

Ludwigshafen site 2023 in figures

Sales

BASF Group (in million €)

2023	2022
68,902	87,327

BASF SE (in million €)

2023	2022
22,832	30,558

Employees (as of December 31, 2023)

		2023	2022
BASF Group employees		111,991	111,481
Ludwigshafen site employees		38,710	39,140
Thereof employees of BASF SE		34,213	34,705
Thereof women BASF SE	%	22.3	22.1
Thereof shift employees BASF SE	%	23.1	23.3
Thereof apprentices of BASF SE		2,103	2,104
Employee age structure BASF SE			
Up to and including 25 years	%	10	11
Between 26 and 39 years	%	27	27
Between 40 and 54 years	%	36	37
55 years and up	%	26	26

A site on the move

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%

Plants

~200



Rails

~230 km



Rail cars (daily)

~400

Proportion of total transport volume

28%

Production facilities

~125



Sales volume (p.a.)

~6.1 mmt



AGV* transports (daily)

~30

*Automated Guided Vehicles

Environment, health and safety

Ludwigshafen site

		2023	2022
Energy demand			
Electricity	MWh	4,472,463	5,314,071
Steam	metric tons	14,065,629	16,739,680
Fossil fuel power plants	MWh	12,439,472	14,000,999
Water			
Emissions of organic substances to water	metric tons	3,496	4,231
Emissions of nitrogen to water	metric tons	1,168	1,321
Emissions of heavy metals to water	metric tons	4.9	6.8
Emissions of phosphorus to water	metric tons	72	65
Water abstraction	million cubic meters	1,143	1,142
Water used for production	million cubic meters	114	126
Water used for cooling	million cubic meters	1,906	2,016
Withdrawal of surface water	%	98.3	98.3
Withdrawal of ground water	%	1.5	1.5
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	5,542	6,662
Emissions of greenhouse gases: CO ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆			
	million metric tons of CO ₂ equivalents	5.13	6.27
Waste			
Total waste generation	metric tons	703,070	711,871
Recycling rate (including thermal recovery)	%	44	43
Waste disposed of			
Through incineration	%	36	41
In surface landfills	%	19	16
In underground landfills	%	0.3	0.2
Safety			
Rate of high-severity work process-related injuries*	per 200,000 working hours	0.06	0.16
Number of fatalities*		0	0
Rate of process safety incidents	per 200,000 working hours	0.42	0.39
Rate of high-severity process safety incidents	per 200,000 working hours	0.08	0.10

*BASF SE, temporary workers and contractors

Contact

In the web

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General inquiries

standortaktuell@basf.com

Published by

BASF SE
Site Communications Ludwigshafen,
External Communications
67056 Ludwigshafen

Social Media

