

## Consolidated performance data

### Financial performance

€ millions unless otherwise stated	2012	2013	2014	2015	2016
Group revenue	5,790	6,476	6,402	6,819	6,662
Underlying operating profit	574	699	767	957	981
Operating profit	483	612	715	900	943
Basic underlying earnings per share (EPS) (euro cents)	69.2	95.0	107.3	133.7	137.8
Basic EPS (euro cents)	50.1	79.8	97.4	124.0	131.8
Capital expenditure cash outflows	(294)	(405)	(562)	(595)	(465)
Net debt	1,875	1,619	1,613	1,498	1,383
ROCE (%)	13.6	15.3	17.2	20.5	20.3

### People and communities

Gender diversity 2016	Male	%	Female	%
Directors	7	78	2	22
Senior managers	280	91	27	9
Employees	20,200	78	5,800	22

### Management by origin 2016

	%
Austria	68
UK	5
South Africa	50
Russian Federation	16
Czech Republic	5
Slovakia	6
Poland	30
France	1
Italy	15
Hungary	1
Turkey	10
Other nationalities	136

	2012	2013	2014	2015	2016
Employee training hours	811,000	854,000	871,000	827,000	790,000

## Consolidated performance data

### Safety

Number of work-related fatalities	2012	2013	2014	2015	2016
Employees	1	0	0	1	0
Contractors	1	4	0	0	0 <sup>1</sup>

TRCR (per 200,000 hours worked)	2012	2013	2014	2015	2016
	0.79	0.78	0.83	0.70	0.66

Community and social investments <sup>2</sup> ('000 €)	2012	2013	2014	2015	2016
Health and wellbeing	219	211	85	172	653
Education	835	574	2,078	1,775	565
Infrastructure and development	13,236	9,213	4,996	5,044	6,425
Enterprise and employment support					254
<b>Total<sup>3</sup></b>	14,290	9,998	7,159	6,991	7,896

### Forests and fibre procurement

Forestry data 2016	Russia	South Africa	Total
Total area of land (ha)	2,035,411	251,435	2,286,846
Proportion of land set aside for conservation (%)	25	27	25
Number of seedlings planted	2,742,950	29,400,000	32,142,950
Wood self-sufficiency potential (%)			48

1 Regrettably in February 2017 we suffered a fatality in our South African forestry operations

2 In 2016, we restructured and revised our investment categories. Our new 'Health and wellbeing' and 'Education' categories correspond to equivalent previous categories and therefore their historic data were not restated. Our new 'Infrastructure and development' combines the previous categories 'Environment', 'Community development', 'Arts, culture and heritage', 'Housing' and 'Other', and will be a wider, more comprehensive category going forward. Our new 'Enterprise and employment support'

category will not include any historic data, but investments in support of employment and enterprise have effectively been part of the scope in past years, even if it is not formally reflected as an individual category

3 Changes in investment levels over the years do not necessarily represent a change in investment strategy. They are sometimes reflective of the commencement or closure of projects. Most initiatives run over several years and require different levels of investment for each development phase

## Consolidated performance data

Fibre use	2012	2013	2014	2015	2016
Wood (internal and external) (million m <sup>3</sup> )	16.2	16.4	16.3	16.4	16.6
Pulp (externally procured) (million tonnes)	0.5	0.4	0.4	0.3	0.4
Paper for recycling (million tonnes)	1.5	1.4	1.5	1.4	1.3

Fibre procured from FSC or PEFC™ certified sources 2016 (%)	FSC	PEFC™	Total
Wood	46	21	67
Pulp (procured externally)	67	14	81

Certified wood procured (%)	2012	2013	2014	2015	2016
FSC	46	47	46	45	46
PEFC™	19	19	20	21	21
<b>Total</b>	65	66	66	66	67

Energy and climate<sup>1</sup>

CO <sub>2</sub> e emissions from our pulp and paper mills (tonnes)	Scope 1	Scope 2	Total CO <sub>2</sub> e
2012	4,261,792	1,162,898	5,424,690
2013	3,914,452	1,129,899	5,044,351
2014	4,308,655	998,807	5,307,462
2015	4,477,666	777,329	5,254,995
<b>2016</b>	4,067,788	671,247	4,739,035

Specific CO <sub>2</sub> e emissions from our pulp and paper mills (tonnes per tonne of saleable production)	Specific scope 1	Specific Scope 2	Specific total (Scope 1 and 2) CO <sub>2</sub> e
2012	0.68	0.19	0.87
2013	0.62	0.18	0.81
2014	0.67	0.15	0.82
2015	0.70	0.12	0.82
<b>2016</b>	0.65	0.11	0.76

<sup>1</sup> Energy and climate data restated for 2014 and 2015 to include Pine Bluff mill (2014 is our climate commitment baseline)

## Consolidated performance data

CO <sub>2</sub> e emissions from our pulp and paper mills by country 2016 (tonnes)	Scope 1	Scope 2	Total scope 1 and 2 emissions
Austria	194,538	0	194,538
	349,830	61,424	411,255
US	51,574	26,523	78,097
Poland	390,934	90,418	481,352
Russia	1,847,408	566	1,847,974
Bulgaria	24,175	41,788	65,963
Sweden	20,405	58,660	79,064
Turkey	57,119	25,376	82,495
Finland	2	0	2
Slovakia	126,106	10,761	136,866
<b>South Africa</b>	1,005,697	355,732	1,361,429
<b>Mondi Group total</b>	4,067,788	671,247	4,739,035

Electricity self-sufficiency of our pulp and paper mills (%)	2012	2013	2014	2015	2016
Own electricity produced	93.0	89.5	95.4	100.9	97.9
Electricity purchased	25.7	25.6	30.1	27.9	25.2
Electricity sold	18.7	15.2	25.5	28.7	23.1

Fuel consumption for our pulp and paper mills (million GJ)	2012	2013	2014	2015	2016
Produced from our own biomass	79.8	82.5	81.7	83.3	87.2
Purchased fuel	72.6	65.4	71.5	75.6	71.2

## Consolidated performance data

Energy use, pulp and paper mills (GJ)	2012	2013	2014	2015	2016
Electricity purchased	6,655,930	6,292,282	7,580,154	6,930,935	6,277,050
Own biomass	79,820,452	82,471,187	81,697,138	83,286,981	87,193,849
Purchased biomass	8,781,214	7,604,285	7,947,595	10,204,981	12,613,917
Fossil fuels consumed	63,852,690	57,826,324	63,535,990	65,348,140	58,616,253
Heat purchased	40,380	64,181	84,752	63,558	16,206
Energy sales	11,268,382	9,916,875	12,842,350	13,143,550	11,609,519
<b>Total energy use</b>	<b>147,882,284</b>	<b>144,341,384</b>	<b>148,003,278</b>	<b>152,691,044</b>	<b>153,107,757</b>
Energy use, converting operations (GJ)	2012	2013	2014	2015	2016
Electricity purchased	975,818	1,664,432	1,657,052	1,786,181	1,881,472
Fossil fuels consumed	1,526,357	1,750,070	1,916,421	2,037,447	2,168,157
Heat purchased	129,337	209,856	170,687	183,093	187,220
<b>Total energy use</b>	<b>2,631,512</b>	<b>3,624,358</b>	<b>3,744,160</b>	<b>4,006,722</b>	<b>4,236,850</b>
Scope 3 emissions (tonnes)				2015	2016
Fuel and energy-related activities (not included in Scope 1 or 2)				439,291	399,966
Purchased goods and services				1,663,253	1,826,793
Employee commuting				47,177	48,514
Upstream transportation and distribution				471,914	435,692
Downstream transportation and distribution				260,980	260,035
Business travel				4,134	4,303
<b>Total</b>				<b>2,886,749</b>	<b>2,975,303</b>

## Consolidated performance data

**Water, air and waste<sup>1</sup>****Water**

Water input (m <sup>3</sup> )	2012	2013	2014	2015	2016
<b>Total water input (potable and non-potable)</b>	<b>306,744,602</b>	<b>308,225,924</b>	<b>323,647,294</b>	<b>308,530,242</b>	<b>309,031,879</b>
<b>Potable water input</b>	<b>29,762,268</b>	<b>28,791,667</b>	<b>29,451,135</b>	<b>25,997,450</b>	<b>23,315,191</b>
<b>Non-potable water</b>	<b>276,982,334</b>	<b>279,434,256</b>	<b>294,196,159</b>	<b>282,532,792</b>	<b>285,716,688</b>
Second-class water	11,757,353	10,361,089	10,065,008	10,534,946	11,217,052
Surface water	246,247,103	249,992,902	263,893,523	246,398,245	249,275,693
Ground water	18,977,878	19,080,265	20,237,628	25,599,600	25,223,943
<b>Waste water from third parties</b>	<b>39,606,995</b>	<b>39,212,851</b>	<b>39,919,055</b>	<b>38,249,896</b>	<b>38,229,853</b>
<b>Emissions to water (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Emissions to water, COD (tonnes)	47,049	45,552	44,901	46,043	43,879
Emissions to water, AOX (tonnes)	155	151	150	166	173
<b>Effluent (water discharges) (m<sup>3</sup>)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Water discharge via on-site or off-site treatment	238,274,102	229,832,212	230,690,929	238,401,299	235,945,906
Effluent direct to surface water without treatment	89,297,491	88,936,025	97,652,438	77,880,033	83,381,085
Effluent to irrigate land	51,267	24,338	6,637	52,236	51,367
Effluent sent to third parties for recycling or reuse of water	0	0	0	0	738,358
<b>Total water output</b>	<b>327,622,860</b>	<b>318,792,575</b>	<b>328,350,004</b>	<b>316,333,567</b>	<b>320,116,716</b>
Waste water from third parties and other Mondi operations	39,606,995	39,212,851	39,919,055	38,249,896	38,229,853
<b>Total water output (excluding third parties)</b>	<b>288,015,865</b>	<b>279,579,724</b>	<b>288,430,949</b>	<b>278,083,672</b>	<b>281,886,862</b>
<b>Contact and non-contact water use (m<sup>3</sup>)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Non-contact water	87,923,755	90,478,291	105,153,432	85,388,509	91,897,722
Contact water	211,492,160	207,783,963	205,733,272	209,551,234	206,763,090

1 2015 data restated to include Pine Bluff mill

## Consolidated performance data

**Air**

<b>Air emissions (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015<sup>1</sup></b>	<b>2016</b>
Total NOx emissions from processes	11,514	11,348	11,705	12,468	11,591
Total reduced sulphur (TRS) from processes	99	65	67	71	52
Total particulate emissions	1,614	1,646	1,570	1,500	963
Total SO <sub>2</sub> emissions from processes	4,185	3,955	5,107	5,604	1,985
<b>Emission of ozone-depleting substances (kg)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
HFC	2,865	4,826	4,146	6,383	6,262
HCFC	2,712	1,301	999	995	628
CFC	0	3	2	2	0
Halons	6	0	0	0	0
<b>Total loss of ozone-depleting substances</b>	<b>5,583</b>	<b>6,130</b>	<b>5,147</b>	<b>7,379</b>	<b>6,890</b>

**Waste**

<b>Waste to landfill (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Non-hazardous waste to landfill	264,938	270,676	260,697	229,253	205,251
Hazardous waste to landfill	1,704	2,107	1,671	814	1,230
<b>Total waste to landfill</b>	<b>266,642</b>	<b>272,783</b>	<b>262,368</b>	<b>230,068</b>	<b>206,481</b>
<b>Hazardous waste (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hazardous waste to landfill	1,704	2,107	1,671	814	1,230
Hazardous waste incinerated	1,845	2,265	2,467	2,668	3,473
Hazardous waste sent for recycling/reuse	1,273	2,485	3,102	2,539	2,829
Hazardous waste for treatment	7,089	9,652	8,387	8,059	9,273
<b>Total hazardous waste</b>	<b>11,911</b>	<b>16,509</b>	<b>15,627</b>	<b>14,081</b>	<b>16,806</b>

1 2015 restated to reflect updated air emissions of Pine Bluff mill.

## Consolidated performance data

<b>Non-hazardous waste (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Non-hazardous waste for treatment	576	1,419	2,454	1,948	2,949
Non-hazardous waste to internal or external incineration	66,384	65,951	90,994	85,039	61,346
Non-hazardous waste recycled	911,755	872,385	699,304	735,083	831,846
Non-hazardous waste to landfill	264,938	270,676	260,697	229,253	205,251
<b>Total non-hazardous waste</b>	<b>1,243,653</b>	<b>1,210,431</b>	<b>1,053,449</b>	<b>1,051,323</b>	<b>1,101,392</b>
<b>Total debris (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Non-hazardous debris	77,070	11,203	9,600	20,488	22,102
Hazardous debris	0	1,514	1,205	14	0
<b>Total debris</b>	<b>77,070</b>	<b>12,717</b>	<b>10,805</b>	<b>20,503</b>	<b>22,102</b>
<b>Total solid waste (tonnes)</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
	1,332,634	1,239,657	1,079,881	1,085,907	1,140,299