

# Ludwigshafen site 2020 in figures

## Sales

**BASF Group** (in million €)

2020	2019
<b>59,149</b>	<b>59,316</b>

**BASF SE** (in million €)

2020	2019
<b>19,915</b>	<b>22,185</b>

## Employees (as of December 31)

	2020	2019
BASF Group employees	110,302	117,628
Ludwigshafen site employees	39,143	39,527
Thereof employees of BASF SE	34,484	34,896
Thereof women BASF SE	21.7	21.7
Thereof shift employees BASF SE	32.7	23.4
Thereof apprentices of BASF SE	2,043	2,034
Employee age structure BASF SE		
Up to and including 25 years	11	10.5
Between 26 and 39 years	25	25.2
Between 40 and 54 years	40	40.9
55 years and up	24	23.4

## A site on the move

### Transport and production

Site area

**~10 km<sup>2</sup>**



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

**35 %**

Production plants

**~200**



Rails

**~230 km**



Rail cars (daily)

**~400**

Proportion of total transport volume

**25 %**

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

		2020	2019
<b>Energy demand</b>			
Electricity	MWh	5,984,894	6,176,545
Steam	metric tons	18,096,317	18,322,989
Fossil fuel power plants	MWh	16,491,520	16,364,338
<b>Water</b>			
Emissions of organic substances to water	metric tons	4,959	5,105
Emissions of nitrogen to water	metric tons	1,426	1,609
Emissions of heavy metals to water	metric tons	8	11
Water use	million cubic meters	1,337	1,351
Water used for production	million cubic meters	133	139
Water used for cooling	million cubic meters	1,869	1,883
Withdrawal of surface water	%	98.5	98.5
Withdrawal of ground water	%	1.4	1.4
Withdrawal of drinking water	%	0.1	0.1
<b>Air</b>			
Emissions of air pollutants (excluding CH <sub>4</sub> ):			
CO, NO <sub>x</sub> , NMVOC, SO <sub>x</sub> , dust, NH <sub>3</sub> /other inorganic substances	metric tons	7,741	7,405
Emissions of greenhouse gases: CO <sub>2</sub> , N <sub>2</sub> O, CH <sub>4</sub> , HFC, PFC, SF <sub>6</sub>	million metric tons of CO <sub>2</sub> equivalents	7.42	7.3
<b>Waste</b>			
Total waste generation	metric tons	751,640	773,328
Recycling rate (including thermal recovery)	%	45	45
Waste disposed of			
Through incineration	%	38	41
In surface landfills	%	17	14
In underground landfills	%	0.1	0
<b>Occupational safety</b>			
Lost time injury rate BASF SE incl. leasing employees and contractors	per 200,000 working hours	0.56	0.48
Fatalities (in total employees and contractors)		0	0

## Contact to BASF in Ludwigshafen

### In the web

These and other BASF publications can be found on the internet at: [basf.com/publications](https://www.basf.com/publications)  
Further information about the Ludwigshafen site you can find at: [basf.com/site-ludwigshafen](https://www.basf.com/site-ludwigshafen)

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### Social Media



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