

# BASF PETRONAS Chemicals 2021 Facts & Figures

## Sales

BASF PETRONAS Chemicals (in million €)

2021	2020
1,130	637

## Employees (as of December 31, 2021)

		2021	2020
Employees BASF PETRONAS Chemicals		943	1,017
Up to and including 25 years	%	1.2	2.7
Between 26 and 39 years	%	49.1	49.1
Between 40 and 54 years	%	44.9	43.3
55 years and up	%	4.8	4.9
Gender: male	%	83.7	83.2
Gender: female	%	16.3	16.8

## Our Focus Areas



### Innovation

**64**

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



### Sustainability

**26%**

Reduction of CO<sub>2</sub> emission from production process compared with the previous year



### People

**28**

New hires from external market in 2021



### Safety

**8,286**

Hazard hunt submission in 2021  
(By Employees & Contractors)

**60%**

Growth in ideas submission since 2018

**76.39Kg**

Spent Rhodium catalyst was recovered and recycled

**23**

Interns and graduate trainees in 2021

**4,248**

Contractors were trained related to safety in 2021

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

## Environmental protection, health and safety

		2021	2020
<b>Energy</b>			
Electricity consumption	MWh	392,162	436,627
Steam supply	MWh	1,835,049	2,007,499
Fuel consumption	MWh	862,394	1,661,876
<b>Emissions to air</b>			
Greenhouse gas emissions	Metric tons of CO <sub>2</sub> equivalents	564,372	758,499
Total non-GHG emissions	Metric tons	662.41	688.66
<b>Water</b>			
Emissions to water: organic substances (COD)	Metric tons	326.63	227.52
Emissions to water: nitrogen	Metric tons	1.49	1.40
Emissions to water: phosphorus	Metric tons	0.00	0.00
Emissions to water: heavy metals	Metric tons	0.26	0.39
Total water supply	Million cubic meters	4.98	4.01
Water used for production	Million cubic meters	0.51	0.49
Water used for cooling	Million cubic meters	285.14	324.29
Total water discharge by Type	Million cubic meters	3.34	2.51
<b>Waste</b>			
Total waste generated	Metric tons	16,273	10,447
Waste recovered	Metric tons	10,256	6,508
Waste disposed of	Metric tons	6,017	3,938
<b>Occupational safety</b>			
Lost Time injury rate BASF, leasing and contractor employees per 200,000 HW		0.23	0.26
Fatalities (total)		0	0
<b>Process safety</b>			
Process safety incident rate per 200,000 HW (BASF employees, leasing personnel and contractors)		0.17	0.37

Remark: All data are based on BASF's statistical method. The comparative figures for 2020 have been adjusted to reflect updated data and/ or methodology.

### Further Information

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

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### About this Factsheet

BASF PETRONAS Chemicals Factsheet 2021 - 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 2021. 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.