2022 Facts & Figures
Asia Pacific
BASF : Overview

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

- **Production sites**
- **Verbund sites / planned Verbund site**
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

* Scope 1 and Scope 2 (excluding the sale of energy to third parties, including offsetting)
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

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

Approximately 10,000 employees worldwide involved in research and development

Around 1,000 new patents filed in 2022

Global Know-How Verbund with external partners

Our success factors:
Customer focus, digitalization, creativity, efficiency and collaboration with external partners
Present in **19** markets

~ **70** production sites*

**20,452** employees**

~ **€21.7 billion** sales in 2022***

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* 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 €)
- Agricultural Solutions: 5%
- Surface Technologies: 34%
- Nutrition & Care: 9%
- Industrial Solutions: 13%
- Chemicals: 11%
- Materials: 25%
- Other: 4%

Total: €21.8 billion

Sales* by market in 2022 (billion €)
- Greater China: 54%
- South Korea: 7%
- ASEAN: 12%
- Japan: 12%
- South Asia: 13%
- Australia, New Zealand: 2%

Total: €21.8 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.

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

- **1890s**
  - 1885: First delegate in China
  - 1890: First business contact in India

- **1950s**
  - 1954: First business contact in South Korea
  - 1982: Ulsan site started in South Korea

- **1970s**
  - 1969: First production in Greater China
  - 1988: First production in Japan

- **1990s**
  - 1989: Business started in Malaysia
  - 2001: Inauguration of Kuantan Verbund* site, Malaysia

- **2000s**
  - 2005: Inauguration of Nanjing Verbund* site
  - 2001: Inauguration of Innovation Campus Shanghai, China

- **2010s**
  - 2005: Inauguration of Innovation Campus Shanghai, China
  - 2012: Inauguration of Innovation Campus Shanghai, China
  - 2014: Inauguration of Dahej site, India
  - 2015: Inauguration of Chongqing MDI plant
  - 2017: Inauguration of Innovation Campus Mumbai, India

- **2010s**
  - 2014: Inauguration of Dahej site, India

- **2020s**
  - 2022: Inauguration of first plant for engineering plastics at the Zhanjiang Verbund* site

*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.
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

All figures refer to BASF entities fully consolidated according to IFRS 10/11.
Verbund site Zhanjiang (under construction)

- **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

- **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

- **2019**
  - **January 10**
    - Framework Agreement signed in Ludwigshafen

- **2018**
  - **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**

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employees (BASF-YPC Company Limited)</td>
<td>2,113*</td>
</tr>
<tr>
<td>Site area</td>
<td>2.42 km(^2)</td>
</tr>
<tr>
<td>Sales products</td>
<td>~ 3 million metric tons p.a.</td>
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<tr>
<td>Road</td>
<td>21.8 km</td>
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<tr>
<td>Rail</td>
<td>4.2 km</td>
</tr>
<tr>
<td>Pipelines</td>
<td>457 km (outside)</td>
</tr>
<tr>
<td>Production facilities</td>
<td>33 production plants</td>
</tr>
<tr>
<td>Investment</td>
<td>5.5 billion USD</td>
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</tbody>
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*Employee number as of December 31, 2022
Employees (BASF-PETRONAS Chemicals): 909*

Site area: 1.36 km², Gebeng site 0.14 km², 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.