BASF-YPC Company Limited 2019 Facts & Figures

Sales

BASF-YPC Company Limited (in million €)

2019 2018

2,536 2,764

Employees (as of December 31, 2019)

	2019	2018
Employees BASF-YPC Company Limited	1,942	1,893
Up to and including 25 years %	3	1
Between 26 and 39 years %	32	34
Between 40 and 54 years %	58	61
55 years and up %	7	4
Gender: male %	79	
Gender: female %	21	

Four focus areas



Innovation

2,452

Innovative improvement ideas submitted by employees from all ranks of the company

175

Key suggestions recognised from the whole improvement ideas



Sustainability

11%

Reduction of greenhouse gas emissions compared with the previous year

4

Energy saving projects to save energy significantly



People

97

New hires from external market in 2019

50

Interns during 2019



Safety

4,682

Potential hazards eliminated through self-checks

13,152

Contractors were trained related to safety

Environmental protection, health and safety

Steam consumption metric tons 6,340,322 5,899,990 First consumption MWH 3,814,265 3,766,183 Emissions to air Greenhouse gas emissions metric tons of CO ₂ -equivisients 2,752,412 3,079,267 Emissions to air pollutants (without CH ₂); CO, NO ₂ , NMWOC, SO ₂ , dust, NH ₂ Other Inorganic substances metric tons 1,565 1,763 Water Emissions to water: Nitrogen metric tons 307,8 273 Emissions to water: Nitrogen metric tons 308 273 Emissions to water: Nitrogen metric tons 0,28 0,2 Water supply million cubic meters 6,7 6,3 Water supply million cubic meters 6,7 6,3 Water used for cooling million cubic meters 6,7 6,3 Water supply by source Withdrawal of surface water % 100 100 Withdrawal of dynamic subsequence water % 0 0 0 0 Water supply by source % 0 0 0 0 0 <th></th> <th>Γ</th> <th>2019</th> <th>2018</th>		Γ	2019	2018
Steam consumption metric tons 6,340,322 5,899,990 Fivel consumption MWh 3,814,265 3,766,183 Emissions to air Cocupational series Captional series 2,752,412 3,079,267 Emissions to air Emissions to air pollutants (without CHJ; CO, NO, NM/VOC, SO, dust, NH,/other inorganic substances metric tons of CO, equivalents 2,752,412 3,079,267 Emissions to water. Organic substances (COD) metric tons 307,6 273 Emissions to water. Nitrogen metric tons 307,6 273 Emissions to water. Nitrogen metric tons 307,6 273 Emissions to water. Heavy metals metric tons 307,6 273 Water supply million cubic meters 6,7 6,3 Water used for cooling million cubic meters 1,208,3 1,264 Water used for cooling million cubic meters 1,208,3 1,254 Water used for cooling million cubic meters 1,208,3 1,254 Water used for c	Energy demand			
Emissions to air	Electricity consumption	MWh	1,485,205	1,450,438
Emissions to air Groenhouse gas emissions metric tons of CO ₂ -equivalents 2,752,412 3,079,267 Emissions of air pollutants (without CH ₂): CO, NO ₂ , NM/VCC, SO ₂ , dust, NH ₂ /other inorganic substances metric tons 1,568 1,763 Water Enissions to water: Organic substances (COD) metric tons 5,9 4,9 Emissions to water Ntrogen metric tons 0,28 0,22 Emissions to water Nutrogen metric tons 15,33 16 Water used for production million cubic metres 15,33 16 Water used for production million cubic metres 1,208,3 1,254 Water supply million dubic metres 1,208,3 1,254 Water supply by source Withdrawal of surface water Withdrawal of surface water Withdrawal of ground water % 0 0 0 0 Withdrawal of drinking water % 0 0 0 0 Waste Total amount of waste metric tons 125,044 153,348 Recycling rate (including thermal incovery) % 0 0 0 10 Coupstional safety Cocupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200,000 workings hours Occupational safety Process safety	Steam consumption	metric tons	6,340,322	5,899,990
Greenhouse gas emissions metric tons of CO2-equivalents 2,752,412 3,079,267 Emissions of air pollutants (without CH2): CO, NO2, MMVOC, SO2, dust, NH2/other Inorganic substances metric tons 1,505 1,763 1,7	Fuel consumption	MWh	3,814,265	3,766,183
Emissions of air pollutants (without CH.): CO, NO, NMVOC, SO, dust, NH/other lnorganic substances metric tons 1,505 Water Process safety Macroscopy (according to the substances) 1,505 1,763 Water Emissions to water: Organic substances (COD) metric tons 307,6 273 Emissions to water: Nitrogen metric tons 5,9 4,9 4,9 Emissions to water: Nitrogen metric tons 0,28 0,2 Water supply million cubic meters 15,33 16 Water used for production million cubic meters 6,7 6,3 Water used for cooling million cubic meters 1,208,3 1,254 Water used for cooling million cubic meters 1,208,3 1,254 Water used for cooling million cubic meters 1,008,3 1,254 Water used for cooling million cubic meters 1,008,3 1,254 Water used for cooling million cubic meters 1,008,3 1,254 Water used for cooling million cubic meters 1,008,3 1,254 Water used for cooling millio	Emissions to air			
Water Cocupational substances (COD) metric tons 307.6 273 Emissions to water. Nitrogen metric tons 5.9 4.9 Emissions to water: Heavy metals metric tons 0.28 0.2 Water supply million cubic meters 15.33 16 Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source Withdrawal of surface water % 100 100 Withdrawal of ground water % 0 0 0 Withdrawal of drinking water % 0 0 0 Waste Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery) % 9 93 94 Desposal of waste Through incineration % 7 5 Landfill % 0 0 0 Occupational safety Coccupational safety 0 0 <td>Greenhouse gas emissions</td> <td>metric tons of CO₂-equivalents</td> <td>2,752,412</td> <td>3,079,267</td>	Greenhouse gas emissions	metric tons of CO ₂ -equivalents	2,752,412	3,079,267
Emissions to water: Organic substances (COD) metric tons 307.6 273 Emissions to water: Nitrogen metric tons 5.9 4.9 Emissions to water: Heavy metals metric tons 0.28 0.2 Water supply million cubic meters 15.33 16 Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source Withdrawal of surface water % 100 100 Withdrawal of surface water % 100 100 100 Withdrawal of dirinking water % 0 0 0 Waste metric tons 125,044 153,345 153,345 Recycling rate (including thermal recovery) % 93 94 Disposal of waste metric tons 125,044 153,345 Through incineration % 7 5 Landfill % 0 0 Occupational safety 0 0 0 </td <td>Emissions of air pollutants (without CH₄): CO, NO_x, NMVOC, SO_x, dust, NH₃/other Inorganic substances</td> <td>metric tons</td> <td>1,505</td> <td>1,763</td>	Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other Inorganic substances	metric tons	1,505	1,763
Emissions to water Nitrogen metric tons 5.9 4.9 Emissions to water. Heavy metals metric tons 0.28 0.2 Water supply million cubic meters 15.33 1.6 Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source Withdrawal of surface water % 100 100 Withdrawal of ground water % 0 0 0 Withdrawal of ground water % 0 0 0 Withdrawal of drinking water % 0 0 0 Waste metric tons 125,044 153,345	Water			
Emissions to water: Heavy metals 0.28 Water supply million cubic meters 15.33 16 Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source 1,208.3 1,208.3 1,254 Withdrawal of surface water % 0 0 Withdrawal of ground water % 0 0 Withdrawal of drinking water % 0 0 Waste 0 93 94 Disposal of waste 0 7 5 Landfill % 0 0 Underground storage % 0 0 Occupational safety 0 0 0 Cotal time injury rate (employees, leased personnel and contractors) <t< td=""><td>Emissions to water: Organic substances (COD)</td><td>metric tons</td><td>307.6</td><td>273</td></t<>	Emissions to water: Organic substances (COD)	metric tons	307.6	273
Water supply million cubic meters 15.33 16 Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source	Emissions to water: Nitrogen	metric tons	5.9	4.9
Water used for production million cubic meters 6.7 6.3 Water used for cooling million cubic meters 1,208.3 1,254 Water supply by source Withdrawal of surface water % 100 100 Withdrawal of ground water % 0 0 0 Waste 0 0 0 0 0 Waste 0 <td< td=""><td>Emissions to water: Heavy metals</td><td>metric tons</td><td>0.28</td><td>0.2</td></td<>	Emissions to water: Heavy metals	metric tons	0.28	0.2
Water used for cooling million cubic meters 1,28.4 Water supply by source	Water supply	million cubic meters	15.33	16
Water supply by source 4 100 100 Withdrawal of surface water % 0 0 Withdrawal of ground water % 0 0 Waste 0 0 0 Waste Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery) % 93 94 Disposal of waste Through incineration % 7 5 Landfill % 0 1 Underground storage % 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200,000 workings hours 0.02 0.19 Fatalities (total) 0 0 0 0	Water used for production	million cubic meters	6.7	6.3
Withdrawal of surface water % 100 100 Withdrawal of ground water % 0 0 Withdrawal of drinking water % 0 0 Waste 0 0 0 Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery) 93 94 Disposal of waste 7 5 Through incineration % 7 5 Landfill % 0 1 Underground storage % 0 0 Occupational safety 0 0 0 Landfilles (total) per 200.000 workings hours 0.02 0.19 Fatalities (total) 0 0 0	Water used for cooling	million cubic meters	1,208.3	1,254
Withdrawal of ground water % 0 0 Waste Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery) % 93 94 Disposal of waste Through incineration % 7 5 Landfill % 0 1 Underground storage % 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200,000 workings hours 0.02 0.19 Process safety Process safety — — — —	Water supply by source			
Withdrawal of drinking water 0 0 Waste Total amount of waste Interview of the property	Withdrawal of surface water	%	100	100
Waste Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery) % 93 94 Disposal of waste Through incineration % 7 55 Landfill % 0 1 Underground storage % 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200,000 workings hours 0.02 0.19 Process safety	Withdrawal of ground water	%	0	0
Total amount of waste metric tons 125,044 153,345 Recycling rate (including thermal recovery)	Withdrawal of drinking water	%	0	0
Recycling rate (including thermal recovery) Disposal of waste Through incineration Landfill Underground storage Coccupational safety Lost-time injury rate (employees, leased personnel and contractors) Process safety Process safety	Waste			
Disposal of waste Through incineration % 7 55 Landfill % 0 11 Underground storage % 0 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200.000 workings hours 0 0 Process safety Process safety	Total amount of waste	metric tons	125,044	153,345
Through incineration % 7 5 Landfill % 0 1 Underground storage % 0 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200.000 workings hours 0.02 0.19 Fatalities (total) 0 0	Recycling rate (including thermal recovery)	%	93	94
Landfill % 0 1 Underground storage % 0 0 Cocupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200.000 workings hours 0.02 0.19 Fatalities (total) 0 0	Disposal of waste			
Underground storage % 0 0 Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200.000 workings hours 0.02 0.19 Fatalities (total) 0 0 Process safety	Through incineration	%	7	5
Occupational safety Lost-time injury rate (employees, leased personnel and contractors) per 200.000 workings hours 0.02 0.19 Fatalities (total) 0 0 Process safety	Landfill	%	0	1
Lost-time injury rate (employees, leased personnel and contractors) Partalities (total) Process safety Der 200.000 workings hours 0.02 0.19 0 0 0 0 0 0 0 0 0 0 0 0 0	Underground storage	%	0	0
Fatalities (total) 0 0 Process safety	Occupational safety			
Process safety Process safety	Lost-time injury rate (employees, leased personnel and contractors)	per 200.000 workings hours	0.02	0.19
	Fatalities (total)		0	0
Process safety incidents (PSIs) per 200.000 working hours 0.02 0.02	Process safety			
	Process safety incidents (PSIs)	per 200.000 working hours	0.02	0.02

Remark: All data are based on BASF's statistical methods.

Further information

You can find this publication on the internet at basf-ypc.com.cn

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