

Capital Markets Day 2015

Fibre Packaging: Growing by leveraging our strengths Jussi Vanhanen

3 November 2015

Fibre Packaging at a glance



Sustainex



Industrial Bags



Extrusion Coatings

mondi

3





2014 production: 4,446 million units

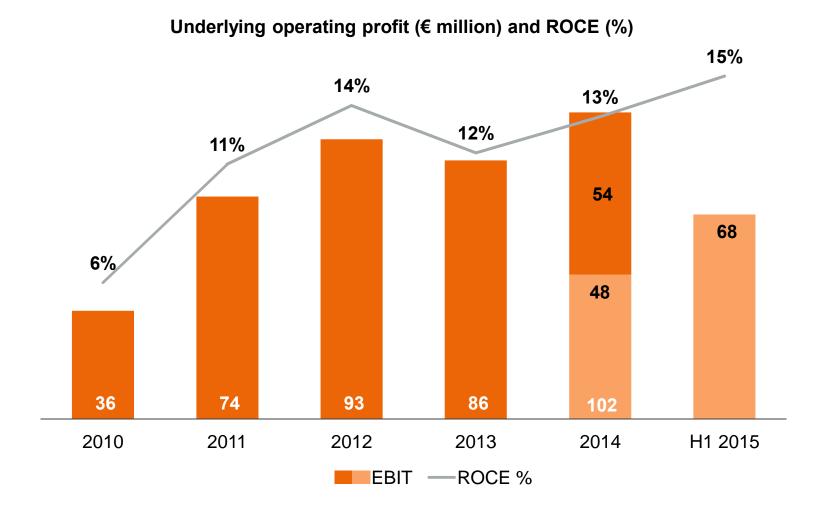
44 plants based in Europe, MENA & North America **2014 production:** 1,343 million m²

14 plants centred in two clusters in central and emerging Europe **2014 production:** 1,401 million m²

5 European plants

Improving financial performance





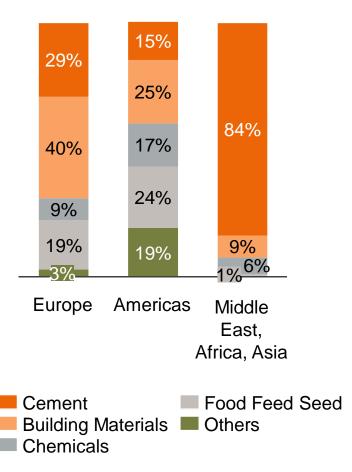
Industrial Bags is a market leader with complete product portfolio



Industrial Bags leading market positions in key world regions



Natural partner for key customers Ability to leverage strong platform and relationship with key customers to grow in emerging regions End-uses differ by market¹



1) Based on 2015 August YTD volumes





Selected innovations



SPLASHBAG

An innovative **rain-repellent** paper bag particularly suitable for cement



HYBRID^{PRO}

All the advantages of a plastic bag Water resistant, shiny surface, yet fillable on conventional paper bag filling systems

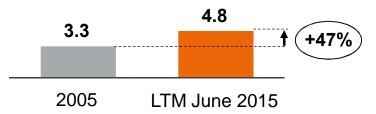
1 Continuous ability to optimise manufacturing locations and logistics



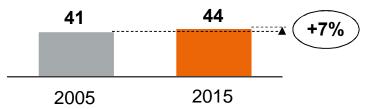


Network changes in past 10 years

Volume in billion bags:



Number of plants:



Operational know-how transferred across network to optimise performance



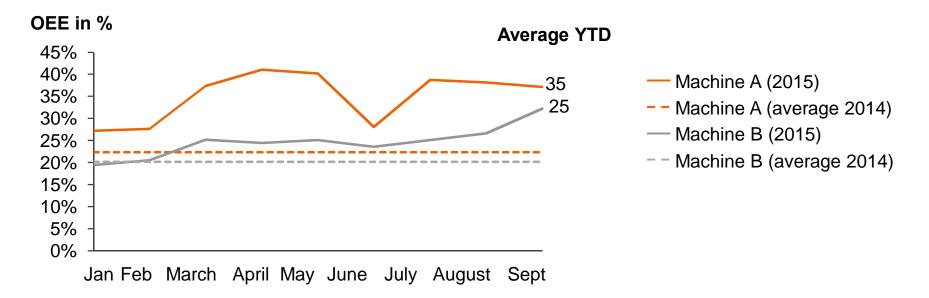
DACO . Automated data collection tool

All plants reporting into a central operations system

Attached to all key production machinery: > 100 machines

Online availability of all operational parameters and immediate access to benchmarks

Areas of improvement easily detected throughout the organisation



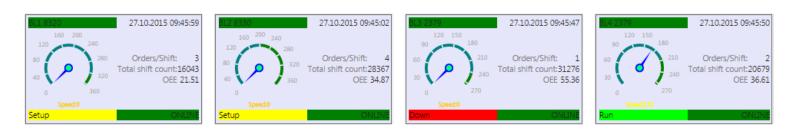
OEE – selected North American plant

1 DACO example – dashboard view



Overview bottomer printer reeler tuber

bottomer



printer



reeler





16:00

17:00

18:00

19:00

20:00 21:00

22:00 23:00

00:00 01:00 02:00

📃 Unattended 📃 System order 📃 Run 📕 Downtime 📃 Setup

Speed

08:00

09:00

10:00

11:00

12:00

13:00

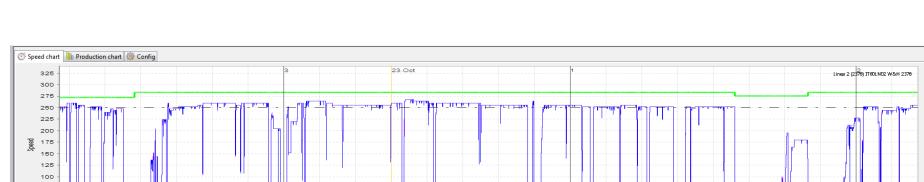


03:00

04:00

05:00 06:00

07:00





14:00

2 Corrugated leading regional player in emerging Europe



Eastern Europe still growing faster than west¹ 4.3% 4.2% 2.2% 2.0% Western Eastern Europe Europe CAGR 2009-2014 CAGR 2015E-2018E

Strong position in chosen markets

• Mondi corrugated packaging plant

1) Source: Freedonia Global Corrugated Forecast 2015 Update, prepared on behalf of ICCA





111.

Decentralised organisational setup, strong local management teams, low central overheads

Local business approach: optimising customer portfolio to fit each plant

Significant investment in the business to strengthen key capabilities:

+/- " 90 million CAPEX in 2014 and 2015

						Kev s	ive of
		End-use focus			Key focus by plant		
		Fresh fruit & vegetables	Other FMCG end-uses	E- commerce	Retail	Consumer durables	Industrial durables
Product / Technology Focus	High-quality printing						
	Customer specific service						
	Heavy-duty board						
	Lightflutes and niche products						
Pro	õ						

2 Market trends and opportunities

E-commerce: One of the fastest growing end-uses

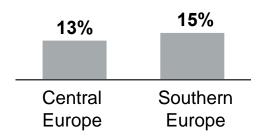
- Global rise in internet usage and increasing popularity of online shopping as underlying drivers
- Some countries (eg. Poland) starting from lower base but outgrowing western Europe
- Mondi partnering with key players in central and emerging Europe

Printing: High-quality printing increasing

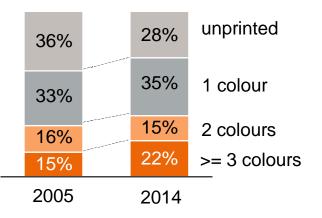
- Packaging increasingly seen as marketing medium
- Digital printing will allow increasingly fast delivery times
- Mondis asset base well positioned to enjoy growth in high quality printing



2014 annual growth rate of e-commerce market¹



Number of colours (example Germany)²



1) Source: Ecommerce Foundation, European B2C Ecommerce Report 2015

2) Source: VDW Germany, based on % units

Innovating with our customers



'Dada' diaper box

The IDEA

Make the corrugated diaper box reusable as a doll house once empty

In the MARKET

Produced for Ontex, a dedicated supplier to the Polish retailer Biedronka. The first design was such a success that Biedronka decided to take the concept further and develop more designs (eg. circus, castle)



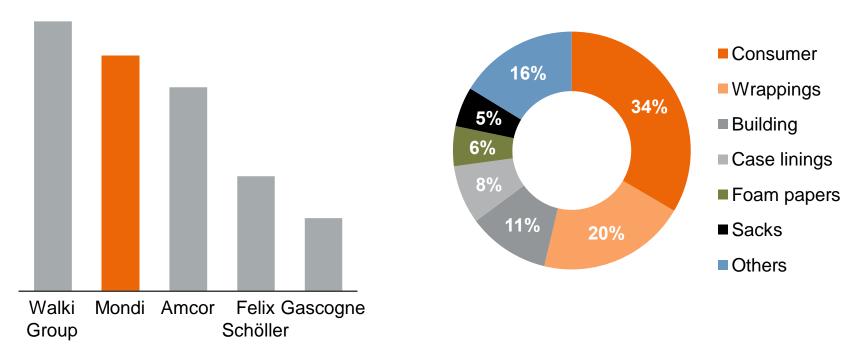




3 Extrusion Coatings – barriers against wind, water, fire and earth



Top 5 players European Extrusion Coatings market¹ **Extrusion Coatings turnover by application**



Overall demand for extrusion coatings in Europe is expected to be flat in the medium term Some end-uses growing (consumer goods, building, foam paper) while others are decreasing (e.g. wrappings)

1) See appendix for sources and definitions

Summary: Growing by leveraging our strengths



Strategic value drivers	We know our strengths: Strong market positions Customer specific service and development
Customer focused innovation	Decentralised management Operational excellence Ability to transfer knowledge across the network Well-invested asset base
Focus on performance	All businesses continue to provide opportunities for growth: Industrial Bags will optimise its production network and leverage its customer base and know-how to grow in emerging regions
Maintain a high-quality, low-cost asset base	Corrugated Packaging will continue to grow in emerging Europe Extrusion Coatings will focus on optimising its production network, lowering its cost base and growing in consumer and technical applications

Fibre Packaging market positions and market outlook sources and definitions



Sources for market position estimates:

Industrial Bags - Based on sales volume. Source: Freedonia World Industrial Bags study update 2013 and management estimates

Extrusion Coatings - Based on sales excluding liquid packaging board. Source: AWA Extrusion Coated Materials European Market Study 2012 and management estimates

Freedonia Global Corrugated Forecast 2015 Update (prepared on behalf of ICCA) region definitions:

Eastern Europe - CIS countries, Croatia, Czech Republic, Slovakia, Hungary, Poland, Romania, Ukraine

Western Europe - Austria, Belgium, Denmark, France, Finland, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Turkey

E-commerce Europe region definitions:

Central Europe - Austria, Germany, Switzerland, Czech Republic, Slovakia, Hungary, Poland

Southern Europe - Portugal, Spain, Italy, Greece, Turkey



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