

# FLEXIBLE PACKAGING

15 May 2025

mondi

EcoVantage the NEW

### METCOWE

### Andrew King Group CEO



### Agenda

Introduction

Flexible Packaging

Questions and answers, hosted by

#### Refreshments

Andrew King, Group CEO

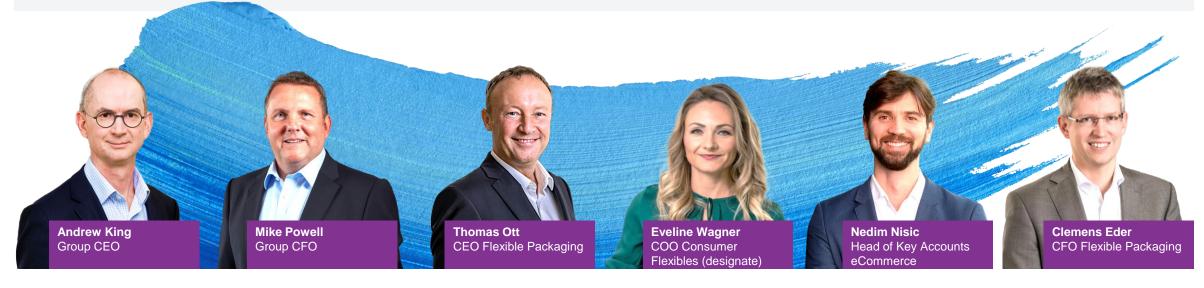
Thomas Ott, CEO Flexible Packaging

Eveline Wagner, COO Consumer Flexibles (designate)

Nedim Nisic, Head of Key Accounts, eCommerce

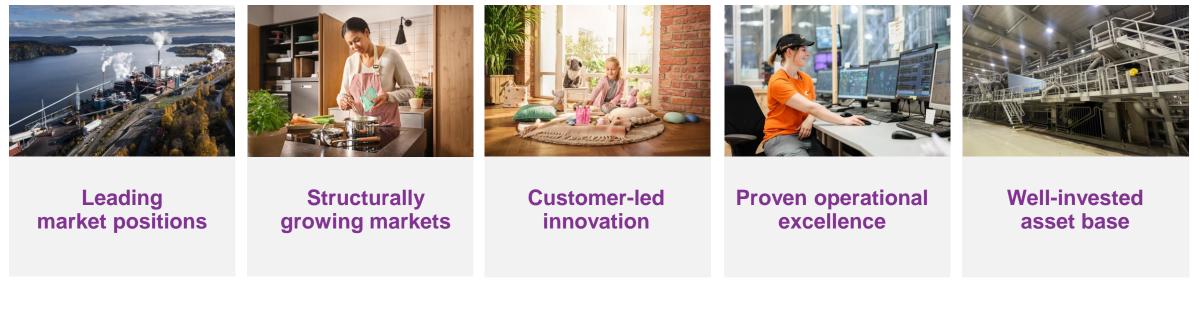
Andrew King, Group CEO

Mondi Team





# Mondi Flexible Packaging - A high-quality, competitively positioned platform for growth



### €3.4 BILLION OF CAPITAL EMPLOYED

...to drive value accretive growth, sustainably



Mondi Group capital employed of €7.1 billion Capital employed figures as at 31 December 2024

### Flexible Packaging is the largest of Mondi's business units...



Underlying EBITDA for the year ended 31 December 2024 Percentage split excludes corporate costs



### ...delivering synergies and driving value across the Group

#### **Operational synergies**



- Economies of scale with 14 mills across the Group<sup>1</sup>
  - Best practice sharing
  - Procurement benefits
  - Supply chain optimisation
  - Talent development
- Optimised production across portfolio
  - Dedicated machines/ mills facilitate centres of excellence

#### **Commercial synergies**



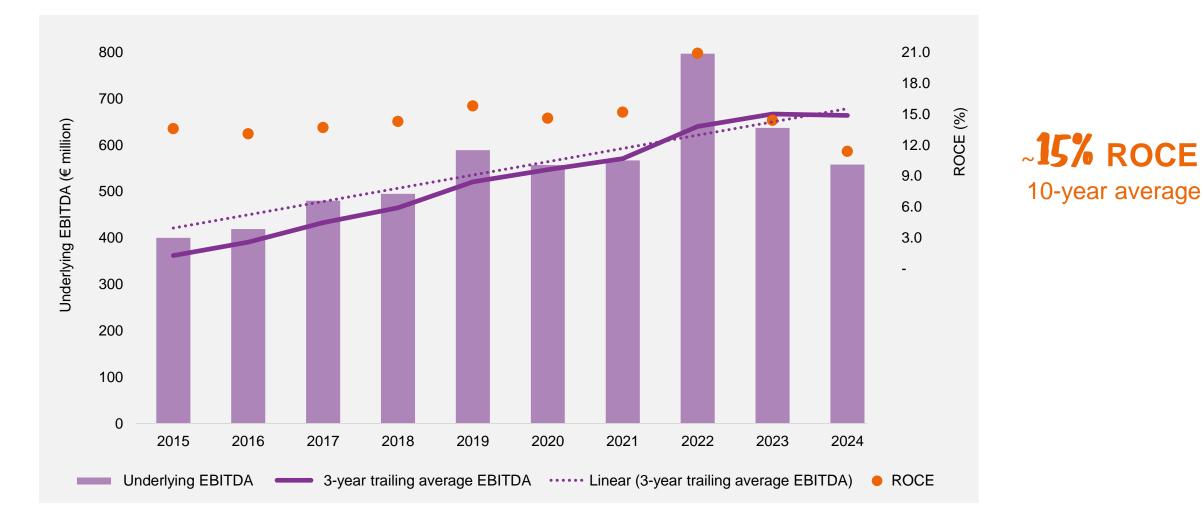


- Leveraging customer relationships
- Innovation and collaboration to deliver sustainable packaging solutions
  - Technological & innovation expertise across substrates/ products
  - Value chain know-how



1 The Ružomberok mill (Slovakia) and Richard's Bay mill (South Africa) are mixed use mills

# A growth business with returns consistently above cost of capital





# FLEXIBLE PACKAGING

### Thomas Ott Flexible Packaging CEO



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USTAINABLE 64 DESIGN

RE/LOOP

Prolitik

RE/CULLE WicketBag FlexiBag Reinforced

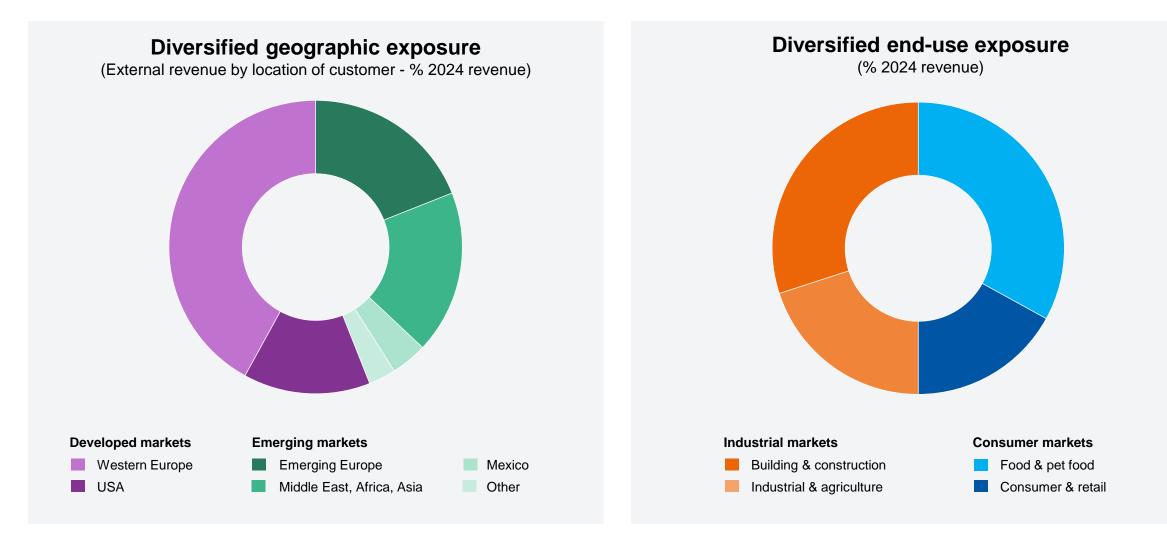
### Our unique flexible packaging business

	Industrial packaging (50% <sup>1</sup> )	Consumer packaging (50% <sup>1</sup> )	
	Advantage Semi Extensible White White Game	NACIFIC 70%	
End-uses	Agricultural products Chemicals Construction and building materials Dried food including seed and milk powder	eCommerce Food Pet food Other FMCG	
Market positions	<ul><li>#1 Global sack kraft paper producer</li><li>#1 Global paper bags producer</li></ul>	<ul><li>#1 European speciality kraft paper producer</li><li>#1 European pet food packaging producer</li></ul>	
Selected customers		amazon 🗰 🖗 Nestle	



1 Industrial and consumer packaging approximate % of 2024 revenue

### A diversified portfolio





### INDUSTRIAL PACKAGING

High-quality, global market leader with competitive advantage



# High-quality, global market leader with competitive advantage

# (% 2024 revenue)

**End-use exposure** 



Consumer markets

- Industrial & agriculture
- Food & pet food Consumer & retail

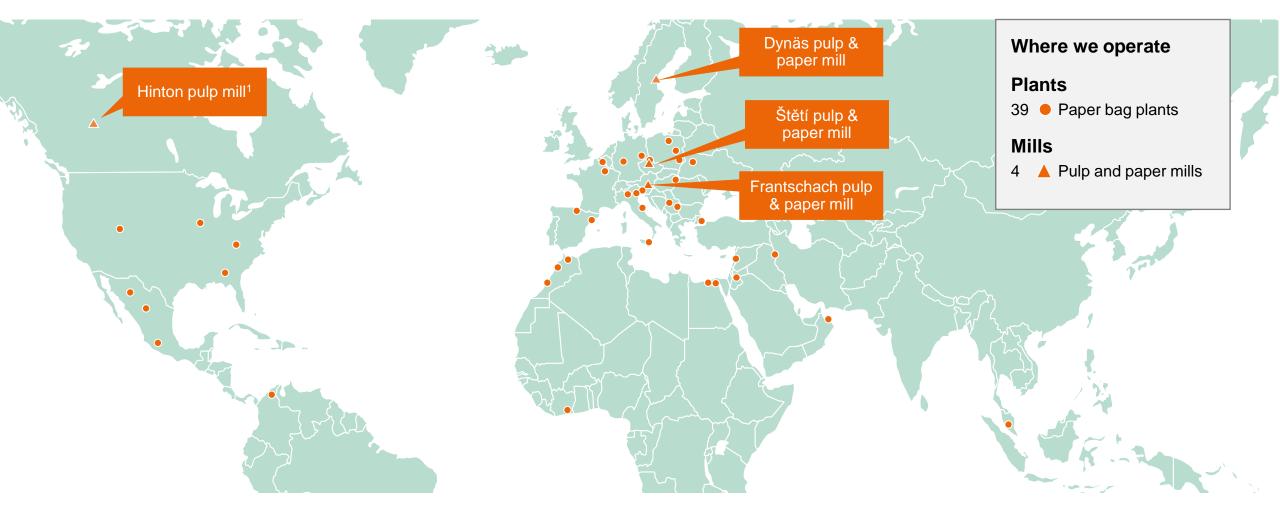
- Leading market positions with unrivalled global scale and high levels of integration
- Structurally growing markets with exposure to faster growing emerging markets
- Superior paper quality and converting capability
- Proven operational excellence with continuous improvement to maintain cost advantage and customer relevance
- Well-invested asset base, strongly positioned to deliver future growth

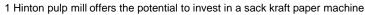


INDUSTRIAL PACKAGING

# Unrivalled global scale with competitively positioned, integrated network

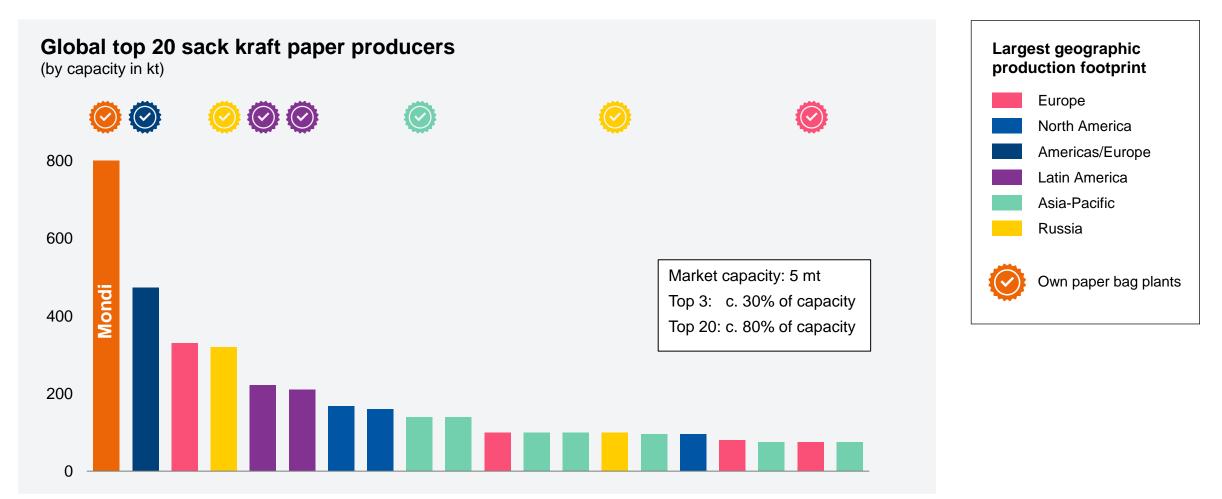
INDUSTRIAL PACKAGING Market leader / Scale







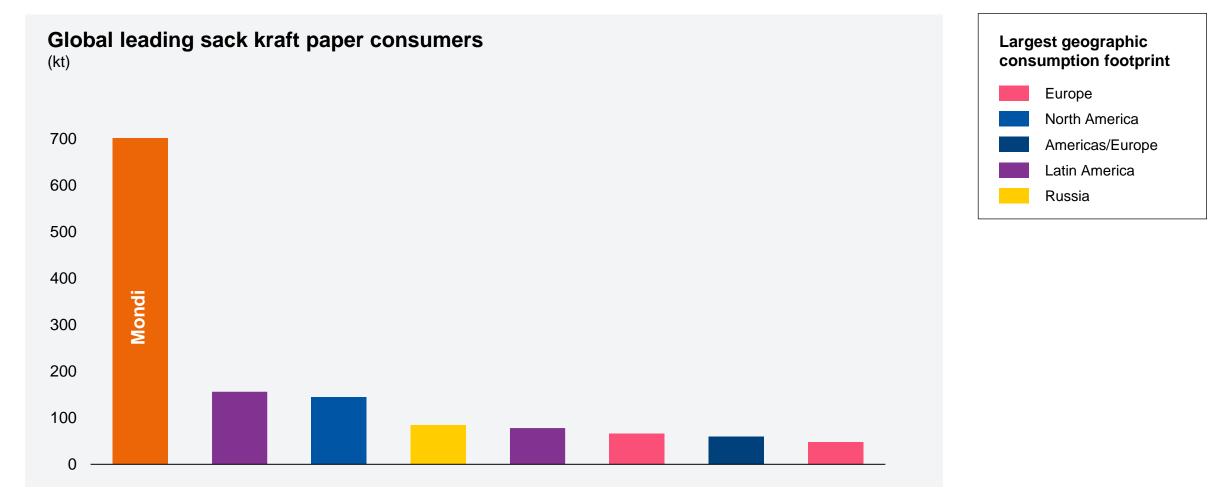
# Global market leader in the production of sack kraft paper





Source: Fastmarkets RISI Mill Asset Database 2025 and management estimates

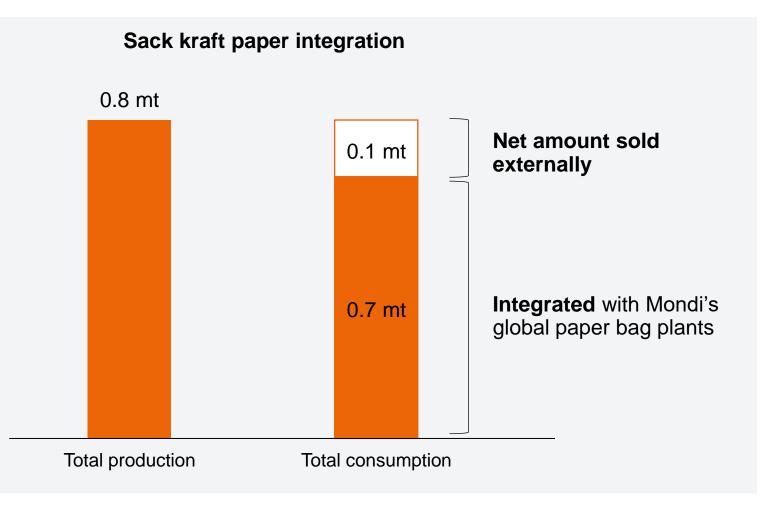
### Global market leader converting sack kraft paper



Source: Management estimates



# High level of integration strengthens competitive advantage



#### Integration benefits

- Security of supply
- Stable outlet for our paper product
- Supply chain optimisation
- Value chain innovation



Production and consumption figures for the year ended 31 December 2024

### Strongly positioned to deliver growth ahead of market

**Developed and Emerging market** growth in the cement industry (mt)



#### **Organic growth opportunities**

- More than half of Mondi's paper bag plants are in faster growing emerging markets mainly serving the cement industry
- Developed markets growth linked to DIY building materials and more resilient fertilizers, animal feeds
- Global network, integration and scale supports winning market share

#### Strategic growth – downstream opportunities

- Outsourcing of packaging operations from global customers
- Bolt-on M&A or brown/greenfield development



Source: The Global Cement Report, Tradeship Publications Ltd (UK), www.CemNet.com (2023) China excluded. Developed Markets comprises Western Europe + North America.

### Superior paper quality, strong industrial packaging

Unique paper characteristics

- Strength
- Stretchability
- Porosity

#### Requiring

- Slow growing northern softwood
- Additional production steps e.g. extensible unit
- Deep technical know-how

High-speed, high-pressure filling



Safe transportation to point of sale





APPROX 6BN BAGS PRODUCED ANNUALLY

INDUSTRIAL PACKAGING

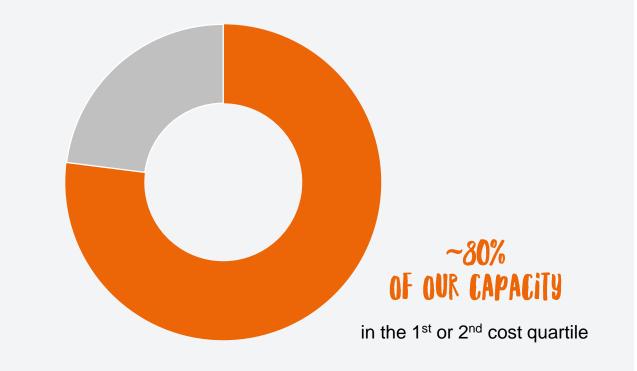
Quality



18

### Cost advantaged asset base

Mondi's sack kraft paper capacity by quartile of relevant industry cost curve

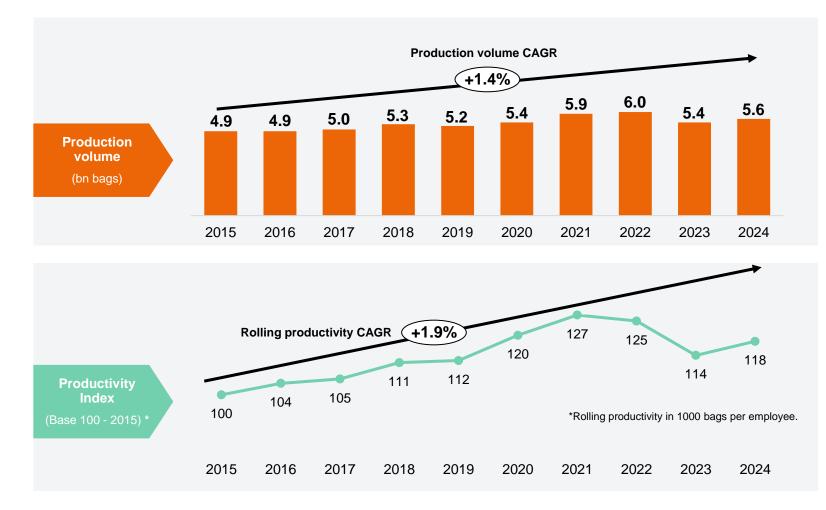


- Culture of continuous improvement delivering operational excellence
- Access to cost competitive input materials through long-term partnerships and proximity to forests/sawmills
- More than 80% of electricity selfsufficiency from biomass (by-product of pulp process)



Excludes Stambolijski which closed in 2024 Source: Fastmarkets RISI

# Continuous improvement to maintain cost advantage and customer relevance



- Continuous improvement of our footprint
- Closed 10 plants in developed markets and acquired / built six plants in emerging markets in last 10 years
- Bigger and more efficient plants coupled with ongoing operational excellence initiatives led to average productivity improvement of 1.9% p.a. since 2015
- Volume reduction in 2023/24 due to global economic slowdown affecting productivity in the short term



# Recent expansionary capital expenditure ensures capacity to support future growth

INDUSTRIAL PACKAGING Well-invested assets

- Štětí investment 110kt of additional sack kraft paper to meet the demand for paper bags
- Hinton pulp mill acquisition provides low-cost wood source and option for new paper machine
- New paper bag plants in Morocco and Colombia



### DELIVERING RETURNS FROM RECENT INVESTMENTS



### CONSUMER PACKAGING

Creating complex packaging solutions across a range of substrates

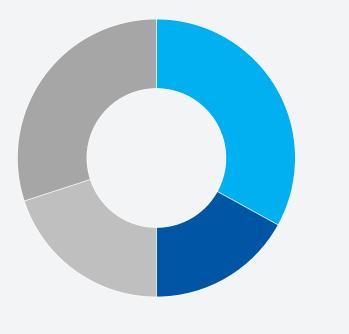


r xiBag inforce

# Competitively positioned to deliver complex packaging solutions across a range of substrates

CONSUMER PACKAGING

#### End-use exposure (% 2024 revenue)



#### Industrial markets

- Building & construction
- Consumer markets

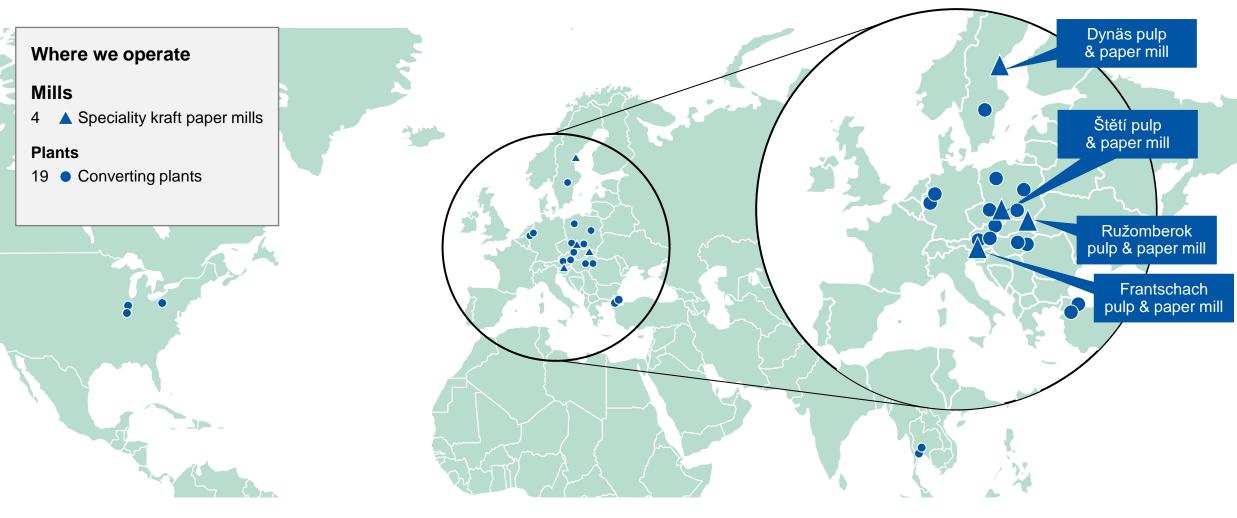
  Food & pet food
  Consumer & retail

- Strategically positioned geographically to serve complex end markets
- **Growth** ahead of GDP due to compelling megatrends
- Recognised market leader in our chosen markets with distinct competitive advantage, including:
  - Speciality kraft paper
  - Selected consumer markets
  - eCommerce packaging
- Well-invested assets strongly positioned to deliver future growth



# Strategically positioned geographically to serve the most complex end markets

CONSUMER PACKAGING Strategically positioned





### Consumer packaging market growth ahead of GDP

CONSUMER PACKAGING Growth

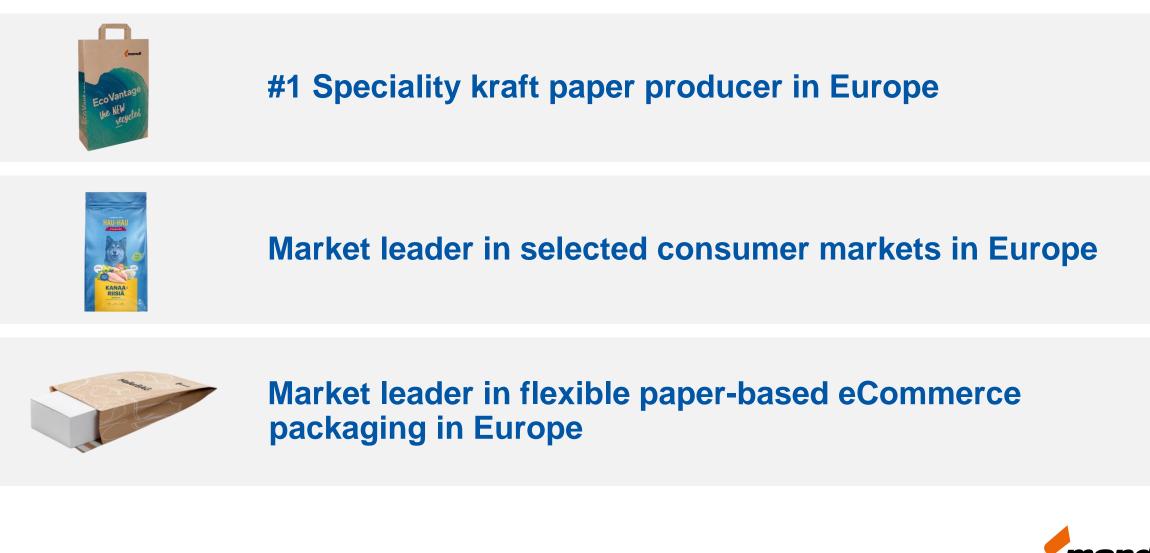
- Convenience
- Light weighting
- Consumer preference
- Sustainability
- eCommerce

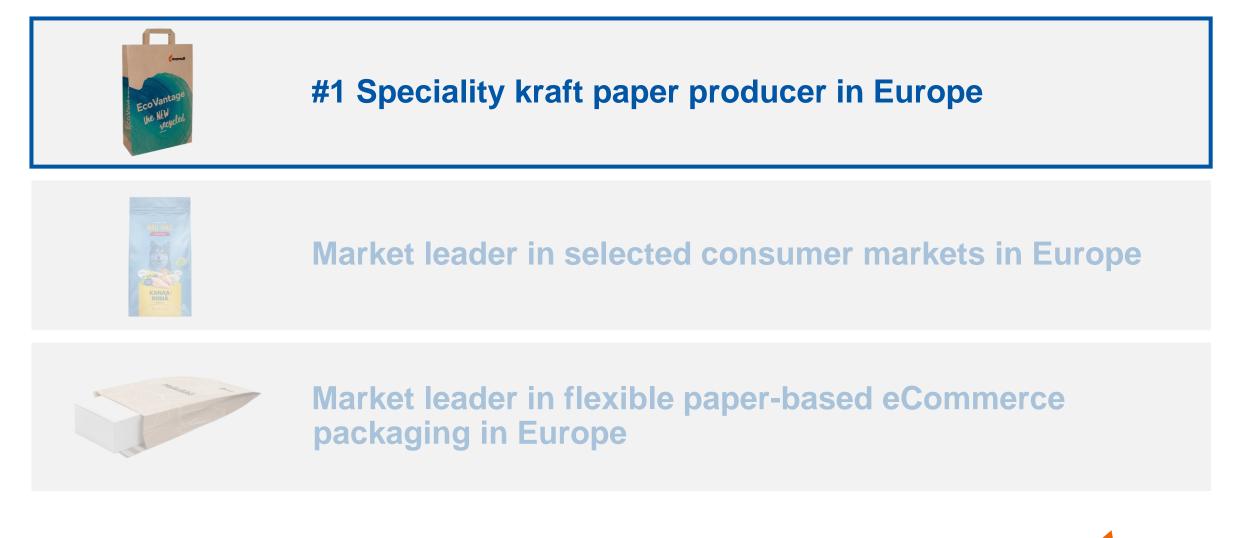




### Recognised market leader in our chosen markets

CONSUMER PACKAGING Market leader







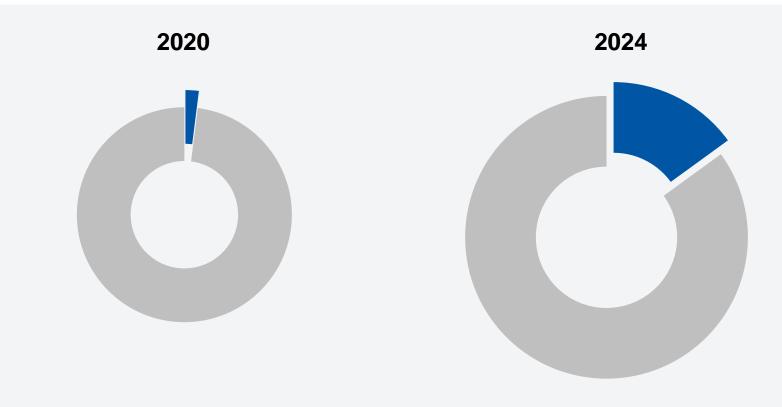
# Largest speciality kraft paper producer in Europe, with broadest paper range

Mondi is European market leader Speciality kraft paper 540kt is supporting the growth in new paper-based packaging applications Market capacity: 4 mt Top 4: c. 40% of capacity Top 20: c. 70% of capacity 0 50 100 150 200 250 300 350 400 450 500 550 thousand tonnes capacity New capacity from Štětí

As at 31 December 2024 Source: Fastmarkets RISI and Mondi estimates



### Megatrend driving growth: Paperisation is gaining momentum



Paperisation is being driven by consumer demand, brand image, and regulation

CONSUMER PACKAGING

Market leader

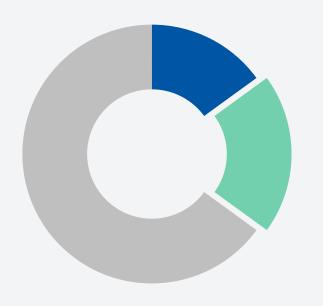
Proportion of Mondi's speciality kraft paper used in new products and applications



### Megatrend driving growth: Capitalising on rising paper demand



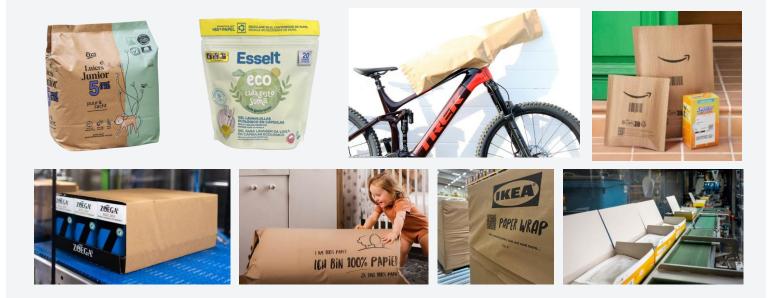
Forward looking illustration



Proportion of Mondi's speciality kraft paper used in new products and applications during 2024

Project pipeline to further capitalise on paperisation (illustrative)

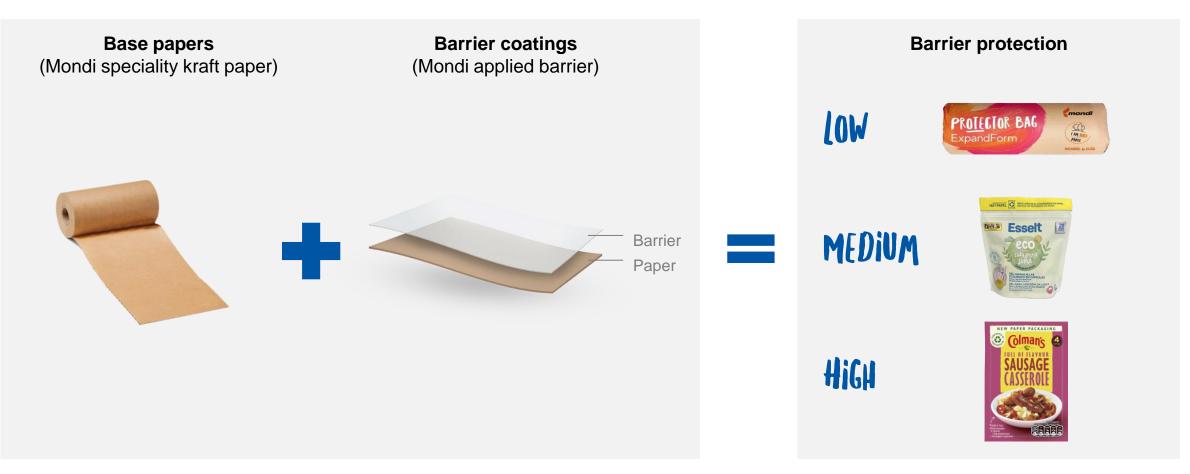
New packaging applications leveraging our strong, stretchable and recyclable paper grades





# Leveraging paper expertise and barrier coating technology

Packaging produced using paper with barrier technology is recyclable

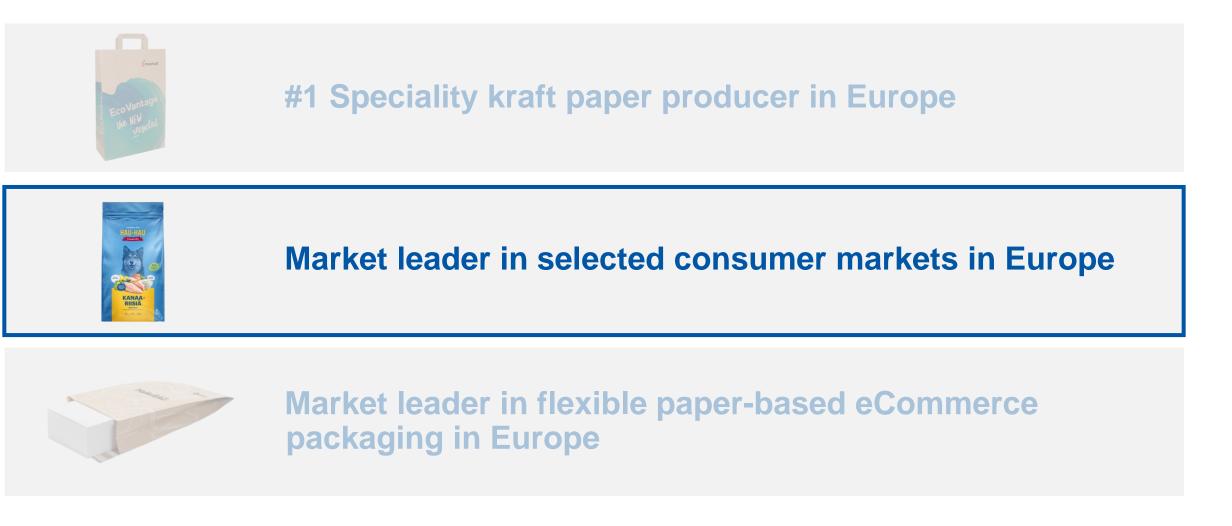




CONSUMER PACKAGING

Market leader

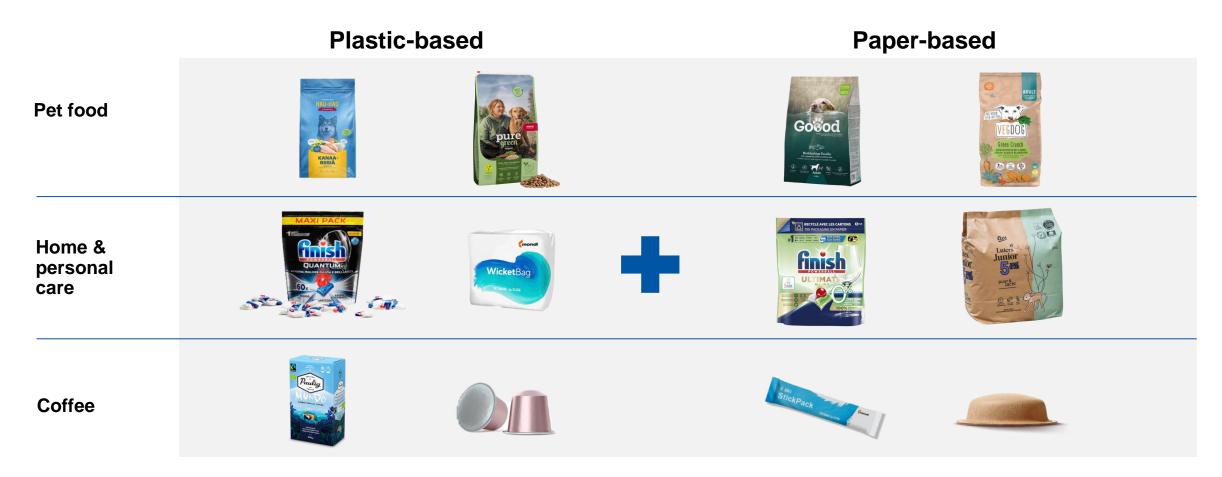
### Recognised market leader in our chosen markets





# Material agnostic packaging solutions for a wide variety of consumer goods

Mondi is the only fully integrated converter with plastic and paper-based solutions



Not an exhaustive list



CONSUMER PACKAGING Market leader

# Pet food: Europe's largest wet and dry pet food packaging producer

#### Wet food High barrier

- Recyclable mono-material plastic solution
- Ultra high barrier



#### Dry food Plastic mono-solution

- Recyclable
- Convenience features





Paper with barrier 95/5

Recyclable

Dry food

Paper

### OUR PET FOOD PACKAGING SPANS PAPER, PLASTIC AND HYBRID SOLUTIONS



CONSUMER PACKAGING

Market leader

# Home and personal care: Europe's leading added-value flexibles producer

#### **Stand-up Pouches**

- Mono-plastic or paper-based (95/5)
- Moisture and water vapour barrier



#### **EcoWicket Bags**

• FunctionalBarrier Paper 95/5

#### SpoutedPouch

- Plastic-based mono-material
- Customisable shapes







### **Coffee: Leading player in complex market**

#### Ground coffee

- Polymer-based mono-material films
- High barrier laminates
- Vacuum packed

#### Single serve coffee

- Polymer-based mono-material films, available with post-consumer recycled content
- FunctionalBarrier Paper





### OUR COFFEE PACKAGING REFLECTS OUR TECHNICAL EXPERTISE



### Recognised market leader in our chosen markets



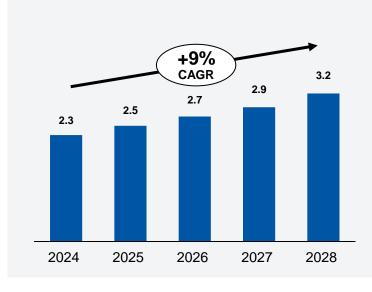


### Megatrend driving growth: eCommerce offers significant growth potential

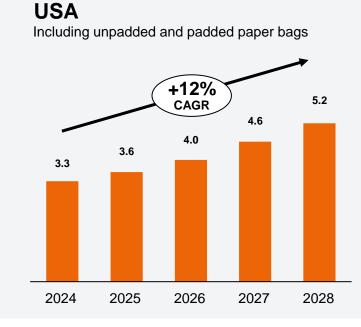
Europe

- eCommerce is experiencing exponential growth measured by market value, retail share, and online shopper penetration
- Packaging demand especially flexible packaging and paper bags - is surging in both Europe and the US

### Development of total paper mailer market in Europe and the United States of America *(billion bags)*



Including unpadded and padded paper bags



Source: GVM – Gesellschaft für Verpackungsmarktforschung, 2023 and AFRY 2025



## eCommerce packaging key drivers and influential role of consumers

#### Key drivers

- Shift from plastic to paper
- Broader material lightening
- Shift from manual to automated packaging

#### Key insights from 6,000 consumers across six markets

#### 95%

of respondents rated product protection as important or very important; sustainability also remains key, rated important or very important by 80%

Protection	
Sustainability	

8 in 10 Consumers demand sustainable or recyclable

packaging

Access the full Mondi eCommerce trend report online: https://www.mondigroup.com/Group-eCommerce-Trend-Report-2025



# Mondi – the one stop shop for all sustainable eCommerce packaging







# Recent expansionary capital expenditure ensures capacity to support future growth



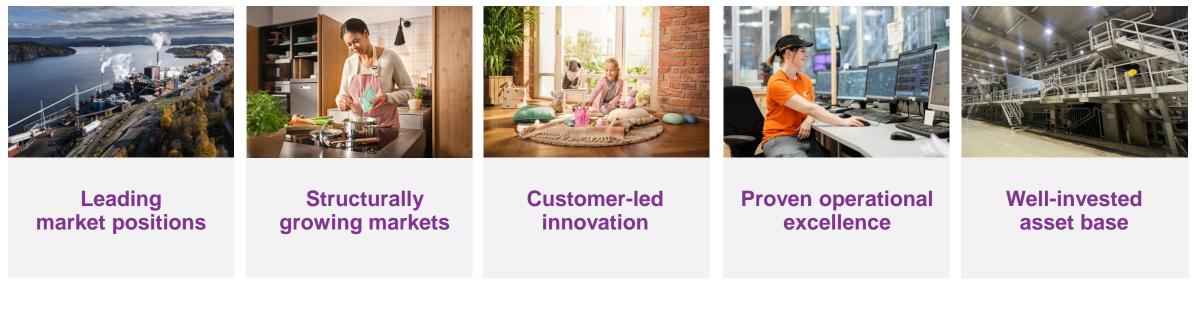
- Štětí investment 100kt of additional speciality kraft paper to meet the demand for new paper applications
- €21 million investment in a new extrusion coating line at Štětí
- €65 million investment in pet food packaging converting machinery
- Scaling up production capacity for eCommerce MailerBags



### DELIVERING RETURNS FROM RECENT INVESTMENTS



# Mondi Flexible Packaging - A high-quality, competitively positioned platform for growth



### €3.4 BILLION OF CAPITAL EMPLOYED

...to drive value accretive growth, sustainably



Mondi Group capital employed of €7.1 billion Capital employed figures as at 31 December 2024





mondi

AD VANIAGE

SUSTAINABLE 64 DESIGN

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Carlina Bar