

Ludwigshafen site 2021 in figures

Sales

BASF Group (in million €)

2021	2020
78,598	59,149

BASF SE (in million €)

2021	2020
25,041	19,915

Employees (as of December 31, 2021)

		2021	2020
BASF Group employees		111,047	110,302
Ludwigshafen site employees		38,371	39,143
Thereof employees of BASF SE		34,405	34,484
Thereof women BASF SE	%	21.9	21.7
Thereof shift employees BASF SE	%	32.5	32.7
Thereof apprentices of BASF SE		2,076	2,043
Employee age structure BASF SE			
Up to and including 25 years	%	11	11
Between 26 and 39 years	%	26	25
Between 40 and 54 years	%	38	40
55 years and up	%	25	24

A site on the move

Transport and production

Site area

~10 km²



Pipelines

~2,850 km



Barges (daily)

~15

Proportion of total transport volume

40 %

Total number of buildings

~2,000



Roads

~106 km



Trucks (daily)

~1,900

Proportion of total transport volume

32 %

Production plants

~200



Rails

~230 km



Rail cars (daily)

~400

Proportion of total transport volume

28 %

Production facilities

~125



Sales volume (p.a.)

~8.1 mmt



AGV* transports (daily)

~30

*Automated Guided Vehicles

Environment, health and safety



We act responsibly.

Ludwigshafen site

		2021	2020
Energy demand			
Electricity	MWh	5,998.140	5,984,894
Steam	metric tons	19,510.149	18,096,317
Fossil fuel power plants	MWh	17,802.367	16,491,520
Water			
Emissions of organic substances to water	metric tons	5,088	4,959
Emissions of nitrogen to water	metric tons	1,313	1,426
Emissions of heavy metals to water	metric tons	8	8
Water use	million cubic meters	1,186	1,337
Water used for production	million cubic meters	139	133
Water used for cooling	million cubic meters	2,089	1,869
Withdrawal of surface water	%	98.3	98.5
Withdrawal of ground water	%	1.6	1.4
Withdrawal of drinking water	%	0.1	0.1
Air			
Emissions of air pollutants (excluding CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other inorganic substances	metric tons	8,288	7,963
Emissions of greenhouse gases: CO ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆	million metric tons of CO ₂ equivalents	7.20	7.42
Waste			
Total waste generation	metric tons	777,130	751,640
Recycling rate (including thermal recovery)	%	47	45
Waste disposed of			
Through incineration	%	38	38
In surface landfills	%	15	17
In underground landfills	%	0.1	0.1
Occupational safety			
Lost time injury rate BASF SE incl. leasing employees and contractors	per 200,000 working hours	0.59	0.56
Fatalities (in total employees and contractors)		0	0

Contact to BASF in Ludwigshafen

In the web

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