

Environmental Data

	Environmental Data *			
GRI	Energy	Unit	2017	2018 **
	Energy			
G302-1	KPI: Electricity consumption/customer	kWh/customer	27.4	26.5
	Direct energy consumption by primary energy sources			
	Fuel (all buildings, all uses)	'000 m3	2.2	2
	Gas	'000 m3	3,103	2,842
	Coal	tonnes	70.8	55.6
	petrol-LPG vehicles company	000 litres	765	1,072
	Diesel vehicles company	000 liters	3,240	2,863
	Energy produced during combustion, primary sources	GWh	57	54
	Total energy Scope 1	GWh	97	92
	Indirect energy consumption			
	Electricity	GWh	581	564
G305-1 G305-2	Greenhouse gas emissions ***			
	CO2 emissions excluding transport	'000 tonnes	454.7	447.5
	CO2 emissions during transport	'000 tonnes	10.7	10.4
	Total CO2 emissions	'000 tonnes	465.4	457.9
	KPI: CO2 emissions during electricity consumption/customer	kg/customer	20.7	26.5
	KPI: CO2 emissions (all energies)/customer	kg/customer	22	20
G301-1	Materials			
	Paper, cardboard boxes: internally and externally	'000 tonnes	1.8	0.8
G303-1	Water	'000 m3	315	255.7
G306-2	Waste			
	Internal WEEE (network & tertiary)	tonnes	70.4	94.6
	Wooden poles	tonnes	190.9	321.5
	Cables	tonnes	287.9	179.9
	Batteries	tonnes	101.8	115.7
	Paper / Cardboard	tonnes	13.8	18.8
	Other hazardous waste (including PCB)	tonnes	7.0	2.58
	Other non-hazardous waste	tonnes	1,050.4	2,067.2
	Waste recycled internally	tonnes	1,722.2	2,800.3
	Waste electrical and electronic equipment			
	Collected and recycled handsets	pcs.	42,869	16,034
	Refurbished and relaunched handsets***	pcs.	8,138	5,644
	Refurbished and relaunched multimedia (broadband) devices	'000	396	491
	Electromagnetic field emissions			
	Compliance with the relevant standards		yes	yes
	<p>* The indicated environmental indicators are the same for the Group and Orange Polska, as the latter owns the buildings and network infrastructure which constitute the basis for determining energy consumption and greenhouse gas emissions, whereas EMF emissions and handset recycling and refurbishment are characteristic of Orange Polska only.</p> <p>** This report, the presented full-year figures for Q4, 2018 in accordance with the FRS Consolidated Financial Statements 2018 of Orange Polska and the Integrated Report 2018 of Orange Group.</p> <p>*** Scope 1 (direct) GHG emissions are defined as emissions from sources (resources, processes) that are owned or controlled by the organisation. Due to the global guidelines and accepted objectives, only CO2 emissions are monitored.</p> <p>**** The decrease in refurbished devices has been a result of lower distribution of new terminals, enhanced quality of products, mobile market saturation and elimination of gaps in the process of terminal returns.</p>			