

BASF PETRONAS Chemicals 2023 Facts & Figures

Sales

BASF PETRONAS Chemicals (in million €)

2023	2022
831	905

Employees (as of December 31, 2023)

		2023	2022
Employees BASF PETRONAS Chemicals		926	909
Up to and including 25 years	%	2.1	1.9
Between 26 and 39 years	%	44.4	46.4
Between 40 and 54 years	%	45.5	45.4
55 years and up	%	8.0	6.3
Gender: female	%	16.8	16.6
Gender: male	%	83.2	83.4

Our focus areas



Innovation

107

Innovative improvement ideas submitted by employees from all hierarchical levels of the company in 2023



Sustainability

5 Biomethane-Based Products

Received International Sustainability & Carbon Plus (ISCC+) certification



People

65

New hires from external market in 2023



Safety

8,122

Hazard hunt submissions in 2023
(by Employees & Contractors)

+161%

Growth in ideas submissions since 2018

54.0 MT

Spent Rhodium catalyst was recovered and recycled

46

Interns and graduate trainees in 2023

4,977

Contractors were trained related to safety in 2023

Remark: All data in "Our Focus Area" section, are derived from BASF PETRONAS Chemicals reporting data only.

Environmental protection, health, and safety

		2023	2022
Energy			
Electricity consumption	MWh	387,793	349,153
Steam supply	MWh	1,522,126	1,224,435
Fuel consumption	MWh	828,808	755,035
Emissions to air			
Greenhouse gas emissions	Metric tons of CO ₂ equivalents	520,815	439,368
Total non-GHG emissions	Metric tons	600.48	552.29
Water			
Emissions to water: organic substances (COD)	Metric tons	253.55	334.66
Emissions to water: nitrogen	Metric tons	0.66	1.40
Emissions to water: phosphorus	Metric tons	0.00	0.00
Emissions to water: heavy metals	Metric tons	0.00	0.39
Total water supply	Million cubic meters	4.94	4.44
Water used for production	Million cubic meters	3.46	0.54
Water used for cooling	Million cubic meters	240.64	283.04
Total water discharge by type	Million cubic meters	3.05	3.05
Waste			
Total waste generated	Metric tons	18,445	16,376
Waste recovered	Metric tons	18,022	15,837
Waste disposed of	Metric tons	423	539
Occupational safety			
High Severity Work Process Related Injury Rate (HSI) BASF employees, Agency Workers and Contractors per 200,000 HW		0.00	n/a
Fatalities (total)		0	0
Process safety			
High Severity Process Safety Incident Rate (hsPSIR) BASF employees, Agency Workers and Contractors per 200,000 HW		0.06	n/a

Remark: All data are based on BASF's statistical method. In general, the increase of figures in comparison to previous year due primarily to the increase in production level of specific process plant and its associated activities.

Further Information

You can find this publication on the internet at basf-petronas.com.my

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About this Factsheet

BASF PETRONAS Chemicals Factsheet 2023 - Including Toray BASF PBT Resins is published annually as a concise document about the company's development, progress and performance in regard to economy, ecology, and society.

The reporting period for this publication is the financial year 2023. All data in the report are the combined 100% total from BASF PETRONAS Chemicals and 100% from Toray BASF PBT Resins, which is located at the BASF PETRONAS Chemicals site, without BASF Services.