustainableSolutionsMatch

Wrapping pallets needs a **21st century update**

CO₂ bomb – more than 40 kg CO₂ per roll of foil

Millions of tons of plastic waste



Not reusable = not PPWR-proof



Elvis – the World’s Best Reusable Wrap



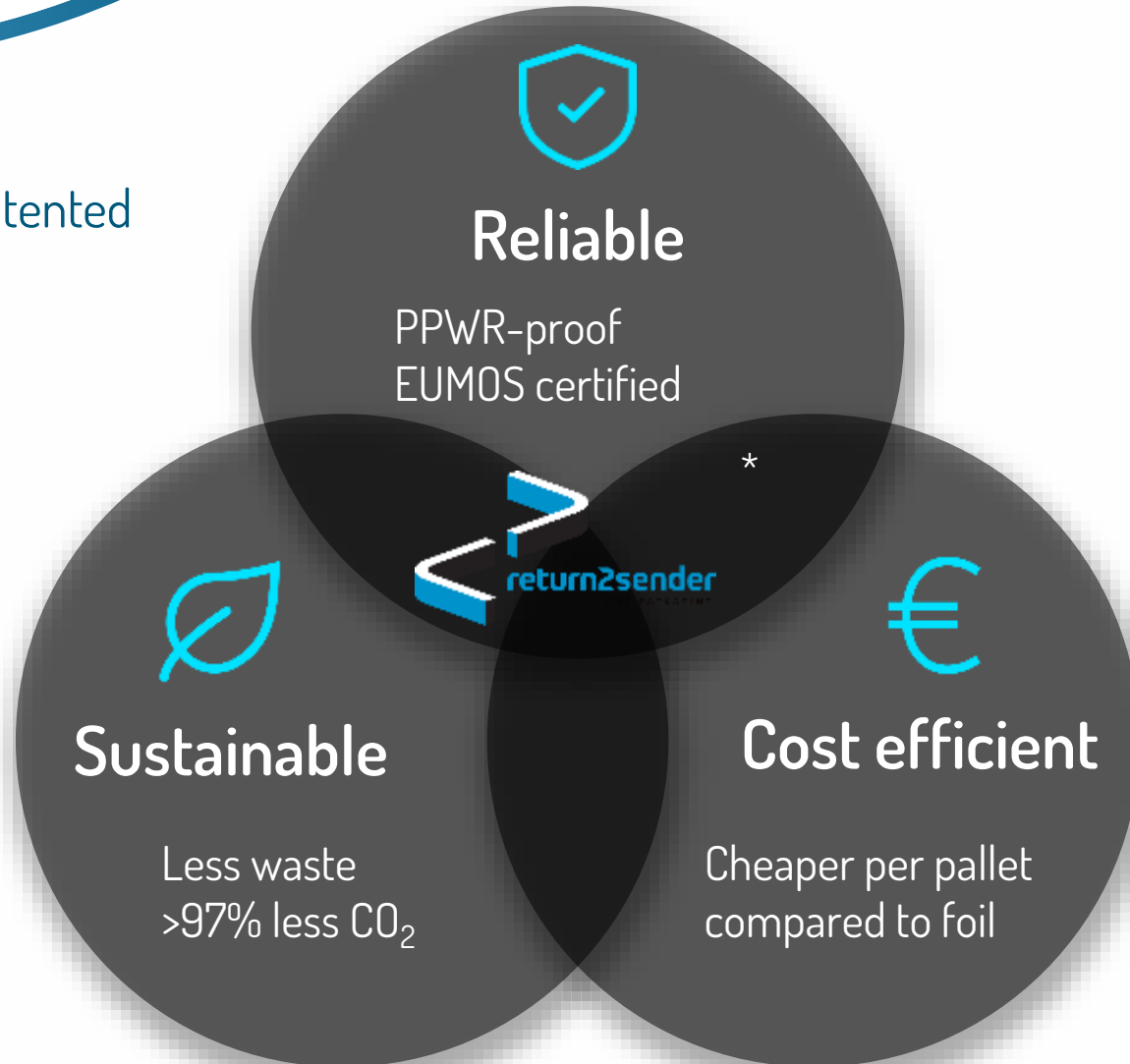
- **Circular** and reusable design, in line with European PPWR legislation
- **User friendly**
- **Safe** for transportation on the road (EUMOS-certified)
- **Patented** design



Elvis – loads secured



Elvis is a unique, patented combination of:



* Patent Pending



Who can apply our solution?

Any company that transports products on pallets!

Today



- Loop logistics
- All kinds of loads
- Uniform shapes

Under development



- loads with different shapes

Roadmap



- return logistics
- high-throughput wrapping

Want to partner?

We are interested in connecting with following companies

- Pilot testers
- Distributors
- Machine makers



#EENCanHelp

Book a meeting with: return2sender

Willem Walravens
CEO
return2sender
willem@return2sender.co



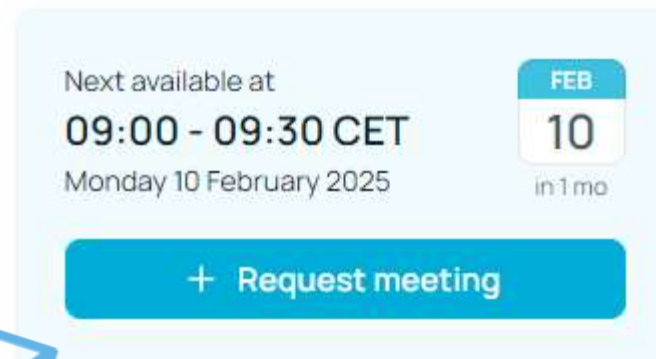
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Closing Remarks

A big thank you to all pitchers and attendees!
We appreciate your participation today.

If you'd like to connect with any of the pitching companies, please use the matchmaking tool to **book a meeting!**



Next available at
09:00 - 09:30 CET
Monday 10 February 2025

FEB
10
in 1 mo

+ Request meeting

Need support? **Enterprise Europe Network is here to help!**

Reach out to your local Network partner:

<https://een.ec.europa.eu/local-contact-points>



#EENCanHelp

Thank you!

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Project manager
Innovhub SSI
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STAZIONI SPERIMENTALI
PER L'INDUSTRIA

innovation and research

