



2022 Facts & Figures Asia Pacific

01

BASF : Overview

02

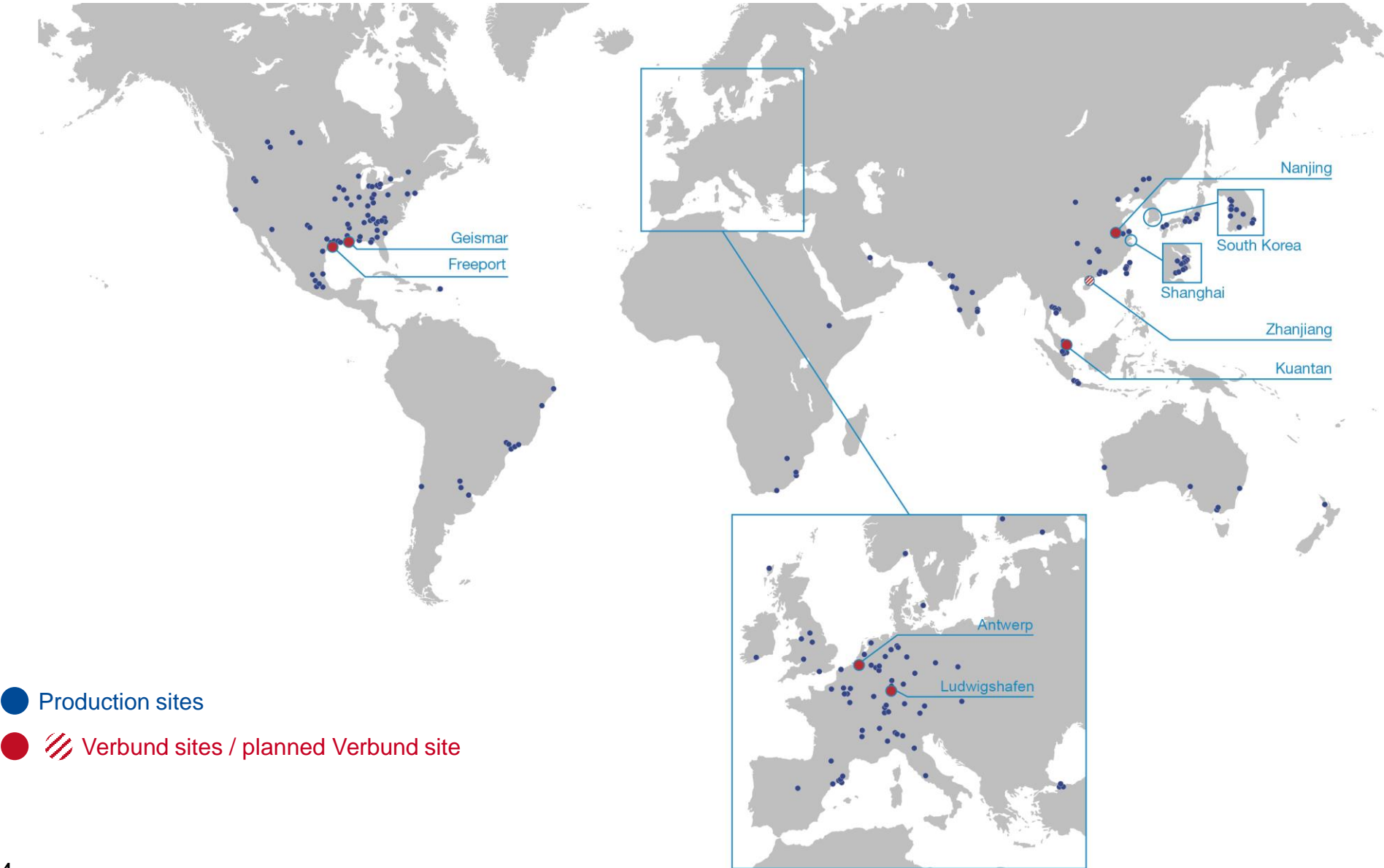
Markets and Verbund sites

BASF – We create chemistry

- Our chemistry is used in almost all industries
- We combine economic success, social responsibility and environmental protection
- Sales 2022: €87.3 billion
- EBIT before special items 2022: €6.9 billion
- Employees (as of December 31, 2022): 111,481
- 6 Verbund sites and 239 other production sites
- Around 82,000 customers from various sectors in almost every country in the world



BASF worldwide: Production and Verbund sites



BASF's segments



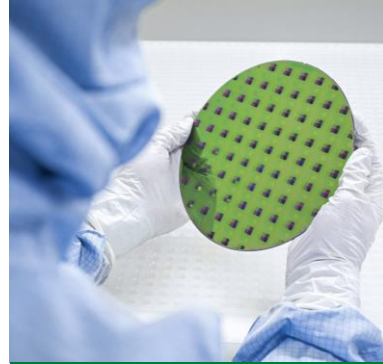
Chemicals

Petrochemicals
Intermediates



Materials

Performance Materials
Monomers



Industrial Solutions

Dispersions & Resins
Performance Chemicals



Surface Technologies

Catalysts
Coatings



Nutrition & Care

Care Chemicals
Nutrition & Health



Agricultural Solutions

Sustainability – We are shaping the transformation towards climate neutrality and a circular economy



Our target: **Net zero emissions** by **2050**.
By **2030**, we want to **reduce** greenhouse gas emissions by **25%** compared with 2018.*

- Investments of up to €4 billion by 2030
- Detailed roadmap focusing on five strategic levers

We aim at doubling our circular sales to reach **€17 billion** by **2030**.

- Recycled-based and renewable-based feedstocks
- Close and extend material loops

Innovation – new processes, technologies and products for a sustainable future

Research for future: Resource-efficient solutions and business models to decouple growth from the consumption of finite resources



Our success factors:

Customer focus,
digitalization,
creativity,
efficiency and
collaboration
with external
partners

Global expenditures for research and development over **€2.3 billion**, world leader in chemical industry

Approximately **10,000** employees world-wide involved in research and development

Around **1,000** new patents filed in 2022

Global Know-How Verbund with external partners

BASF Asia Pacific

At a glance



Present in **19** markets



~ **70** production sites*



20,452 employees**



~ **€21.7 billion** sales in 2022***

* Some sites are not shown due to scale. Site and office numbers refer to companies of significant size where BASF holds a stake greater than 50%.

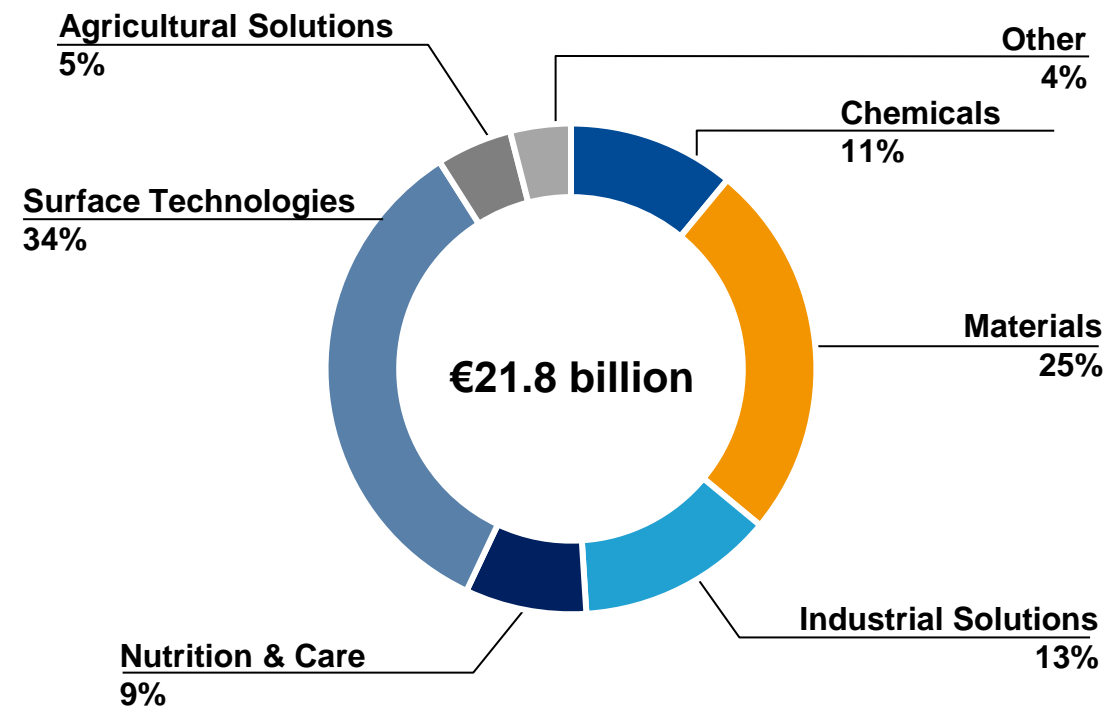
** Employee number as of December 31, 2022

*** Sales by location of customer as of December 31, 2022



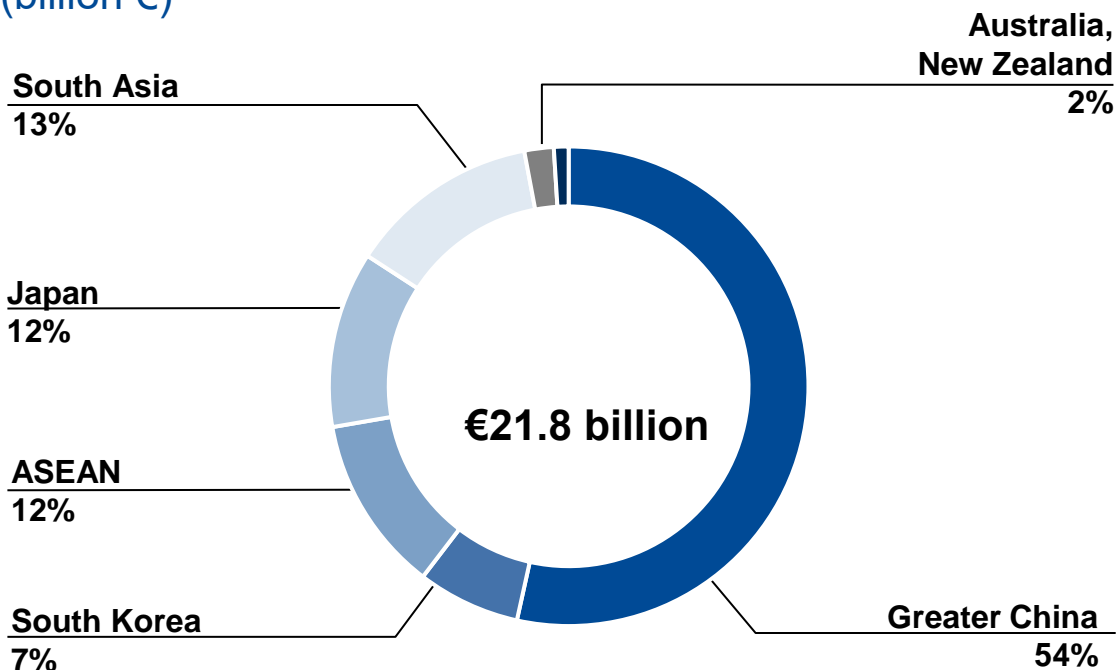
BASF Asia Pacific: 2022 sales*

Sales* by segment in 2022
(billion €)



*Sales to third parties by location of customer; figures do not include sales of joint ventures consolidated at equity such as BASF-YPC Ltd., Nanjing, China

Sales* by market in 2022
(billion €)



South Asia: India, Pakistan, Bangladesh, Sri Lanka

ASEAN: Singapore, Philippines, Vietnam, Thailand, Indonesia, Malaysia, Myanmar, Cambodia

Remark: Total percentage may not add up to 100% due to rounding

BASF in Asia Pacific:

Major R&D sites



Innovation Campus, Shanghai, China



R&D for chemicals and catalysis, materials, specialty chemicals, analytics, digitalization for R&D, Creation Center, open innovation

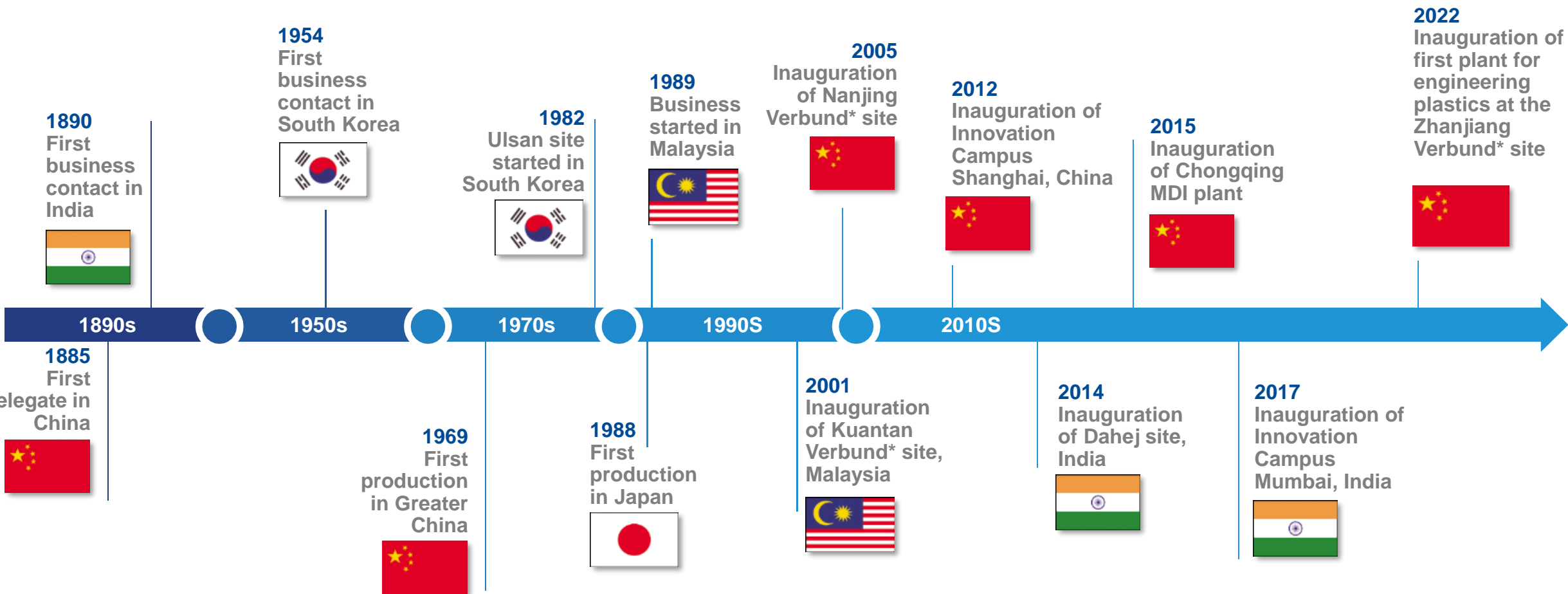


Innovation Campus Mumbai, India



Focus: Crop protection, process development, specialty chemicals, analytics, Creation Center

BASF is growing in and with Asia Pacific



*An integrated production complex where the manufacturing plants are interconnected to ensure that products, by-products and energy are used efficiently and intelligently, and that costs and environmental impact are minimized.

Greater China

Mainland China, Hong Kong, Taiwan



30 production sites*



11,411 employees**



~ €11.6 billion sales*** in 2022

*	Site number as of December 31, 2022
**	Employee number as of December 31, 2022
***	By location of customer as of December 31, 2022

All figures refer to BASF entities fully consolidated according to IFRS 10/11.



South Asia

India, Pakistan, Bangladesh, Sri Lanka



1 publicly listed company



8 production sites*



2,342 employees**



~ €2.9 billion sales*** in 2022

*
**

Site number as of December 31, 2022
Employee number as of December 31, 2022
By location of customer as of December 31, 2022

All figures refer to BASF entities fully consolidated according to IFRS 10/11.



BASF
We create chemistry

ASEAN

Singapore, Malaysia, Indonesia, Thailand,
Vietnam, Philippines, Myanmar, Cambodia



12 production sites*



4,132 employees**



~ €2.6 billion sales*** in 2022

*	Site number as of December 31, 2022
**	Employee number as of December 31, 2022
***	By location of customer as of December 31, 2022

All figures refer to BASF entities fully consolidated according to IFRS 10/11.



Japan



6 production sites*



923 employees**



~ €2.6 billion sales*** in 2022

*

Site number as of December 31, 2022

**

Employee number as of December 31, 2022

By location of customer as of December 31, 2022

All figures refer to BASF entities fully consolidated according to IFRS 10/11.



Korea



8 production sites*



1,221 employees**



~ €1.5 billion sales*** in 2022

*

Site number as of December 31, 2022

**

Employee number as of December 31, 2022

By location of customer as of December 31, 2022

All figures refer to BASF entities fully consolidated according to IFRS 10/11.



Australia and New Zealand



6 production sites*



374 employees**



~ €492 million sales*** in 2022

*	Site number as of December 31, 2022
**	Employee number as of December 31, 2022
***	By location of customer as of December 31, 2022

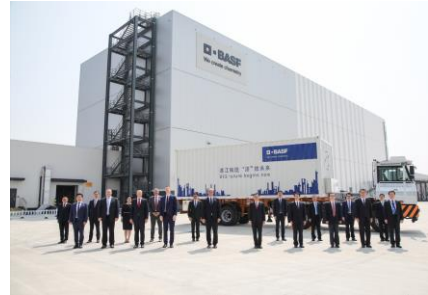
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BASF
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Verbund site Zhanjiang (under construction)

- 2022**
- September 6**
Announced the inauguration of its first plant
 - July 19**
Announced Final Investment Decision
 - May 30**
Start piling of the first plants
- 2020**
- November 23**
Official Project Commencement
- 2019**
- May 21**
Announced to build engineering plastics and thermoplastic polyurethanes plants as the first plants
 - April 30**
BASF Integrated Site (Guangdong) Co. Ltd. was officially founded
- 2018**
- January 10**
Framework Agreement signed in Ludwigshafen
 - July 9**
MoU signed in Berlin



- Integrated “Verbund” site with up to €10 billion by 2030; BASF’s largest investment and ultimately BASF’s third-largest site worldwide
- Steam cracker with capacity of 1 million metric tons of ethylene per year, and downstream solutions serving growing industries such as transportation, electronics and consumer goods
- The next start-up is planned for 2023 covering a plant producing thermoplastic polyurethanes (TPU); the whole Verbund site is planned to be completed by 2030
- Most advanced Verbund site with smart manufacturing concept; environment, health and safety concept according to BASF’s global standards and local laws and regulations
- Located in Zhanjiang, Guangdong province, to be operated under the sole responsibility of BASF

Verbund Site Nanjing

**Employees (BASF-YPC
Company Limited)**

2,113*

Site area

2.42 km²

Sales products

~ 3 million metric tons
p.a.

Road

21.8 km

Rail

4.2 km

Pipelines

457 km (outside)

Production facilities

33 production plants

Investment

5.5 billion USD



*Employee number as of December 31, 2022

Verbund Site Kuantan

Employees (BASF- PETRONAS Chemicals)	909*
Site area	1.36 km ² , Gebeng site 0.14 km ² , Port Tank Farm
Sales products	~ 680,000 metric tons p.a.
Road	17km
Pipelines	450 km (outside) 30 km (inside)
Production facilities	14 production plants
Investment	Phase 1: MYR 3.4 Billion Phase 2: MYR 2.0 Billion



**Employee number as of December 31, 2022. The data are 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.*



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