

# BASF PETRONAS Chemicals 2022 Facts & Figures

## Sales

BASF PETRONAS Chemicals (in million €)

2022	2021
905	1,130

## Employees (as of December 31, 2022)

		2022	2021
Employees BASF PETRONAS Chemicals		909	943
Up to and including 25 years	%	1.9	1.2
Between 26 and 39 years	%	46.4	49.1
Between 40 and 54 years	%	45.4	44.9
55 years and up	%	6.3	4.8
Gender: female	%	16.6	16.3
Gender: male	%	83.4	83.7

## Our focus areas



### Innovation

**48**

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



### Sustainability

**-14.7%**

Reduction of CO<sub>2</sub> emissions from production processes compared with the previous year



### People

**43**

New hires from external market in 2022



### Safety

**7,935**

Hazard hunt submissions in 2022  
(by Employees & Contractors)

**+20%**

Growth in ideas submissions since 2018

**79.37MT**

Spent Rhodium catalyst was recovered and recycled

**34**

Interns and graduate trainees in 2022

**8,931**

Contractors were trained related to safety in 2022  
(Major turnaround in 2022)

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

## Environmental protection, health, and safety

		2022	2021
<b>Energy</b>			
Electricity consumption	MWh	349,153	392,162
Steam supply	MWh	1,224,435	1,835,049
Fuel consumption	MWh	755,035	862,394
<b>Emissions to air</b>			
Greenhouse gas emissions	Metric tons of CO <sub>2</sub> equivalents	439,368	564,372
Total non-GHG emissions	Metric tons	552.29	662.41
<b>Water</b>			
Emissions to water: organic substances (COD)	Metric tons	334.66	326.63
Emissions to water: nitrogen	Metric tons	1.40	1.49
Emissions to water: phosphorus	Metric tons	0.00	0.00
Emissions to water: heavy metals	Metric tons	0.39	0.26
Total water supply	Million cubic meters	4.44	4.98
Water used for production	Million cubic meters	0.54	0.51
Water used for cooling	Million cubic meters	283.04	285.14
Total water discharge by type	Million cubic meters	3.05	3.34
<b>Waste</b>			
Total waste generated	Metric tons	16,376	16,273
Waste recovered	Metric tons	15,837	10,256
Waste disposed of	Metric tons	539	6,017
<b>Occupational safety</b>			
Lost-time injury rate per 200,000 working hours (BASF employees, leasing personnel and contractor)		0.04	0.23
Fatalities (total)		0	0
<b>Process safety</b>			
Process safety incident rate per 200,000 working hours (BASF employees, leasing personnel and contractors)		0.20	0.17

Remark: All data are based on BASF's statistical method. The comparative figures for 2021 have been adjusted to reflect updated data and/ or methodology.

### Further Information

You can find this publication on the internet at [basf-petronas.com.my](http://basf-petronas.com.my)

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#### About this Factsheet

BASF PETRONAS Chemicals Factsheet 2022 - 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 2022. 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.