



**lietpak**

**Est. 1991**

# Your reliable packaging partner

# Individual and sustainable solutions worldwide



## Skin packaging

## Flow-packing film

Lidding film

## Thermoforming film

## Bags and pouches

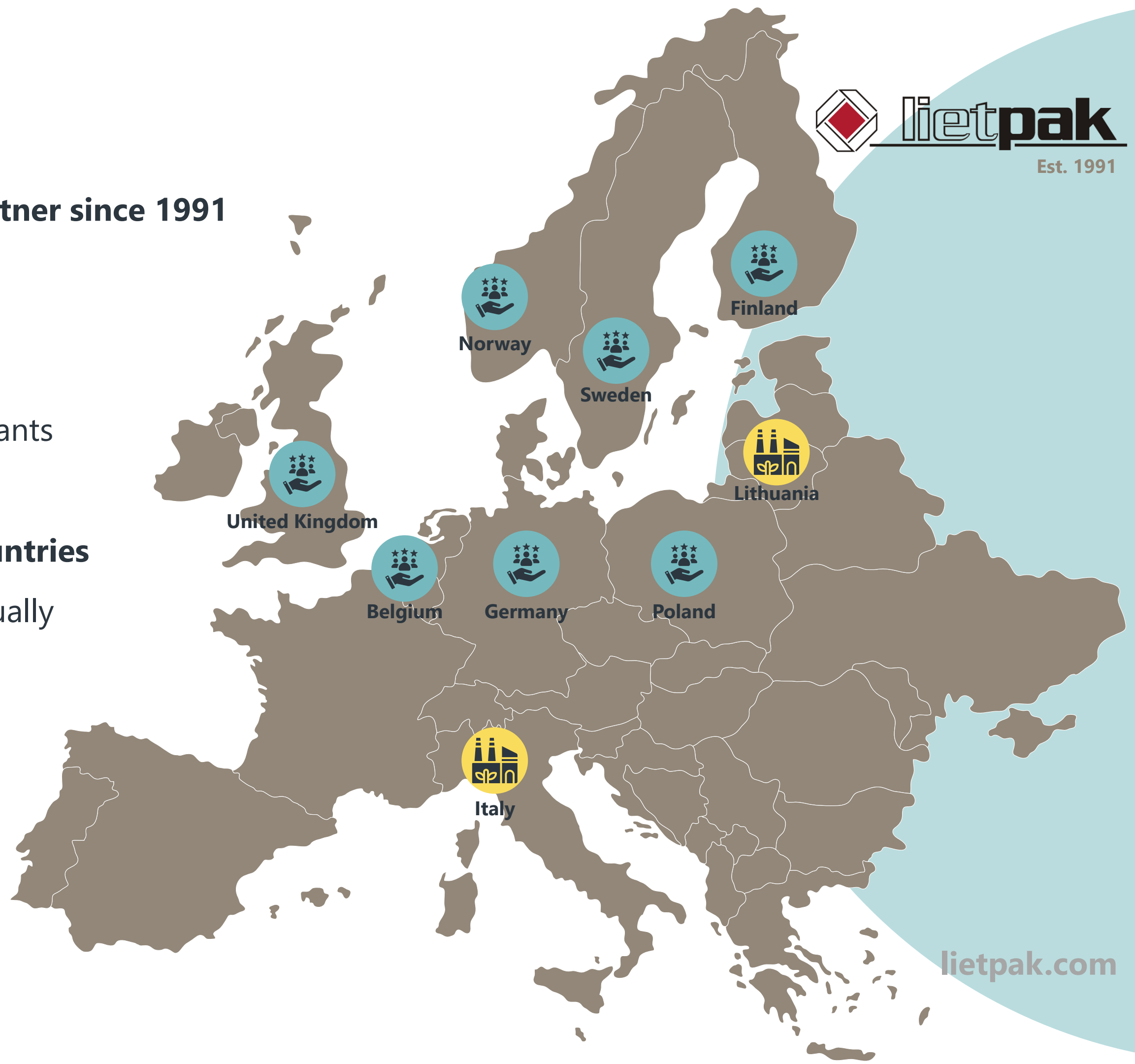
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# lietpak highlights

Trustworthy packaging industry partner since 1991



- 33+ years of expertise
- 90 000+ m<sup>2</sup> area of production plants
- 700+ employees
- Network of distributors in 50+ countries
- 75 000+ tones of production annually
- 99%+ quality satisfaction rate



Production plant and  
customer support

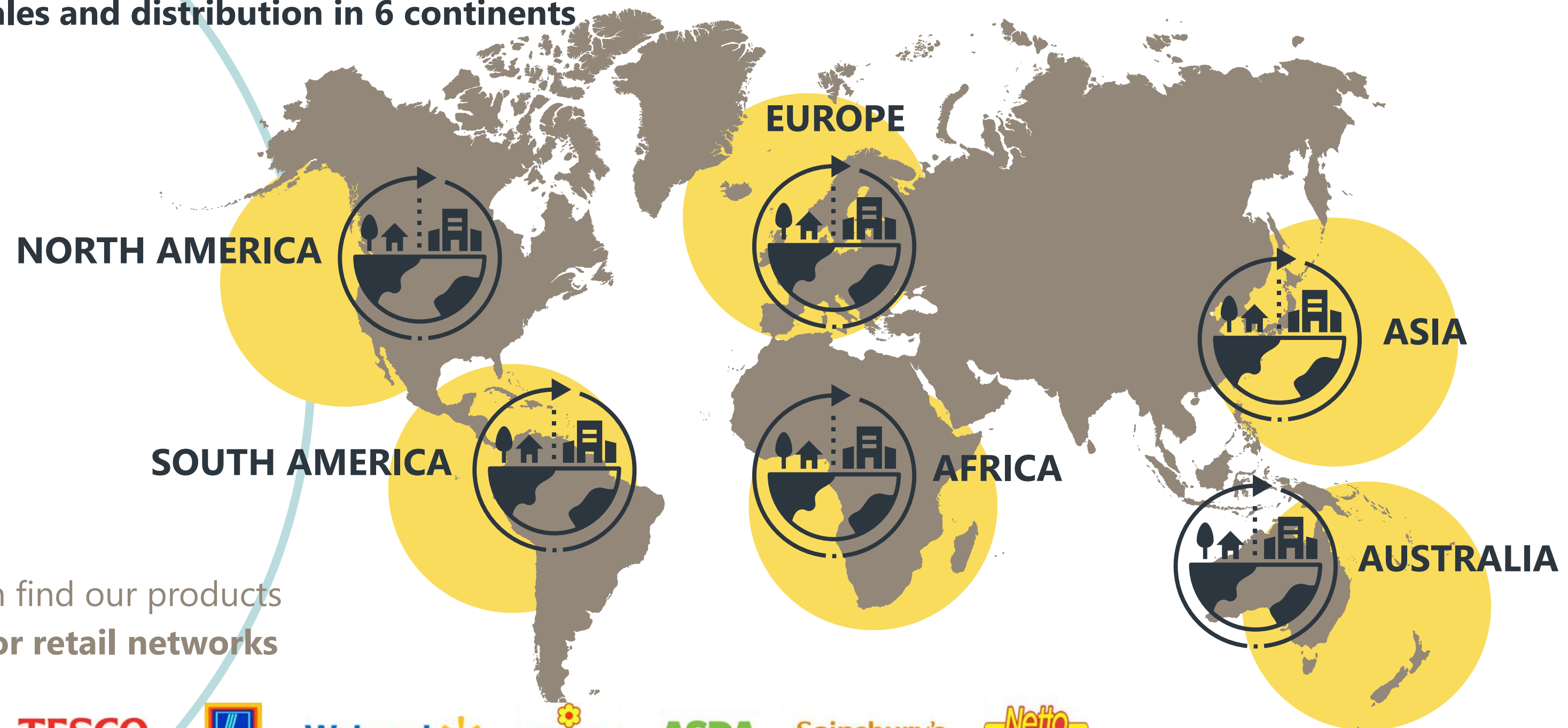


Customer  
support

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# Global presence

With sales and distribution in 6 continents



You can find our products  
in major retail networks



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# Commitment to the environment



- **ISO 9001** quality management system
- **ISO 14001** environment protection management
- **BRC / IOP certification** for manufacturers producing and supplying food packaging
- **Efficient facilities** leveraging renewable energy and power saving technologies
- **Dedicated Research & Development** teams
- Production and development of **sustainable materials – up to 100% recyclable**
- **Certified solutions range** for recyclable products:

**SOLOFILMS** // **RECYCLE  
READY**

Original solutions by **lietpak**







# Case examples

Sustainable projects implemented for our customers



**Comprehensive one-stop-shop solutions** from project estimates and technical evaluation, to final product and delivery

-  Change of non-recyclable APET/PE bottom film to much thinner SOLOFORM PE HB film. As a result, **saving 450 tones of plastic each year**
-  Vegan sausage in SOLOFILM PP HB pack - **reducing costs and increasing recyclability**
-  Material change from OPP/PE to SOLOFILM PE: **reduced thickness and costs, increased puncture resistance**
-  Change from non recyclable PET/PE film to **100 % polyethylene based SOLOTOP PE film**

# Food-grade recycling

Using molecular recycling technologies



**SOLOFILMS** // **RECYCLE READY**

Original solutions by **lietpak**

- Maximum recyclability
- Versatile compositions
- Reduced costs
- Future-proof application

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# On-demand product development

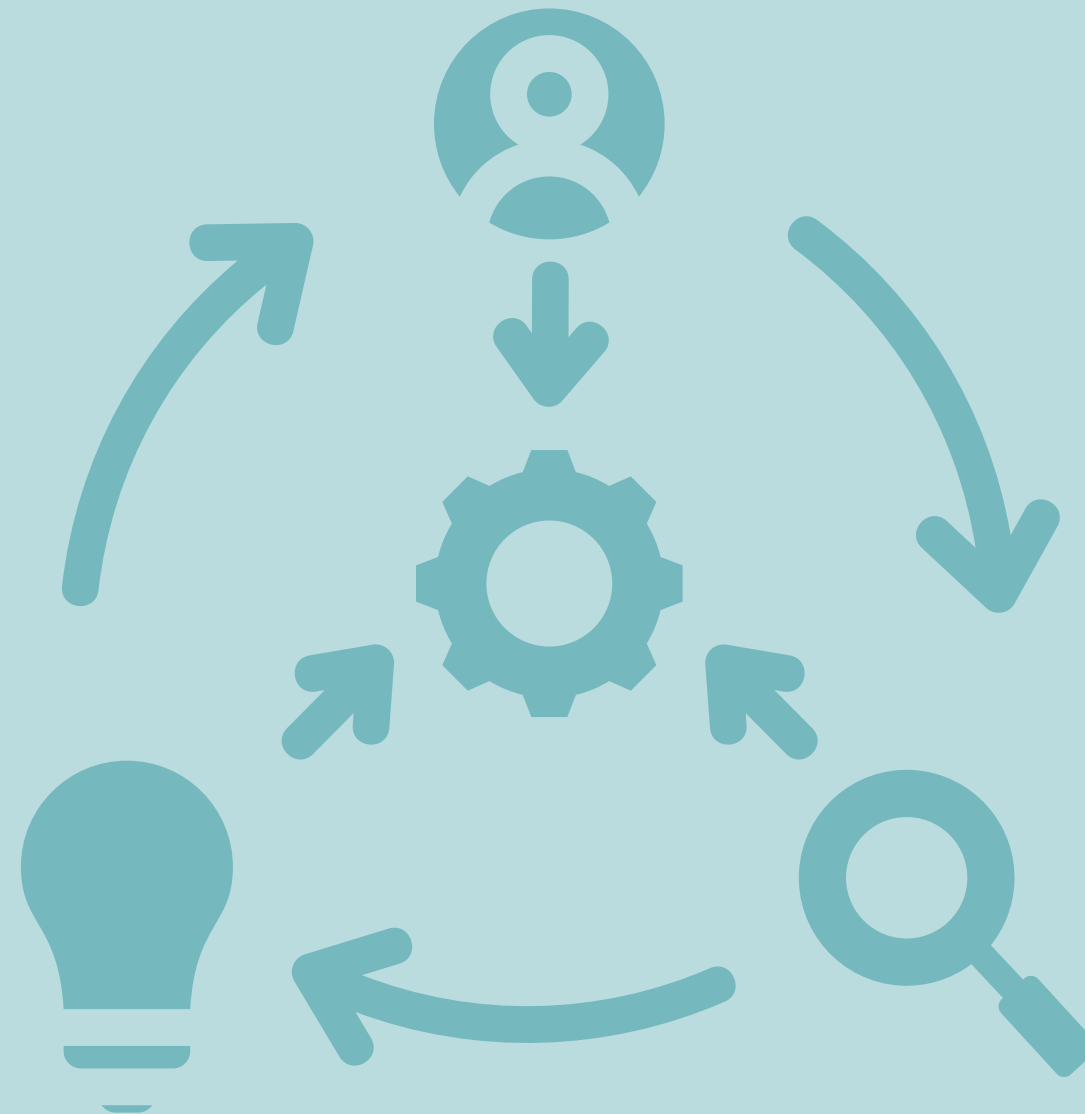
Innovations and solutions tailored to your business needs

Our R&D team at your service for individual orders

- **Estimating**
- **Prototyping**
- **Testing**
- **Optimizing**

Advanced delivery capabilities and capacity

- **Quality assurance**
- **Certifications**
- **Regulatory compliance**
- **Sustainable production**





# Complete in-house production cycle from granules to final product

## Extrusion

- Flexible film extrusion – cast and blown film lines, production of multilayer barrier films
- Rigid film extrusion – extrusion of APET, APET/PE films
- Top quality raw materials

## Lamination

- Wide variety of films with up to 3 layer lamination

## Printing

- Flexo printing up to 10 colors
- Matt or tactile varnish available
- Own repro department
- Inhouse production of printing plates
- Rotogravure printing up to 9 colors

## Bags and pouches

- 3-side seal pouches
- Doypacks
- Wicket bags
- Mailing bags
- Others...





# Extensive range of materials and technologies

We offer **broad range of variations and compositions with custom packaging properties** based on client needs

Plastic type	Properties
Polyethylene Terephthalate (PET)	Strong, lightweight, clear
High-Density Polyethylene (HDPE)	High impact resistance, durable
Low-Density Polyethylene (LDPE)	Flexible, tough
Polypropylene (PP)	High melting point, suitable for hot-filling
Amorphous Polyethylene Terephthalate (APET)	Transparent, rigid, good barrier properties
Ethylene Vinyl Alcohol (EVOH)	Oxygen barrier, maintains freshness
Polyamide (Nylon)	High strength, good barrier properties
And other composite materials	

# SOLOFILMS // RECYCLE READY

Original solutions by **lietpak**



## SOLO PE films

Polyethylene based  
recycle-ready

Low & high barrier versions  
Available with Antifog and Peel properties  
Printing possible in up to 10 colors

Suitable for:

- TFFS, VFFS & HFFS applications
- Printed and unprinted vacuum pouches
- Pasteurization process



## SOLO PP films

Polypropylene based  
recycle-ready

Low & highbarrier versions  
Available with Antifog and Peel properties  
Printing possible in up to 10 colors

Suitable for:

- TFFS, VFFS & HFFS applications
- Pasteurization and sterilization processes



## SOLO PET films

Polyester based  
recycle-ready

Medium & high barrier versions  
Available with Antifog and Peel properties  
Printing possible in up to 10 colors

Suitable for:

- TFFS and tray sealing applications

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# Skin packaging

## Product Appearance

„Second skin“ effect  
Natural look of the packed product  
Retained colour and flavour  
Optional customised opening  
properties: easy peel to lock-seal  
Possibility of vertical product  
presentation

## Sustainability

Reduced use of packaging  
materials

## Product Protection

Strong hermetic seals prevent  
product contamination  
Outstanding puncture-resistance properties  
Tight vacuum fit prevents juice migration  
and keeps product in place  
Extended shelf life of the packaged goods

## Application

Wide range of thicknesses  
Available versions of top skin film to seal  
to:

- APET/PE peel film
- Mono APET film
- PP film

**Complete packaging system:  
top and base skin web  
from one supplier**

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# Flow-packing film



Depending on composition products may have additional characteristics, including peel, antifog qualities, sterilization options, re-close options.

## Barrier packaging

Composition	Purpose
PET/PE	Bulk products
PET/EVOH-PE	Deep-frozen products
OPA/PE	
PET/MPET/PE	
PET/PE-PA-PE	
and other structures	

## Non-barrier packaging

Composition	Purpose
LDPE	Liquid and bulk products
HDPE	Liquid and frozen
CPP	products
OPP	Bulk products
OPP/OPP	
OPP/CPP	Deep-frozen products
PE/PE	Bulk products
OPP/PE	
and other structures	



# Top / Lidding film



Depending on composition products may have additional characteristics, including peel, antifog qualities, sterilization options, re-close options.

## Barrier packaging

### Composition

### Purpose

PET/PE

Chilled products

PET/EVOH-PE

Frozen products

OPA/PE

PA-PE-PA-PE

Laminates with  
aluminum foil  
and other structures



# Thermoforming film



## Barrier packaging

Composition	Purpose
PA-PE-PA-PE	Chilled products
PA-EVOH-PA-PE	Frozen products
PA-PP-PA-PP	
APET/PE	
APET/EVOH-PE	
APET	Chilled products
and other structures	



Depending on composition products may have additional characteristics, including peel, antifog qualities, sterilization options, re-close options.



# Bags and pouches production



Depending on composition products may have additional characteristics, including Euro-cut, handles, cuts for easy opening, zipper, various bottom gussets, and perforation.

## Barrier packaging

### Composition

### Purpose

**PET/PE**

Bulk products

**PET/EVOH-PE**

Frozen products

**OPA/PE**

Chilled products

**PA-PE-PA-PE**

and other structures

## Non-barrier packaging

### Composition

### Purpose

**LDPE**

Deep-frozen products

Bulk products

**HDPE**

**CPP**

Bulk products

**OPP**

**PE/PE**

Deep-frozen products

and other structures

# lietpak contacts



Reach out for individual packaging  
solutions in your area and worldwide



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