



**SUPERIOR PACKAGING
BY DESIGN
SUSTAINABLE BY NATURE**

Company presentation 2026



MISSION



NEXT-GEN RECYCLABLE FLEXIBLE PACKAGING MADE SIMPLE

Mono material paper or plastic structures with lower costs and superior barriers.

Replace Aluminum & EVOH-no CapEx, easy scale-up. Expert partners in paperization and recyclable packaging solutions.

THE CHALLENGE



Replace non-recyclable multilayer structures in paper or plastic with a mono-material, recyclable alternative.

A simple, easy-to-implement solution, cost-effective, no CapEx, PPWR-ready, with food-contact approval in place.

PAPERIZATION WITH A LONGER SHELF LIFE

- Superior Water Vapor, Oxygen, Grease & Aroma Barrier (WVTR & OTR)
- Easy Transition from Plastic to Sustainable Paper Packaging
- Water-Based, Recyclable, and Repulpable
- Universal Packaging Compatibility

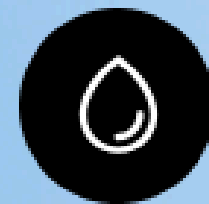


SUPERIOR ECO-FRIENDLY PLASTIC SOLUTIONS

- Superior Oxygen Barrier (OTR)
- Extended Shelf Life
- Using existing coating lines
- Innovative 100% Recyclable Packaging Design
- Print-ready and Lamination- ready

VBSEAL HIGH WATER VAPOR BARRIER

Your high-quality alternative to plastic



Heat-sealable, high-performance water vapor, oil, grease, and aroma barrier



Recommended for fresh food, morning cereal, fast food, biscuits, tea, and butter

MELOX NGEN ULTRA-HIGH OXYGEN BARRIER

Your high-quality alternative for EVOH, AlOx, SiOx



High-performance oxygen barrier

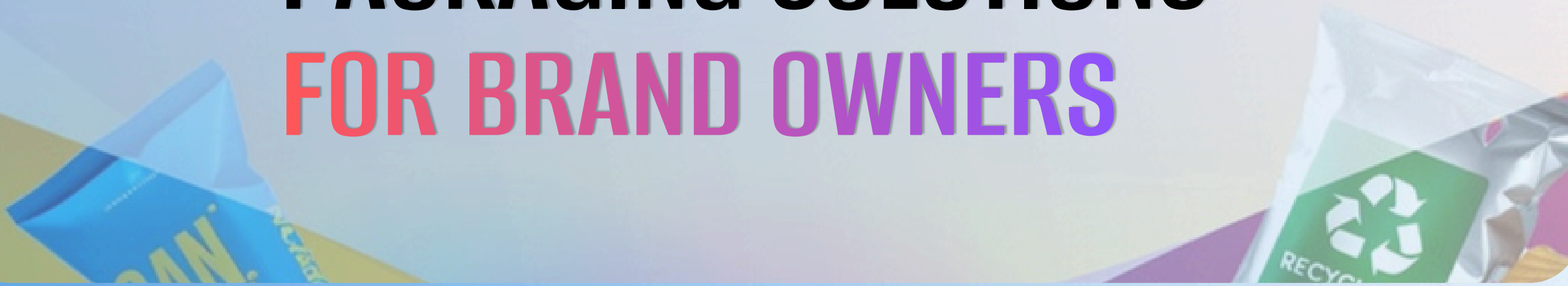


Recommended for fresh foods, coffee, nuts, meat, fish, and cheese



Melodea
RECYCLABLE PACKAGING SOLUTIONS

READY-TO-FILL PACKAGING SOLUTIONS FOR BRAND OWNERS



SOLUTIONS

MELOPACK

**READY-TO FILL RECYCLABLE
FLEXIBLE PACKAGING,
IN 30 DAYS**



A transparent, mono-material, recyclable film or paper - PPWR-ready, food-contact approved, Manufactured through our in-house converter, taking brands from specification to production-ready printed rollstock.

SOLUTIONS

MELOPACK

From €6/kg
[plastic] -
competitive
pricing

30
days

PPWR-
Ready

- FDA
- BfR

DEPLOYED TODAY IN

Flour · Spices ·
Butter · Avocado
spread · Tea · & More



REGULATORY COMPLIANCE & CERTIFICATIONS

Free of:

- Bisphenol A
- Phthalates
- PFAS



PRODUCTION AND IMPLEMENTATION



READY FOR
LAMINATION WITH
VARIOUS ADHESIVES



SUITABLE FOR HIGH-
PRESSURE APPLICATIONS
(MAP, RETORT, STERILIZATION)



COMPATIBLE WITH SOLVENT-BASED
INKS FOR FLEXOGRAPHIC &
GRAVURE PRINTING



EXPERT SUPPORT
PROVIDED THROUGHOUT
IMPLEMENTATION



Melodea
RECYCLABLE PACKAGING SOLUTIONS

360° SUPPORT



Advanced R&D center
for packaging optimization



Mocon instruments
for WVTR/OTR measurement



Seamless Transition to Production



EXPERT SUPPORT
PROVIDED THROUGHOUT
IMPLEMENTATION



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RECYCLABLE PACKAGING SOLUTIONS

MEET THE TEAM



Dr. Shaul Lapidot
CEO & Co-founder

Co-founder & CEO with more than ten years of research leadership and business in the field of biomaterials



Alon Hayka
Commercial Director

An entrepreneur, co-founded Galileo and DenX Advanced Medical Systems, leading it to a public and private offering while raising over \$100M



Dr. Einav Barak-Kulbak
R&D Director

Extensive research leadership in the field of biomaterials production and product development



Prof. Oded Shoseyov
Scientific Advisor & Co-Founder

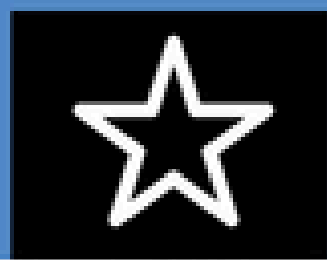
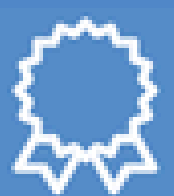
Prolific inventor, with 25 years of extensive experience with plant genetic engineering, protein engineering & nano-biotechnology



Albert Douer
Chairman of the Board

Industrialist and entrepreneur in cleantech and plastics, with active investments in recycling technology startups

RECOGNITION

 FachPack 2019	 WORLDSTAR WINNER 2020	 Packaging Europe 2023	 2024 GLOBAL RECOGNITION AWARD WINNER WWW.GLOBALRECOGNITIONAWARDS.ORG
 2019 SUSTAINABILITY AWARDS 25 SEPTEMBER 2019 • NÜRNBERG, GERMANY	 Interpack 2020	 THE SUSTAINABILITY AWARDS WE ARE 2023 FINALISTS! RENEWABLE MATERIALS® #SUSTAINABILITYAWARDS2023	 Global Recognition 2024
 Sustainable Packaging Innovation, 2024	 EUROPEAN GREEN AWARD 2024 NOMINEE	 World Sustainability Awards 2024	 Sustainability. AWARDS 2024 FINALIST
 US PLASTICS PACT SUSTAINABLE PACKAGING INNOVATION AWARD RECYCLABILITY 2024 FINALISTS	 European Green, 2024	 WORLD SUSTAINABILITY AWARDS 2024	 World Sustainability and ESG Awards 2024

MELOPACK MONO-MATERIAL STRUCTURES

BOPP + MelOx-NGen + **CPP**

Ultra-high barrier, transparent stiff film

PET + MelOx-NGen

High barrier, flexible mono-PE structure

PE + MelOx-NGen

Bio-based drop-in with the same barrier profile

Paper + MelOx-NGen+ VBseal

Bio-based drop-in with the same barrier profile



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RECYCLABLE PACKAGING SOLUTIONS

**YOUR
RECYCLABLE PACKAGING
IS ONE STEP AWAY**

