

# EXHAUSTIVE 2019 ENVIRONMENTAL DATA

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
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## Production Site Environment scope<sup>(a)</sup>

Total number of sites in the Production Site Environment scope	Number of sites	187	185				✓			
<b>Environmental performance coverage rate</b>	<b>Nb of sites under Production Site Environment scope/Total number of sites</b>	<b>96%</b>	<b>99%</b>				✓			

<sup>(a)</sup> Refer to Methodology Note

## Production<sup>(a)</sup>

Production volumes	Thousands of tons	37,534	36,904				✓			
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<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

## ISO 14001 certification<sup>(a)</sup>

Total number of ISO 14001 certified sites	Number of sites	86	85				✓			
Percentage of ISO 14001 certified sites	%	46%	46%							
Production volumes covered by ISO 14001 certification	Thousands of tons of products	25,342	24,554							
Percentage of volumes covered by ISO 14001 certification	%	68%	67%							
Total number of ISO 50001 certified sites	Number of sites	8	8							
Percentage of ISO 50001 certified sites	%	4%	4%							
Percentage of volumes covered by ISO 50001 certification	%	10%	6%							

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

## GREEN audit<sup>(a)</sup>

Percentage of sites undergone an external GREEN audit	%	66%	68%							
Number of sites undergone an external GREEN audit	Number of sites	124	126							
Percentage of production covered by a GREEN audit	%	79%	79%							
Number of sites compliant with GREEN standards (scoring over 800 out of 1000)	Number of sites	104	109							
Percentage of sites compliant with GREEN standards (scoring over 800 out of 1000)	%	84%	87%							
Percentage of compliant production	%	94%	95%							

<sup>(a)</sup> GREEN (Global Risk Evaluation for the Environment) program of external audits world-wide to identify and monitor the main environmental risks related to the production sites (see Universal Registration Document 2019).

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
<b>Investments</b>										
Investment in environmental protection	€	31,000,000	27,000,000							
Percentage of Danone's total capital expenditure	€	3.4%	2.9%							
Operating expenditures related to environment	€	123,000,000	117,000,000							
Expenditures related to waste, water and air quality management	€	33,000,000	36,000,000							
Expenditures for taxes on packaging	€	61,000,000						Disclosure 307-1	16.5	Principle 10
Contributions paid for the collection and recycling of packaging	€		55,000,000					Disclosure 307-1	16.5	Principle 10
Other expenditures	€	29,000,000	26,000,000					Disclosure 307-1	16.5	Principle 10

## CLIMATE

## CO2 EMISSIONS SCOPE 1, 2 AND 3

Scope 1 & 2 emissions market-based<sup>(a)</sup>

Scope 1	Ktons CO <sub>2</sub> equivalent	753	722				✓	Disclosure 305-1	13.1	Principle 7,8
Scope 2	Ktons CO <sub>2</sub> equivalent	679	588				✓	Disclosure 305-2	13.1	Principle 7,8
<b>Total Scope 1 &amp; 2</b>	<b>Ktons CO<sub>2</sub> equivalent</b>	<b>1,432</b>	<b>1,310</b>				✓			

<sup>(a)</sup> Greenhouse Gases Scope (refer to Methodology Note)

<b>Absolute reduction of scope 1 &amp; 2 emissions market-based since 2015<sup>(a)</sup></b>		<b>20.3%</b>	<b>29.1%</b>	<b>30%</b>	<b>2030</b>	<b>2015</b>	✓	Disclosure 305-5	13.1	
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<sup>(a)</sup> Based on constant consolidation scope and methodologyGreenhouse gas emissions in scope 3<sup>(a)</sup>

Purchased goods and services	Ktons CO <sub>2</sub> equivalent	19,055	20,628					Disclosure 305-3	13.1	Principle 7,8
Upstream transportation and distribution of goods	Ktons CO <sub>2</sub> equivalent	629	382					Disclosure 305-3	13.1	Principle 7,8
Downstream transportation and distribution of goods	Ktons CO <sub>2</sub> equivalent	1,886	2,199					Disclosure 305-3	13.1	Principle 7,8
Use of sold products	Ktons CO <sub>2</sub> equivalent	1,577	1,922					Disclosure 305-3	13.1	Principle 7,8
End-of-life treatment of sold products	Ktons CO <sub>2</sub> equivalent	1,004	245					Disclosure 305-3	13.1	Principle 7,8
Emissions related to upstream energy use	Ktons CO <sub>2</sub> equivalent	330	320					Disclosure 305-3	13.1	Principle 7,8
Waste generated in operations	Ktons CO <sub>2</sub> equivalent	405	173					Disclosure 305-3	13.1	Principle 7,8
<b>Total Scope 3</b>	<b>Ktons CO<sub>2</sub> equivalent</b>	<b>24,886</b>	<b>25,869</b>					<b>Disclosure 305-3</b>	<b>13.1</b>	<b>Principle 7,8</b>

<sup>(a)</sup> Covering 94% of Danone sales volumes, Greenhouse Gases Scope (refer to Methodology Note)

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**Total greenhouse gas emissions on the extended responsibility perimeter for scopes 1, 2 and 3<sup>(a)</sup>**

Scope 1	Ktons CO2 equivalent	753	722				✓	Disclosure 305-1	13.1	Principle 7,8
Scope 2	Ktons CO2 equivalent	679	588				✓	Disclosure 305-2	13.1	Principle 7,8
Scope 3	Ktons CO2 equivalent	24,886	25,869					Disclosure 305-3	13.1	Principle 7,8
<b>Total Scope 1, 2, 3</b>	<b>Ktons CO2 equivalent</b>	<b>26,318</b>	<b>27,179</b>							
Ratio of total emissions for scopes 1, 2, 3	grams of CO <sub>2</sub> equivalent/kg of product sold	711.0	740.1					Disclosure 305-4		
<b>Intensity reduction full scope since 2015<sup>(b)</sup></b>		<b>15.6%</b>	<b>24.8%</b>	<b>50%</b>	<b>2030</b>	<b>2015</b>		<b>Disclosure 305-5</b>	<b>13.1</b>	<b>Principle 7,8</b>

<sup>(a)</sup> Greenhouse Gases Scope (refer to Methodology Note)

<sup>(b)</sup> Based on constant consolidation scope and methodology

**Total emissions breakdown<sup>(a)</sup>**

Scope 1	%	2.9%	2.7%					Disclosure 305-1	13.1	Principle 7,8
Scope 2	%	2.6%	2.2%					Disclosure 305-2	13.1	Principle 7,8
Scope 3   Purchase of goods and services : Agriculture - milk	%	41.0%	35.5%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Purchase of goods and services : Agriculture - dairy ingredients	%	9.4%	15.4%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Purchase of goods and services : Agriculture - other raw materials	%	9.1%	9.0%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Purchase of goods and services: Packaging	%	10.4%	10.3%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Purchase of goods and services: Purchase of finished products	%	2.5%	5.6%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Upstream transportation and distribution of goods	%	2.4%	1.4%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Downstream transportation and distribution of goods	%	7.2%	8.1%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Use of sold products	%	6.0%	7.1%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   End-of-life treatment of sold products	%	3.8%	0.9%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Fuel and energy related activities	%	1.2%	1.2%					Disclosure 305-3	13.1	Principle 7,8
Scope 3   Waste generated in operations	%	1.5%	0.6%					Disclosure 305-3	13.1	Principle 7,8

<sup>(a)</sup> Greenhouse Gases Scope (refer to Methodology Note)

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
Agricultural emissions breakdown <sup>(a)</sup>										
Milk	%	68.9%	59.2%					Disclosure 305-3	13.1	Principle 7,8
Dairy ingredients	%	15.8%	25.7%					Disclosure 305-3	13.1	Principle 7,8
Other raw materials	%	15.3%	15.1%					Disclosure 305-3	13.1	Principle 7,8

<sup>(a)</sup> Greenhouse Gases Scope (refer to Methodology Note)

ENERGY EFFICIENCY AND RENEWABLES

Energy consumption within the organization <sup>(a)</sup>										
Total thermal energy consumption	MWh	3,395,125	3,298,502				✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8
Total electricity consumption (in MWh)	MWh	2,181,458	2,122,809				✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8
Total	MWh	5,576,583	5,421,311				✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8
Intensity of energy consumption	KWh/ton of product	148.6	146.9				✓	Disclosure 302-3	7.3   12.2   13.1	Principle 7,8
Total reduction of energy intensity since 2000		46%	47%	60%	2020	2000	✓	Disclosure 302-4 Disclosure 302-5	7.3   12.2   13.1	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

Renewable energy <sup>(a)</sup>										
Production plant purchasing electricity from 100% renewable sources	Number of sites	40	50				✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8
Percentage of renewable electricity purchase	Quantity of renewable electricity/ total electricity purchased	34.2%	42.4%	100%	2030	2017	✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8
Percentage of total renewable energy	Quantity of renewable energy/total energy	16.2%	19.7%				✓	Disclosure 302-1	7.3   12.2   13.1	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

DEFORESTATION

Palm oil and soy policy										
Tons of palm oil used <sup>(a)</sup>	Tons	71,443	≈68,000					Disclosure 308-2	12.7	
"RSPO segregated" certified palm oil	%	58%	48%					Disclosure 308-2	12.7	
"RSPO Mass Balance" certified palm oil	%		51%							

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
<b>Paper and board for packaging</b>										
Percentage of recycled paper-based <sup>(a)</sup>	%	70%	70%					Disclosure 301-2	12.5	Principle 7,8
Percentage of paper and board packaging made of recycled fibers or FSC certified fibers (compliance with Danone forest footprint policy) <sup>(a)</sup>	%	79%	90%	100%	2020			Disclosure 301-2	12.5	Principle 7,8

<sup>(a)</sup> Packaging Scope (refer to Methodology Note)

REFRIGERATION RESOLUTION

<b>Emissions of ozone-depleting substances (ODS)<sup>(a)</sup></b>										
CFC	Ton equivalent CFC	0	0					Disclosure 305-6	13.1	Principle 7,8
HCFC	Ton equivalent CFC	0.236	0.056					Disclosure 305-6	13.1	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

<b>New Cooling equipment purchased using HFC free or Low GWP gas (&lt;150)<sup>(a)</sup></b>										
Industrial cooling installation	%	99%	98%					Disclosure 305-6	13.1	Principle 7,8
Commercial coolers	%	97%	79%					Disclosure 305-6	13.1	Principle 7,8

<sup>(a)</sup> Refrigeration resolution scope (refer to Methodology Note)

REGENERATIVE AGRICULTURE

REGENERATIVE AGRICULTURE PRACTICES

<b>Animal welfare</b>										
Lamb and beef having access to pasture (Socrates Scope: Early Life Nutrition food factories in the EU)		100%	100%					Disclosure 308-2	12.7	
Cage-free eggs and eggs ingredients volumes sourced worldwide		37%	>80%	100%	2019	2018		Disclosure 308-2	12.7	
Percentage of fresh milk volumes worldwide assessed through Danone's welfare assessment tool or via Validus Animal Welfare certification in Essential Dairy and Plant-Based Business <sup>(a)</sup>		43%	81%	80%	2020			Disclosure 308-2	12.7	

<sup>(a)</sup> Including the following countries covering more than 80% of total fresh milk (Algeria, Argentina, Belgium, Brazil, Egypt, France, Germany, Mexico, Poland, Romania, Russia, South Africa, Spain, and U.S.A.)

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
CIRCULAR ECONOMY										

**Post-consumer Packaging<sup>(a)</sup>**

Tons of plastic used by Danone	Tons of plastic	794,000	800,000					Disclosure 301-2	12.5	Principle 7,8
<b>Percentage of total packaging being reusable, recyclable or compostable<sup>(b)</sup></b>	<b>%</b>	<b>87%</b>	<b>81%</b>	<b>100%</b>	<b>2025</b>			Disclosure 301-2	12.5	Principle 7,8
Percentage of total plastic packaging being reusable, recyclable or compostable	%	65%	67%					Disclosure 301-2	12.5	Principle 7,8
Percentage of packaging coming from recycled materials (primary, secondary & tertiary packaging)	%	38%	39%					Disclosure 301-2	12.5	Principle 7,8
<b>Percentage of recycled materials in plastic packaging</b>	<b>%</b>	<b>6%</b>	<b>10.6%</b>	<b>25%</b>	<b>2025</b>			Disclosure 301-2	12.5	Principle 7,8
Percentage of recycled PET in Waters Business where local standards and regulations allow for it	%	17%	20.5%	25%	2020			Disclosure 301-2	12.5	Principle 7,8
<b>Percentage of recycled PET in Waters Business worldwide</b>	<b>%</b>	<b>12%</b>	<b>16%</b>	<b>50%</b>	<b>2025</b>			Disclosure 301-2	12.5	Principle 7,8

<sup>(a)</sup> Packaging Scope (refer to Methodology Note).<sup>(b)</sup> This decrease is due to a strict application of the new definition of recyclability promoted by EMF Foundation for the circular economy and its change in approach with the adoption of a new tool to monitor environmental performance.**Industrial waste<sup>(a)</sup>**

Total quantity of industrial waste	in ktons	452	510				✓	Disclosure 306-2	6.3	Principle 7,8
Total quantity ratio of industrial waste per ton of products	in kg/tons	12.1	13.8				✓	Disclosure 306-2	6.3	Principle 7,8
Proportion of industrial waste recovered	%	88.3%	90.1%				✓	Disclosure 306-2	6.3	Principle 7,8
Waste generated	Total quantity in thousand of tons	499	545				✓	Disclosure 306-2	6.3	Principle 7,8
Recovered waste	Total quantity in thousand of tons	412	584				✓	Disclosure 306-2	6.3	Principle 7,8
Proportion of recovered waste	%	82.5%	84.9				✓	Disclosure 306-2	6.3	Principle 7,8
<b>Ratio of total quantity of waste per ton of products</b>	<b>Kg/ton of products</b>	<b>13.3</b>	<b>15.0</b>				✓	Disclosure 306-2	6.3	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
<b>Industrial Packaging waste<sup>(a)</sup></b>										
Total quantity of packaging industrial waste	in ktons	119	122					Disclosure 306-2	6.3	Principle 7,8
Total quantity ratio of packaging industrial waste per ton of products	in kg/tons	3.2	3.3					Disclosure 306-2	6.3	Principle 7,8
Packaging industrial waste recovered	Thousand of tons	115	116					Disclosure 306-2	6.3	Principle 7,8
Proportion of packaging industrial waste recovered	%	96.8%	95.3%					Disclosure 306-2	6.3	Principle 7,8
Proportion of plastic packaging waste recovered	%	95.4%	95.8%					Disclosure 306-2	6.3	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

<b>Industrial Food waste<sup>(a)*</sup></b>										
Total quantity of food waste generated	Thousand of tons	331	386					Disclosure 306-2	6.3	Principle 7,8
Total quantity of recovered food waste	Thousand of tons	283	344					Disclosure 306-2	6.3	Principle 7,8
Ratio of total quantity of food waste per ton of products	Kg/ton of products	37.7	45.0					Disclosure 306-2	6.3	Principle 7,8
Ratio of total quantity of food waste recovered per ton of products	Kg/ton of products	32.3	39.9					Disclosure 306-2	6.3	Principle 7,8
Proportion of recovered food waste	%	85.5%	88.6%					Disclosure 306-2	6.3	Principle 7,8

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)

\* Excluding Waters Business

<b>Total food waste in our operations (Industrial and supply chain)<sup>(a)</sup></b>										
Total quantity of food waste generated	Thousands of tons	464	481					Disclosure 306-2	6.3	Principle 7,8
Total quantity of recovered food waste	Thousands of tons	368	396					Disclosure 306-2	6.3	Principle 7,8
Proportion of recovered food waste	%	79%	82%					Disclosure 306-2	6.3	Principle 7,8
Ratio of total food waste per ton of products sold	Kg/ton of product sold	54.3	57.3					Disclosure 306-2	6.3	Principle 7,8
Ratio of total recovered food waste per ton of products sold	Kg/ton of product sold	43.1	47.2					Disclosure 306-2	6.3	Principle 7,8
Ratio of total non-recovered food waste per ton of products sold	Kg/ton of product sold	11.2	10.1					Disclosure 306-2	6.3	Principle 7,8
<b>Total reduction in non-recovered food waste ratio since 2016<sup>(b)</sup></b>		<b>-1.6%</b>	<b>-7.0%</b>	<b>50%</b>	<b>2025</b>	<b>2016</b>				

<sup>(a)</sup> Total Food waste Scope (refer to Methodology Note)

<sup>(b)</sup> Based on constant consolidation scope and methodology

	Unit	2018	2019	TARGET	TARGET YEAR	BASELINE	EXTERNALLY VERIFIED	CORRESPONDING GRI STANDARDS	RELATED SDG TARGET	RELATED UNGC PRINCIPLE
<b>WATER</b>										

**Water Risk Assessment<sup>(a)</sup>**

Percentage of production sites located in high or extreme risk zones according to the Aqeduct tool <sup>(b)</sup> (WRI - global risk: physical, regulatory and reputation)	%	9%	44%							
Percentage of Danone sites audited for their water risk according to the WRF <sup>(c)</sup> tool.	%	64%	76%							
Percentage of production sites identified at high risk for the Company	%	14%	19%							

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)<sup>(b)</sup> Aqeduct Water Risk Atlas from the World Ressources Institute, more information in our 2019 Universal Registration Document<sup>(c)</sup> Water Risk Filter (WRF) from the World Wildlife Fund, more information in our 2019 Universal Registration Document**SPRING audits<sup>(a)</sup>**

Percentage of Waters division sites having run a SPRING audited	%	100%	100%	100%	2020				12.2	Principle 7,8
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<sup>(a)</sup> Internal water resource management tool SPRING (Sustainable Protection and Resources managING) that covers the physical, regulatory and community management of aquifers (geological formations containing (groundwater) and their watershed (see 2019 Universal Registration Document)**Water withdrawal at production sites<sup>(a)</sup>**

River water withdrawn from the surrounding area	Thousand of m <sup>3</sup>	2,937	3,038				✓	Disclosure 303-1	6.4	Principle 7,8
Municipal water withdrawn from the surrounding area	Thousand of m <sup>3</sup>	23,395	22,751				✓	Disclosure 303-1	6.4	Principle 7,8
Well water withdrawn from the surrounding area	Thousand of m <sup>3</sup>	48,161	47,276				✓	Disclosure 303-1 Disclosure 303-2	6.4	Principle 7,8
<b>Total water withdrawal from surrounding area</b>	<b>Thousand of m<sup>3</sup></b>	<b>74,493</b>	<b>73,064</b>				✓	<b>Disclosure 303-1</b>	<b>6.4</b>	<b>Principle 7,8</b>
Water used in finished products and water co-product	Thousand of m <sup>3</sup>	31,182	31,292				✓		6.4	Principle 7,8
<b>Water consumption in the production processes</b>	<b>Thousand of m<sup>3</sup></b>	<b>43,311</b>	<b>41,773</b>				✓		<b>6.4</b>	<b>Principle 7,8</b>
Water consumption intensity related to the production processes	m <sup>3</sup> /tons of product	1.15	1.13				✓		6.4	Principle 7,8
<b>Total reduction of water intensity since 2000</b>	<b>%</b>	<b>48%</b>	<b>49%</b>	<b>60%</b>	<b>2020</b>	<b>2000</b>	✓		<b>6.4</b>	<b>Principle 7,8</b>

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)**Wastewater<sup>(a)</sup>**

Final discharge of Chemical Oxygen Demand (COD)	Thousands of tons	6.63	6.38				✓	Disclosure 306-1	6.3   14.1	Principle 7,8
Net COD Ratio	Kg/ton of product	0,18	0.17				✓	Disclosure 306-1	6.3   14.1	Principle 7,8
<b>Compliance with Clean Water Standards (CWS) of production sites discharging wastewater directly to nature</b>	<b>Nb of sites compliant / total nb of site under CWS</b>	<b>75%</b>	<b>68%</b>	<b>100%</b>	<b>2020</b>			<b>Disclosure 306-1</b>	<b>6.3   14.1</b>	<b>Principle 7,8</b>
<b>Percentage of clean wastewater returned to nature</b>	<b>m<sup>3</sup> of clean wastewater / m<sup>3</sup> of wastewater under CWS</b>	<b>74%</b>	<b>62%</b>	<b>100%</b>	<b>2020</b>			<b>Disclosure 306-1</b>	<b>6.3   14.1</b>	<b>Principle 7,8</b>

<sup>(a)</sup> Production Site Environment Scope (refer to Methodology Note)