

## Full year results for the year ended 31 December 2018

28 February 2019





#### Mondi: Forward-looking statements disclaimer

This document includes forward-looking statements. All statements other than statements of historical facts included herein, including, without limitation, those regarding Mondi's financial position, business strategy, market growth and developments, expectations of growth and profitability and plans and objectives of management for future operations, are forward-looking statements. Forward-looking statements are sometimes identified by the use of forward-looking terminology such as "believe", "expects", "may", "will", "could", "should", "shall", "risk", "intends", "estimates", "aims", "plans", "predicts", "continues", "assumes", "positioned" or "anticipates" or the negative thereof, other variations thereon or comparable terminology. Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements expressed or implied by such forward-looking statements. Such forward-looking statements and other statements or achievements contained in this document regarding matters that are not historical facts involve predictions and are based on numerous assumptions regarding Mondi's present and future business strategies and the environment in which Mondi will operate in the future. These forward-looking statements speak only as of the date on which they are made.

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**Financial overview** 

Market and operational review

Key strategic developments

Outlook

**Appendices** 

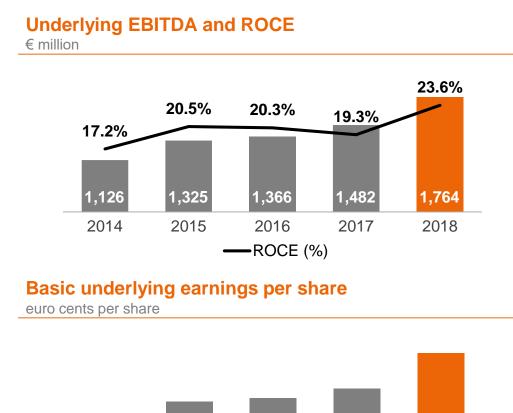
107.3

2014

133.7

2015





137.8

2016

148.9

2017

- Strong financial performance on all key metrics
- Robust operational performance and strong cost control across the Group
- Capital investment projects on track and delivering growth
- Good progress integrating acquisitions, total spend €424 million
- Well positioned with sustainable packaging solutions portfolio
- Announced intention to simplify corporate structure
- Delivering against our 2020 Growing Responsibly commitments

#### Recommended full year ordinary dividend of 76 euro cents per share, up 23%

The Group early adopted the new 'Leases' accounting standard, IFRS 16. All 2017 comparative figures in this presentation have been restated where applicable.

189.1

2018





#### **Financial overview**

Market and operational review

Key strategic developments

Outlook

Appendices

## Key financial highlights



€ million	2018	2017	% change	H2 2018	H2 2017	% change
Group revenue	7,481	7,096	5%	3,754	3,514	7%
Underlying EBITDA	1,764	1,482	19%	912	752	21%
% margin	23.6%	20.9%		24.3%	21.4%	
Underlying operating profit	1,318	1,029	28%	688	526	31%
% margin	17.6%	14.5%		18.3%	15.0%	
Group ROCE	23.6%	19.3%		23.6%	19.3%	

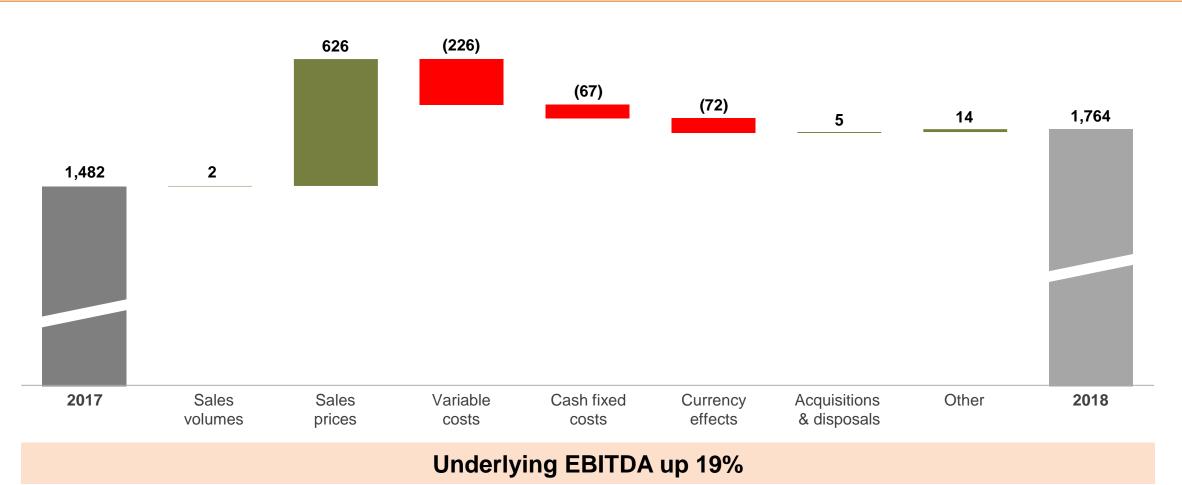
Strong financial performance on all key metrics

## **Underlying EBITDA development**



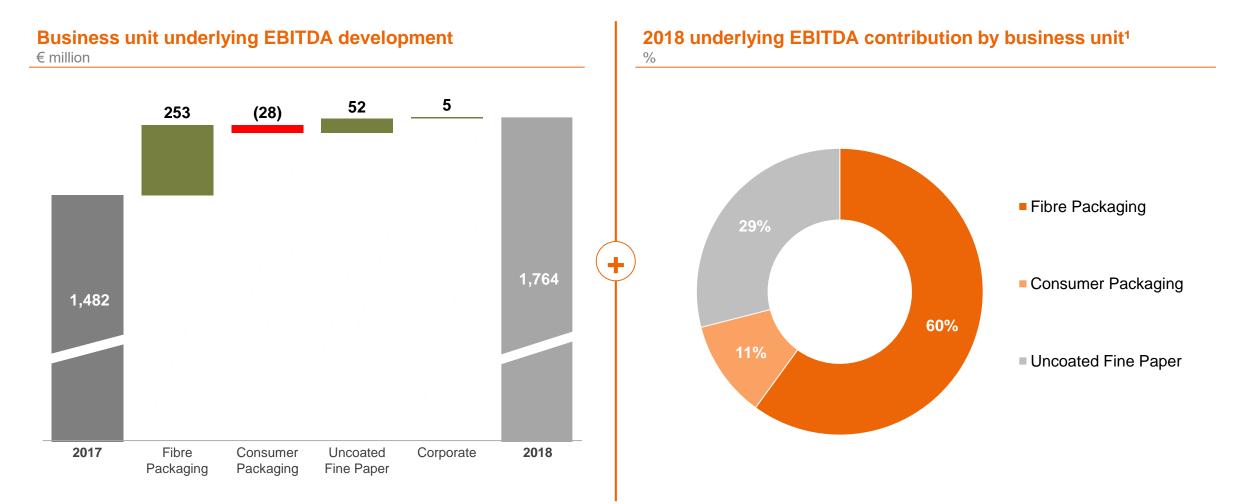
**Underlying EBITDA development** 

€ million



## **Business unit contribution**





#### Strong contributions from Fibre Packaging and Uncoated Fine Paper

#### 8

## **Financial review**



€ million	2018	2017	% change	H2 2018	H2 2017	% change
Underlying EBITDA	1,764	1,482	19%	912	752	21%
Depreciation, amortisation and impairments	(446)	(453)	2%	(224)	(226)	1%
Underlying operating profit	1,318	1,029	28%	688	526	31%
Net finance costs	(88)	(85)	(4%)	(48)	(38)	(26%)
Underlying profit before tax	1,231	945	30%	641	489	31%
Underlying tax charge	(273)	(181)	(51%)	(141)	(94)	(50%)
Non-controlling interests	(42)	(43)	2%	(16)	(18)	11%
Underlying earnings	916	721	27%	484	377	28%
Special items (after tax)	(92)	(53)		(11)	(58)	
Profit after tax and non-controlling interests	824	668	23%	473	319	48%
Basic earnings per share (euro cents)	170.1	137.9	23%	97.6	65.8	48%
Basic underlying earnings per share (euro cents)	189.1	148.9	27%	99.9	77.9	28%

27% growth in basic underlying earnings per share

## Net debt and interest



€ million	2018	2017	
Net debt	2,220	1,532	-
Average net debt	1,979	1,572	-
Net interest expense	83	75	
Effective interest rate	4.2%	4.8%	
Committed facilities	2,487	1,987	-
Of which undrawn	616	791	
Net debt/12-month trailing underlying EBITDA (times)	1.3	1.0	_

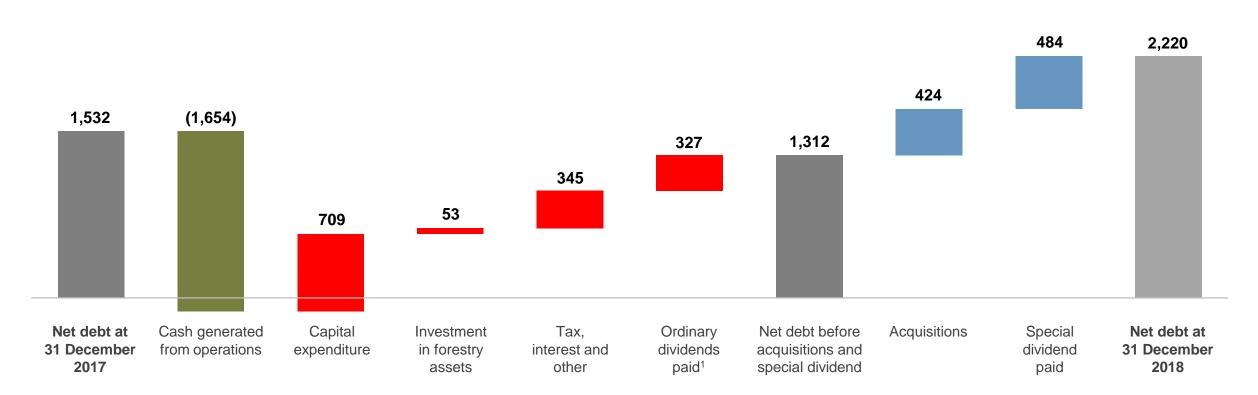
- Net debt down €220 million before the payment of a special dividend (€484 million) and acquisitions (€424 million)
  - Reflects strong cash generating capacity despite ongoing capital investment programme
- Net finance costs higher benefit from a lower effective interest rate offset by higher average net debt
- Issued a 1.625% €600 million Eurobond with an 8-year tenor in April 2018, extending the Group's maturity profile and maintaining our strong liquidity
- Public credit ratings
  - Standard & Poor's upgraded to BBB+ (stable outlook)
  - Moody's Investors Service maintained at Baa1 (stable outlook)

#### Robust financial position provides strategic flexibility

## **Cash flow effects – movement in net debt**



Movement in net debt € million

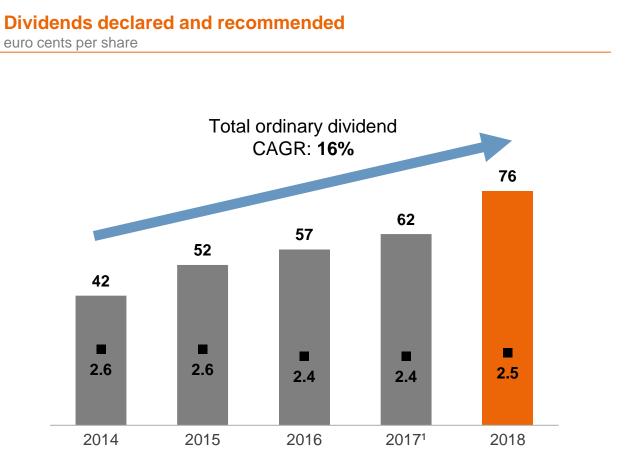


Continued strong cash generation Net debt down €220 million before acquisitions and special dividend

1 Ordinary dividends paid to shareholders and non-controlling interests

## **Continued growth in shareholder returns**





Ordinary dividend cover (times)

- Ordinary dividend policy unchanged: aim to offer shareholders long-term dividend growth within a target cover range of two to three times underlying earnings over the business cycle
- Given the Group's strong financial position, the Boards have recommended an increase in the final ordinary dividend to 54.55 euro cents per share

#### Full year dividend up 23%

## **Technical guidance**



	2019	2018
Capital expenditure range per annum (in average for 2019 and 2020)	€700 – 800 million	€709 million
Depreciation and amortisation	€450 – 480 million	€446 million
Estimated impact of planned mill maintenance shuts	±€150 million	±€110 million
Working capital as a % of turnover	12 – 14%	13%
Effective tax rate	±23%	22%





**Financial overview** 

#### Market and operational review

Key strategic developments

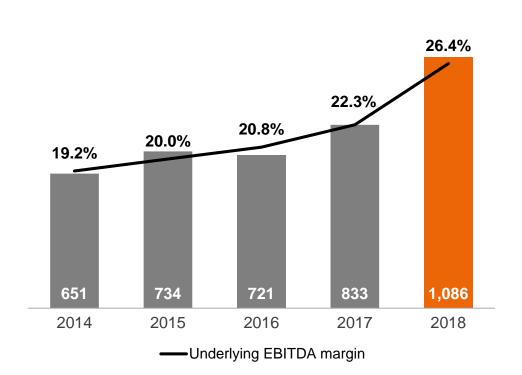
Outlook

Appendices

## **Fibre Packaging**



## Underlying EBITDA and margin € million and %

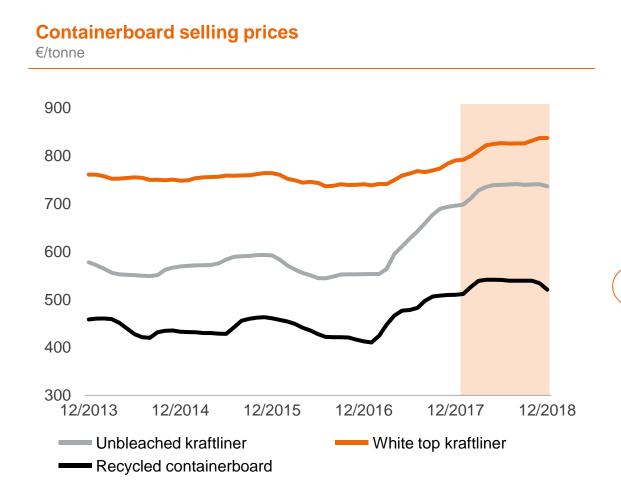


- Underlying EBITDA up 30%
- Driven by:
  - higher average selling prices
  - improved product mix
  - o volume growth
  - contribution from acquisitions
  - cost reduction initiatives
- Partly offset by:
  - higher costs, with the exception of paper for recycling
  - negative currency effects
  - disposal effects
- Ongoing portfolio optimisation
  - Acquisition of Powerflute (285ktpa capacity) and two Egyptian industrial bag plants
  - Closure of 3 industrial bag plants and sale of flat sack kraft paper mill

+

## **Fibre Packaging**





#### Containerboard

- Good demand and limited capacity additions supported a strong pricing environment in 2018
- Higher average selling prices compared to 2017, the magnitude varied by grade
- Price reductions going into the new year

#### **Corrugated Packaging**

- Good volume growth in H2 2018 in key markets following stable volumes in H1 2018
- Successfully implemented price increases
- Continuous improvements to reduce conversion costs and enhance product offering, quality and customer service

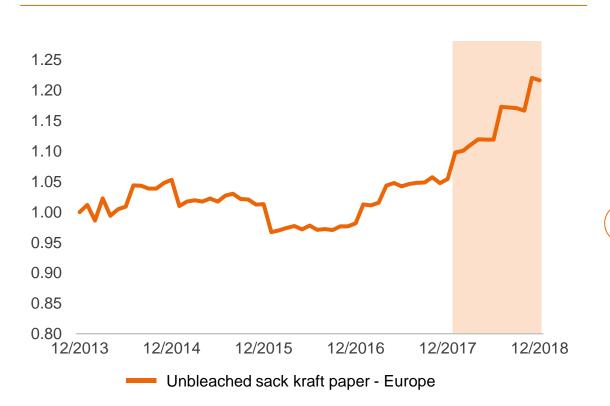
Source: Fastmarkets FOEX

## **Fibre Packaging**



#### Sack kraft paper selling prices

Prices indexed to December 2013



#### Kraft Paper

- Good demand supported by:
  - drive to replace plastic carrier bags
  - good growth in selected emerging markets
- Pricing:
  - up around 10% on average in 2018
  - up 7% to 8% on average in early 2019 compared to average 2018 price levels

#### **Industrial Bags**

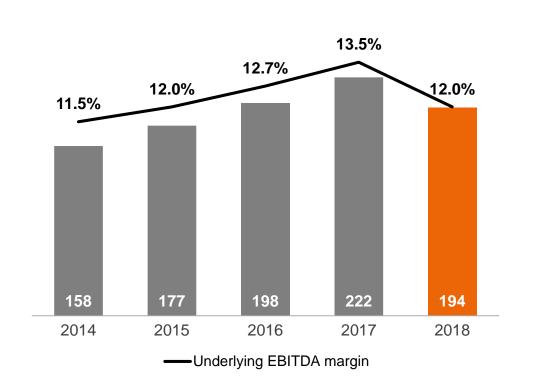
- Sales volumes up 3% on a like-for-like basis
- Significant fixed cost savings from strong cost management and the benefit of rationalisation activities
- 2019 annual contracts mostly finalised price increases largely reflect the full cost impact of recent sack kraft paper price increases

## **Consumer Packaging**



#### **Underlying EBITDA and margin**

€ million and %



#### • Benefiting from:

- good growth in selected value-added segments in consumer goods packaging and technical films
- plant network and fixed cost base restructuring
- continuous improvement initiatives
- Overall performance held back by:
  - declining volumes in personal care components
  - one-off costs
  - rising paper input costs in release liner
  - negative currency effects

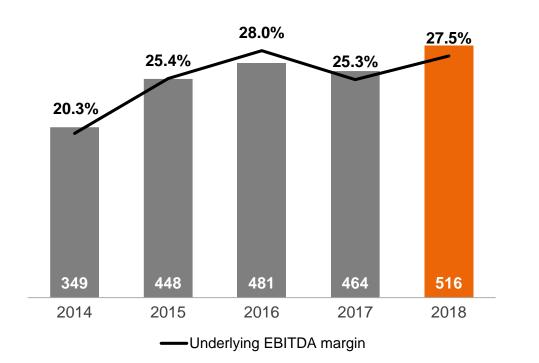
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## **Uncoated Fine Paper**



#### Underlying EBITDA and margin

€ million and %

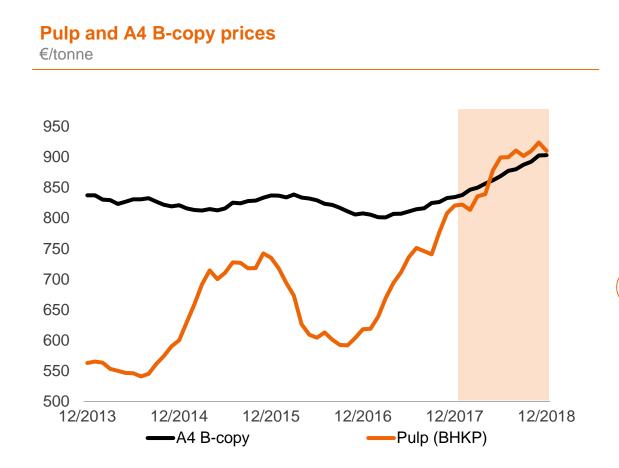


- Underlying EBITDA up 11%
- Higher average selling prices
- More than offsetting:
  - higher costs
  - negative currency effects
- Ceased production at one of our unintegrated uncoated fine paper machines at Merebank (70ktpa capacity)
- Acquired around 11,000 hectares of well-located forest plantations in South Africa

+

## **Uncoated Fine Paper | industry fundamentals**





#### • 2018 demand:

- European demand decline of around 4% on a strong prior year. Average rate of decline over the past two years of 2%
- Russia and South Africa demand flat in line with our long-term estimate
- Uncoated fine paper sales volumes up 1% as we continue to benefit from:
  - emerging market exposure
  - superior cost positioning

Source: Fastmarkets FOEX





**Financial overview** 

Market and operational review

Key strategic developments

Outlook

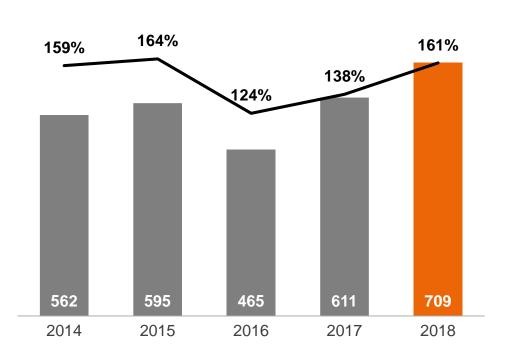
Appendices

## Capital investment projects on track and delivering growth



#### **Capital expenditure**

€ million



 Capex and investment in intangible assets as a % of depreciation, amortisation and impairments

- Strong contribution:
  - €95 million in the past 3 years, including €20 million in 2018
  - €50 million expected in 2019
- Successful start-up of Štětí modernisation in Q4 2018
- Focused capital investment project pipeline securing future growth
- Newly approved €67 million project to deliver further capacity in fast growing paper shopping bag market
  - Conversion of a containerboard machine at Štětí to produce up to 130ktpa of speciality kraft paper
  - Net capacity increase of 45ktpa of packaging paper
  - Start-up expected by the end of 2020
- Key projects expected to increase current saleable pulp and paper production by around 10% when in full operation

## Innovating with customers and well positioned to leverage global industry growth trends







#### Recycled washing powder packaging

- Together with a recycling partner, developed a new plastic solution that replaces up to 80% of the previously virgin PE layer with post-industrial waste
- Achieves a packaging solution containing up to 50% recycled materials





#### Mondi Vino Box® Sprint

- Developed for online wine merchants
   can safely ship up to six wine bottles and is 100% recyclable
- No additional assembly needed saving up to 80% in assembly time compared to standard wine packaging





#### **Benetton shopping bags**

- Mondi's shoppingworld portfolio is built on consumer trend insights, branding expertise and paper grades that combine high functionality with outstanding printability providing luxurious, natural and sustainable shopping bags
- Uniquely positioned to leverage customer relationships and paper, bag and barriers know-how
- One of the first signatories of The New Plastics Economy Global Commitment committing to 100% of plastic-based packaging being reusable, recyclable or compostable, and 25% being from recycled content<sup>1</sup> by 2025

## EcoSolutions: our approach to sustainable packaging solutions

In 2018 our Consumer Packaging and Fibre Packaging business units increased their collaborative efforts to fast-track the development of **EcoSolutions: Paper where possible, plastic when useful** 



replacing plastic packaging with renewable fibre-based paper packaging or bio-based polymers e.g. EcoVantage shopper bags, Advantage MF EcoComp food waste bags, Sustainex<sup>®</sup>, SPLASHBAG





replacing rigid plastic packaging with flexible plastic packaging, typically reducing plastic consumption by 70% e.g. Frosch Pouch

optimising plastic packaging for recycling and increasing recycled content e.g. BarrierPack Recyclable 100% recyclable





## **Delivering value accretive growth**

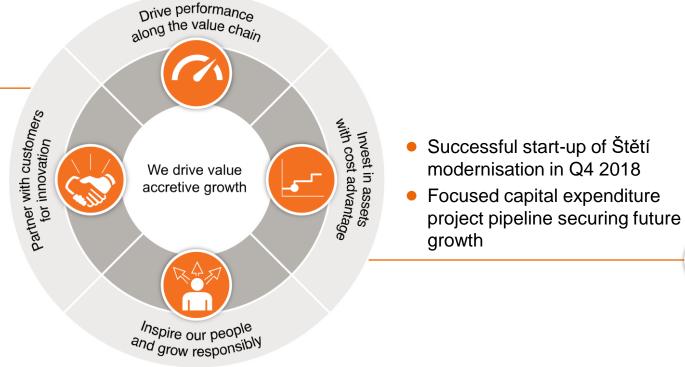




- Robust operational performance
- Further portfolio optimisation
- Proposed simplification of corporate structure



- Acquisitions totalling €424 million broadening product offering and geographic reach
- Focus on innovation and development of sustainable packaging
- Winner of 8 WorldStar awards



- Continued focus on safety
- Diversity and inclusion taskforce set up in 2018
- Delivering against our 2020 Growing Responsibly commitments







**Financial overview** 

Market and operational review

Key strategic developments

Outlook

Appendices

## Outlook



Looking ahead, while there are macro-economic uncertainties, we remain confident in the structural growth drivers in the packaging sectors in which we operate. Pricing is mixed going into 2019, with recent price reductions in containerboard grades and market pulp and stronger pricing in our kraft paper markets. During 2019, we are planning longer maintenance and project related shuts, while looking forward to the incremental contribution from recently completed major capital projects and acquisitions.

Mondi is uniquely positioned to develop sustainable packaging solutions. With our robust business model, strong balance sheet, focus on leveraging key industry trends of sustainability, e-commerce and enhancing brand value, and culture of continuously driving performance, we continue to look to the future with confidence.

# Summary









**Financial overview** 

Market and operational review

Key strategic developments

Outlook

Appendices

## Mondi at a glance





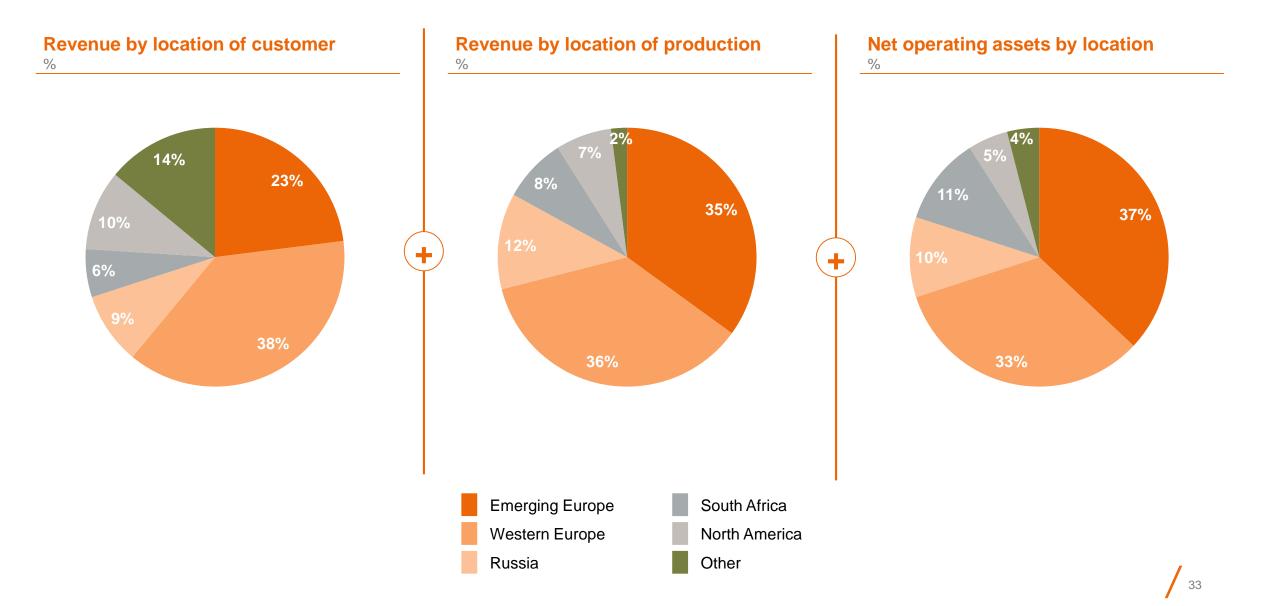
## Leading market positions





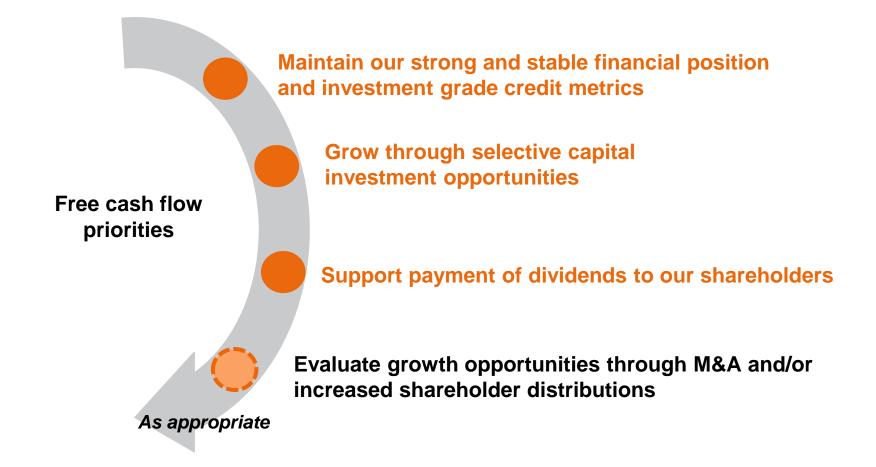
## **Strong global presence**





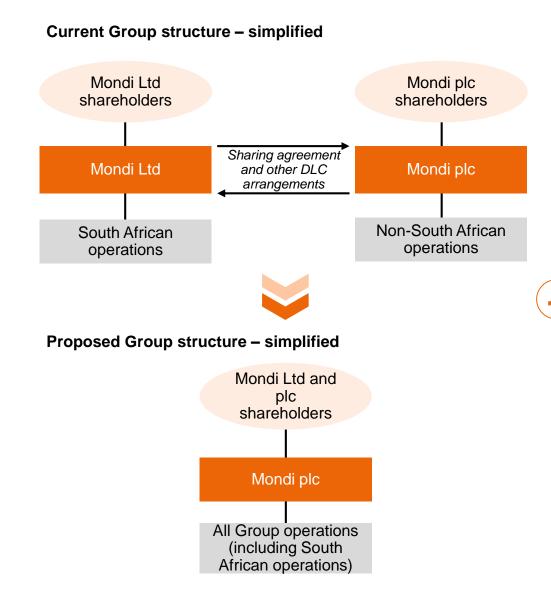
## Our cash flow priorities remain unchanged





## **Proposed simplification of corporate structure**



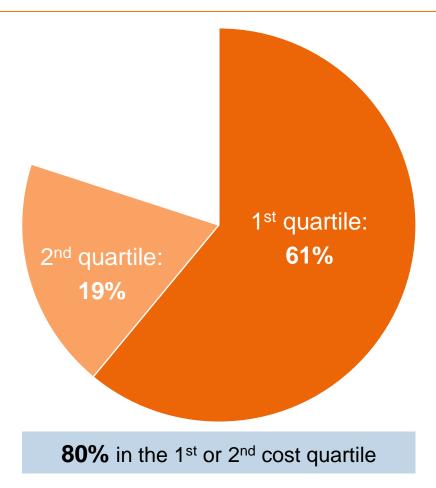


- Proposal to simplify existing structure: from the current dual listed company structure ("DLC") into a single holding company structure under Mondi plc
- Mondi Ltd shareholders to receive one new Mondi plc share in exchange for each Mondi Ltd share held
- Following the simplification, each Mondi plc shareholder will have the same voting and capital interests in the Group as each Mondi Ltd and Mondi plc shareholder currently has
- The proposed simplification will enhance strategic flexibility, increase transparency and remove the complexity associated with the current structure
- It will also simplify cash and dividend flows and facilitate continued investment in the South African operations
- Mondi plc will continue to have a premium listing on the LSE and will have an inward secondary listing on the JSE quoted in rand
- Mondi plc shares will continue to be included in the FTSE100 index with FTSE100 weighting expected to increase; and expected to continue to be eligible for inclusion in key JSE indices
- Subject to certain conditions, including shareholder approval
- Good progress to date: a shareholder circular, scheme document and prospectus expected to be made available to shareholders at the end of the first quarter, in accordance with the AGM timetable
- Implementation currently expected in H2 2019

## Our cost advantaged operations



Mondi capacity by quartile of relevant industry cost curve<sup>1, 2, 3</sup> %



1 Includes unbleached kraftliner, white top kraftliner, nordic and semi-chemical fluting, testliner, recycled fluting, bleached & unbleached sack kraft paper, uncoated fine paper (including value added grades) and BHKP 2 Based on delivered cost to Frankfurt except BHKP (delivered to Rotterdam) and uncoated fine paper – Merebank (delivered to South Africa) 3 European capacity except white top kraftliner, bleached & unbleached sack kraft paper and BHKP (global capacity) and uncoated fine paper – Merebank (South Africa only) Source: Fastmarkets RISI and Mondi estimates, Q3 2018

# **Acquisitions completed during 2018**

### Powerflute

- Acquired for €365 million<sup>1</sup> (completed June 2018)
- Integrated pulp and paper mill in Kuopio (Finland) with an annual production capacity of 285,000 tonnes of high-performance semi-chemical fluting
- Production sold to a diverse range of customers, primarily for packaging fresh fruit and vegetables, but also other end-uses such as electronics, chemicals and pharmaceuticals
- Around half of the company's production is sold in Europe, while the remainder is exported globally

### **Egyptian industrial bag plants**

- Acquired NPP in June 2018, operating one plant near Cairo for €25 million<sup>1</sup>
- Acquired a control position in another plant near Cairo (Suez Bags) in August 2018
- Acquisitions further expands our production network in the fast growing Middle East region

### South African plantations

 Acquired forest plantations in May 2018 for €27 million<sup>1</sup> increasing the level of secure wood supply to our Richards Bay facility







# Strong track record of acquisitions



- Fibre Packaging
- Consumer Packaging

Świecie minorities (Containerboard)

Nordenia (Consumer Packaging)

2 Duropack plants (Corrugated Packaging)

2012

**KSP** (Consumer Packaging)

Ascania (Consumer Packaging)

**2015** 

Excelsior Technologies (Consumer Packaging)

2017

2014

Intercell (Industrial Bags)

**Graphic Packaging plants** (Industrial Bags)

**2016** 

Uralplastic (Consumer Packaging)

Kalenobel (Consumer Packaging)

**SIMET** (Corrugated Packaging)

Lebedyan (Corrugated Packaging) 2018

**Powerflute** (Containerboard)

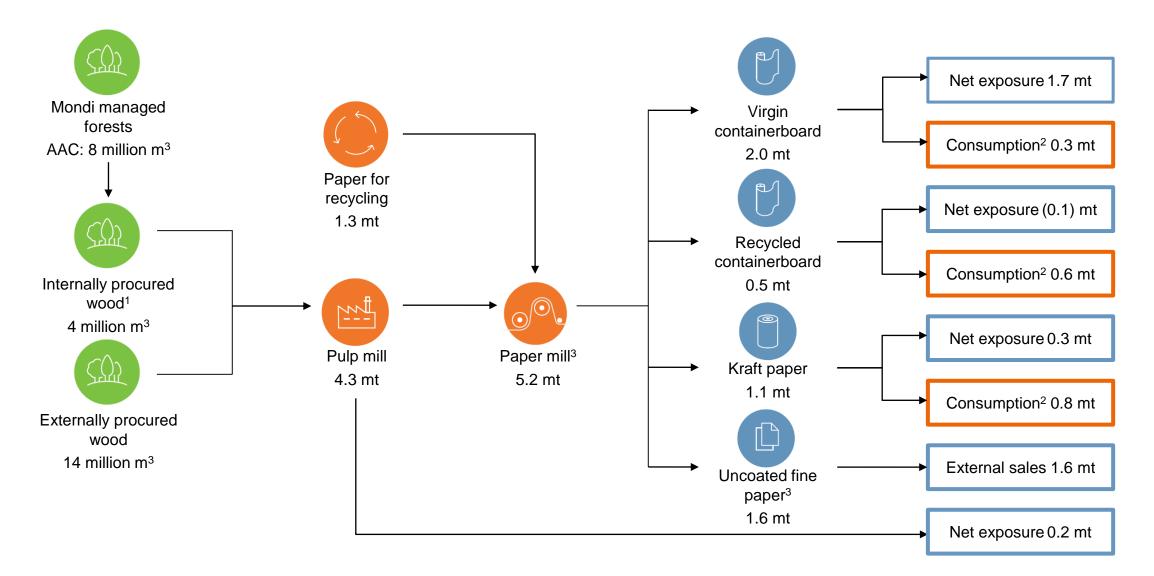
**NPP** (Industrial Bags)

**Suez Bags** (Industrial Bags)

Over €2.0 billion invested in acquisitions since 2012

### Pulp and paper integrated value chain (2018)





1 Due to commercial, logistic and sustainability considerations, the actual wood procured from our managed forests was lower than the annual allowable cut ('AAC')

2 Total consumption (aggregate of internal and externally procured packaging paper)

3 In addition to the 1.6mt of uncoated fine paper, the Group also produced 0.2mt of newsprint

# Our Growing Responsibly model: An integrated approach to sustainable development



### 16 public commitments to be achieved by 2020

#### Solutions that create value for our customers

 Encourage sustainable, responsibly produced products

#### **Relationships with communities**

 Enhance social value to our communities through effective stakeholder engagement and meaningful social investments

#### Supplier conduct and responsible procurement

 Encourage supply chain transparency and promote fair working conditions together with our key suppliers

#### **Biodiversity and ecosystems**

 Promote ecosystem stewardship in the landscapes where we operate through continued multistakeholder collaboration

# Constrained resources and environmental impacts

- By 2020, reduce against 2015:
  - specific contact water consumption (5%)<sup>1</sup>
  - specific waste to landfill (7.5%)
  - specific NOx emissions (7.5%)<sup>1</sup>
  - specific effluent load (COD) (5%)



#### Employee and contractor safety

- Avoid work-related fatalities
- Prevent life-altering injuries
- Reduce TRCR by 5% against 2015

#### A skilled and committed workforce

 Engage with our people to create a better workplace

#### Fairness and diversity in the workplace

 Promote fair working conditions in the workplace

#### Sustainable fibre

- Maintain FSC<sup>™</sup> certification for 100% of our owned and leased forestlands and promote sustainable forest management
- Procure at least 70% of wood from FSC or PEFC<sup>™</sup> certified sources with the balance meeting our company minimum wood standard

#### Climate change<sup>2</sup>

 By 2030, reduce specific CO<sub>2</sub>e emissions by 15% against 2014<sup>1</sup>

1 From our pulp and paper mills

2 In addition, we have committed to reducing production-related, specific Scope 1 and 2 GHG emissions from our pulp and paper mills to 0.25 tonnes CO<sub>2</sub> per tonne of saleable production by 2050 against a 2014 baseline

## 2018 sustainable development highlights



# 11%

Safety

reduction in total recordable case rate since 2015

'Think twice' – Safety campaign brings safety home to our employees

1,315 people

have completed first-line managers safety training since 2015





Training and development





14.5% reduction in total specific CO<sub>2</sub>e emissions in our mills against our

2014 baseline 64%

fuel consumed in our mills from renewable biomassbased sources

100%

WWF

electricity self-sufficiency in our mills



Diversity & Inclusion roadmap launched in 2018

women in our executive committee and its direct reports

25%

women on our Boards



FSC<sup>™</sup> or PEFC<sup>™</sup> certified wood









invested in community initiatives

Socio-economic Assessment

of our mills and forestry

operations assessed to date

Contributing to

a better world

Mondi Leadership Forum,

Toolbox (SEAT) at Frantschach

€7.9m

in 2018

79%

Our vision

Berlin 2018

Not everything goes to plan... but transparency is key

Our performance in some key indicators deteriorated due to unforeseen challenges

As a result, compared to our 2015 baseline:

Specific waste to landfill increased

1.3%

Specific COD emissions increased

6.1%

Specific contact water from our mills decreased

2.0%

41

### Winner of eight 2019 WorldStar awards

#### More than any other company worldwide, consolidating our position as a truly innovative force in the packaging industry



Designed for premium glass brand Riedel, featuring a shock-absorbent structure

Recyclable waste separation system



Corrugated bins that can be disposed of along with the waste



Fully recyclable tray and handle that can carry a 71% higher product load

# Pal-bridge pallet support system



Easy-to-fold system that fills the gaps in the top layer of pallets to support further stacking



Insert which acts as corner support when transporting heavy content

# Yoghurt tray with tear tape



Corrugated tray with a unique integrated tear tape that makes it easy to divide if required





Highly functional, fully recyclable flexible plastic laminate for pre-made pouches

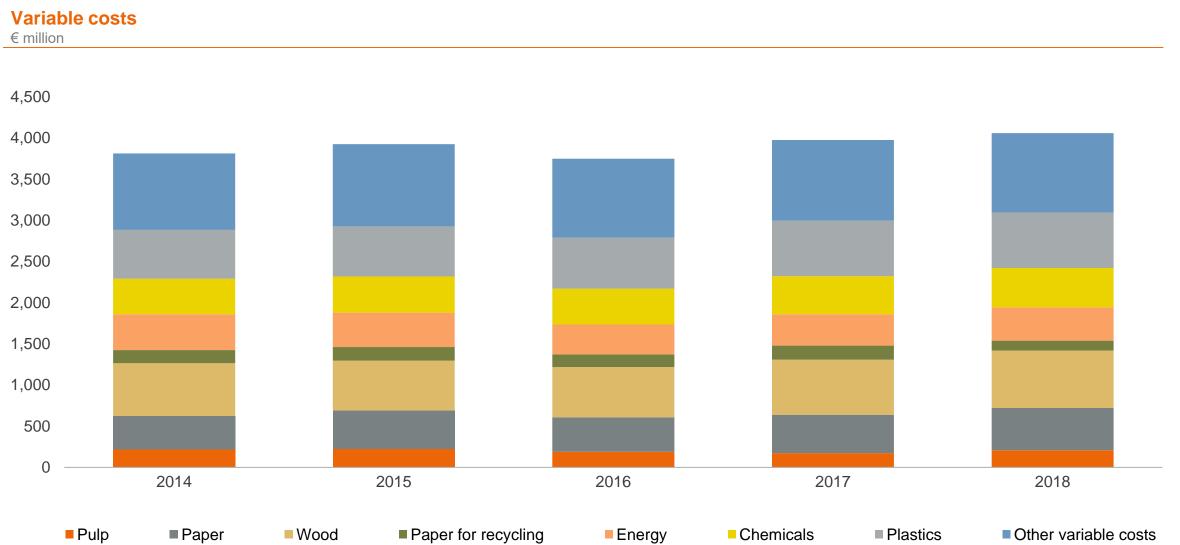




Semi-automatic solution for closing the bottom of boxes, saving time and materials

### Input costs



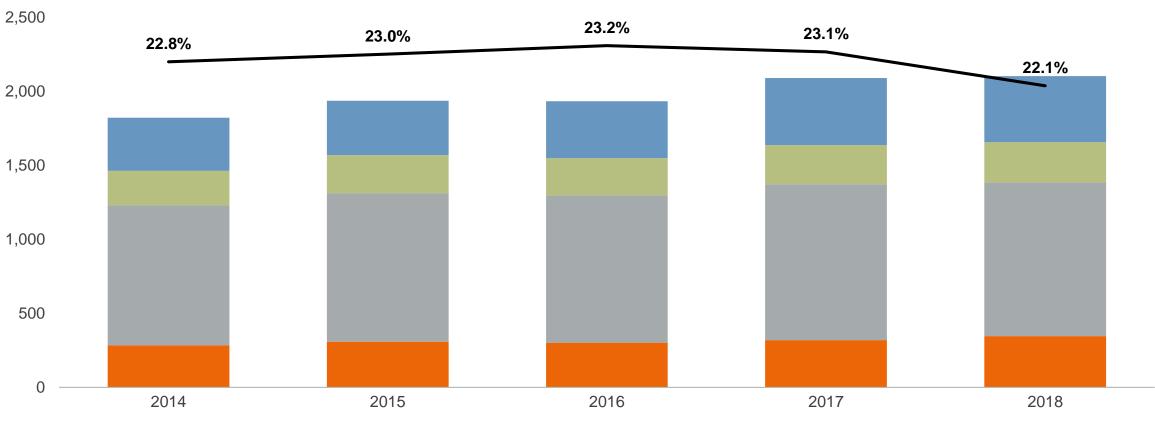


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### **Fixed costs**

#### Fixed costs composition (excluding special items)

€ million



Depreciation, amortisation and impairments

Other net operating expenses

Maintenance and other indirect expenses

Personnel costs

-Fixed costs excluding depreciation, amortisation and impairments as a % of revenue

# Net special item charge in 2018 – €126 million pre-tax



### Fibre Packaging (€73 million)

- Discontinuation of in-line silicone coating production at Štětí. Restructuring costs of €4 million and related impairment of assets of €51 million were recognised.
- Restructuring of industrial bags operations in the US. Restructuring costs of €9 million and related impairment of assets
  of €9 million were recognised.

### **Consumer Packaging (€32 million)**

- Restructuring of operations, primarily in the UK. Restructuring costs of €13 million and impairment of assets of €16 million were recognised.
- Following the discontinuation of in-line silicone coating production at Štětí, restructuring costs of €3 million and related impairment of assets of €2 million were recognised. Reversal of impairment of assets of €2 million was recognised.

### Uncoated Fine Paper (€21 million)

 Closure of an uncoated fine paper machine at Merebank. Restructuring costs of €16 million and related impairment of assets of €5 million were recognised.

# Cash flow (reconciling to movement in net debt)



€ million	2018	2017	% change
Underlying EBITDA	1,764	1,482	19%
Working capital movements	(117)	(122)	
Other operating cash flow items	7	3	
Cash generated from operations	1,654	1,363	21%
Income tax paid	(248)	(151)	(64%)
Dividends received from other investments	1	1	
Net cash generated from operating activities	1,407	1,213	16%
Capital expenditure	(709)	(611)	(16%)
Investment in forestry assets	(53)	(49)	(8%)
Acquisitions <sup>1</sup>	(434)	(48)	
Interest paid	(73)	(97)	25%
Dividends paid to shareholders	(793)	(273)	
Dividends paid to non-controlling interests	(18)	(22)	
Other investing and financing activities	(15)	(50)	
Net (increase)/decrease in net debt	(688)	63	

# Statement of financial position



€ million	December 2018	December 2017
Property, plant and equipment	4,340	4,128
Goodwill	942	698
Working capital	972	899
Other assets	540	530
Other liabilities	(749)	(716)
Net assets excluding net debt	6,045	5,539
Equity	3,485	3,683
Non-controlling interests in equity	340	324
Net debt	2,220	1,532
Capital employed	6,045	5,539

## **Production volumes**



		2018	2017	% change
Fibre Packaging				
Containerboard	'000 tonnes	2,530	2,297	10%
Kraft paper	'000 tonnes	1,118	1,206	(7%)
Softwood pulp	'000 tonnes	1,986	2,010	(1%)
Hardwood pulp	'000 tonnes	714	547	31%
Corrugated board and boxes	million m <sup>2</sup>	1,635	1,650	(1%)
Industrial bags	million units	5,255	4,952	6%
Extrusion coatings	million m <sup>2</sup>	1,230	1,281	(4%)
Consumer Packaging				
Consumer packaging	million m <sup>2</sup>	7,278	7,437	(2%)
Uncoated Fine Paper				
Uncoated fine paper	'000 tonnes	1,649	1,644	-
Softwood pulp	'000 tonnes	386	375	3%
Hardwood pulp	'000 tonnes	1,244	1,345	(8%)
Newsprint	'000 tonnes	207	277	(25%)

## **Exchange rates**



	2018	2017	% change <sup>1</sup>
Closing rates against the euro			
South African rand	16.46	14.81	(11%)
Czech koruna	25.72	25.54	(1%)
Polish zloty	4.30	4.18	(3%)
Pounds sterling	0.89	0.89	_
Russian rouble	79.72	69.39	(15%)
Turkish lira	6.06	4.55	(33%)
US dollar	1.15	1.20	4%
Average rates against the euro			
South African rand	15.62	15.04	(4%)
Czech koruna	25.65	26.33	3%
Polish zloty	4.26	4.26	_
Pounds sterling	0.88	0.88	_
Russian rouble	74.04	65.88	(12%)
Turkish lira	5.71	4.12	(39%)
US dollar	1.18	1.13	(4%)



#### Mondi region definitions

Europe – Europe including Russia and Turkey

Emerging Europe – Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Hungary, Latvia, Lithuania, Macedonia, Malta, Moldova, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia, Turkey, Ukraine

North America – Canada, Mexico, USA

#### Sources for market position estimates

Virgin containerboard (Europe) and Containerboard (emerging Europe) based on capacity (including kraft top liner) – Source: Fastmarkets RISI European Paper Packaging Capacity Report and Mondi estimates

Kraft paper (Global) based on capacity – Source: Fastmarkets RISI European Paper Packaging Capacity Report, Fastmarkets RISI Mill Asset Database, Pöyry Smart Terminal Service and Mondi estimates

Corrugated packaging (emerging Europe) based on production – Source: Henry Poole Consulting and Mondi estimates

Industrial bags (Global) based on sales volume – Source: Eurosac, Freedonia World Industrial Bags 2016 study and Mondi estimates

Consumer flexible packaging (Europe) based on sales – Source: PCI Wood Mackenzie – Flexible Packaging, European Supply/Demand report, 2017

Commercial release liner (Europe) based on sales volumes – Source: AWA European Release Liner Market Study and Mondi estimates

Uncoated fine paper (Europe) based on sales volumes (Ilim JV considered separate from IP) – Source: EURO-GRAPH delivery statistics, EMGE Woodfree Forecast, EMGE World Graphic Papers, Fastmarkets RISI Mill Asset Database, eastconsult and Mondi estimates

Uncoated fine paper (South Africa) based on Mondi estimates



