

GERMAN CHEMICAL PARKS

References of Investment

4. Testimonials of Investment

UPM Biochemicals

“There are not many regions globally where sustainable forestry management meets the chemical industry. Central Europe and Germany specifically stand out here. The practical advantages of the Leuna site include ample space of approx. 20 hectares, which is crucial for UPM’s operations, while utilities are supplied by the site service company at competitive prices, and its proximity to customers enhances logistical efficiency.”

Dr. Michael Duetsch, Vice President Biochemicals at UPM



Location Leuna Chemical Complex

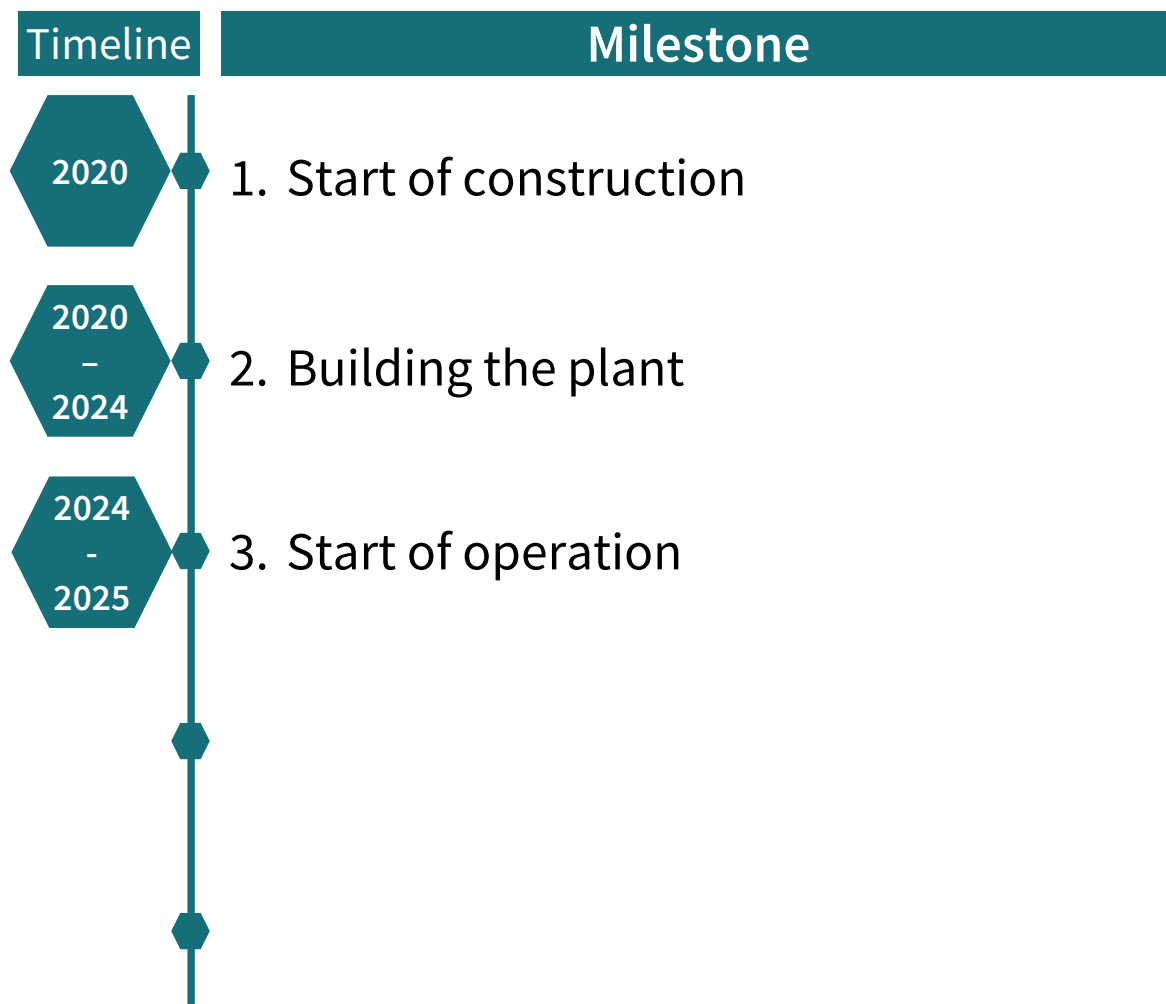


Factors for the Location Decision

- ◆ Provision of 20 hectares of settlement area
- ◆ Supply by the site service company at competitive prices
- ◆ Proximity to customers, which increases logistical efficiency
- ◆ Availability of regional, sustainably sourced biomass (hard wood)

4. Testimonials of Investment

UPM Biochemicals



Project Data

- Investment:
€ 1,180 million
- Product:
Next Generation Biochemicals: Renewable Glycols, Renewable Functional Fillers, Industrial Sugars
- Capacity:
220,000 tonnes / year
- Number of staff:
200

4. Testimonials of Investment Heraeus Quarzglas Bitterfeld GmbH & Co. KG

„Heraeus Bitterfeld is a technology-oriented company and an award winner 2016 for family friendliness. First investments were made back in 1991. Since then, Heraeus Bitterfeld has evolved constantly. The company will continue to invest at the location and hire new staff.“

Hagen Sandner, Senior Vice President



Location Bitterfeld-Wolfen



Factors for the Location Decision

- ◆ Chemical network („Verbund“)
- ◆ Existing good infrastructure
- ◆ Qualified, specialized staff

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4. Testimonials of Investment

Heraeus Quarzglas Bitterfeld GmbH & Co. KG

Timeline	Milestone
1991	1. Foundation stone laying for plant 1
1992	2. Launch of modul 1 Expansion of further modules – plant 1
2005	3. Launch of plant 2 Expansion of further modules – plant 2
2017	4. Start of construction new plant 3
2018	5. Planned launch of new plant 3

Project Data
Investment: since 1991 > € 600 million
Product: hollow cylinders from quartz glass for telecommunications
Export: China and USA
Number of staff: 539
The newly built plant 3 will create 70 new jobs

4. Testimonials of Investment Proseat Schwarzheide GmbH

„Proseat found a great total package at Schwarzheide. That was decisive for our location decision.“

Stefan Hünemann, President & CEO of the Proseat Group



Location Schwarzheide



Factors for the Location Decision

- ◆ Excellent infrastructure
- ◆ Optimal conditions for international investors
- ◆ Direct supplies of the raw material Neopolen® via pipeline
- ◆ At the location: technology and competence centre of the plastics industry of BASF and Fraunhofer Gesellschaft
- ◆ Existing well-developed infrastructure
- ◆ Well qualified staff

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4. Testimonials of Investment Proseat Schwarzheide GmbH



Project Data

- Investment:
€ 10 million
- Product:
moulded parts from expanded polypropylen (EPP) for the automobile industry
- Number of staff:
70 (planned) currently 40
- Launch of production:
2015
- Planned:
expansion of production

4. Testimonials of Investment

Clariant Produkte (Deutschland) GmbH at the GENDORF Chemical Park

"Why does Clariant invest in the GENDORF Chemical Park? Because here we find everything that brings us ahead in competition. With the site operator InfraServ Gendorf we also have a partner who takes care of the tasks around our core business. this allows us to focus on what we do best: developing and manufacturing our more than 1,000 products. The many advantages make the GENDORF Chemical Park a central pillar in our global production network."



Dr. Stephan Trautschold, Site Manager Clariant in GENDORF



Factors for the Location Decision

- ◆ Saving resources through production and materials network
- ◆ Sufficient free and expansion areas
- ◆ Infrastructure optimally tailored to the needs of a chemical company

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4. Testimonials of Investment

AMG Lithium GmbH in Höchst

„AMG Lithium GmbH strives to become the #1 supplier for the battery market in Europe, with battery-grade lithium hydroxide and high-performance battery materials of the next generation. At the Höchst site, we are developing these materials in a state-of-the-art laboratory. Environmental protection, safety and sustainability are top priorities. This is how we want to reduce CO₂ emissions: with our products that make energy storage more capable and economically viable, and also for our own activities in product design, manufacture and transport along the entire supply chain."

Dr. Stefan Scherer, CEO, AMG Lithium GmbH



Factors for the Location Decision

- Central location in Europe (airport, logistics, proximity to customers)
- Tailored infrastructure for the operation of laboratory and administration
- Flexible options for expanding our locations according to company growth

AMG Lithium Location at Industrial Park Höchst: Administration und Laboratory

4. Testimonials of Investment

AMG Lithium GmbH in Höchst (Laboratory B596)



Project Data
Investment laboratory: ~ 5 million €
Products: Lithium hydroxide BG, sulfide materials for batteries
Focus on the developing battery market in Europe
Number of staff: 30 (2021)

4. Testimonials of Investment

ARCUS Greencycling Technologies GmbH in Höchst

“A professional environment with good operation experience and an orientation to start-ups – such as Industriepark Höchst – is a decisive component in scaling up our technology.”

Markus Klatte and Daniel Odenthal – Founders of ARCUS Greencycling Technologies GmbH



Factors for the Location Decision

- ⬢ (Petro-)Chemical infrastructure and individual services at the site
- ⬢ Consistent support in project planning and implementation
- ⬢ Open mind for technology innovations

Location at Industrial Park Höchst (in construction)

4. Testimonials of Investment

ARCUS Greencycling Technologies GmbH in Höchst



Project Data
Investment: ca. 4.5 million €
Product: Pyrolysis oil for the petrochemical industry from mixed plastic wastes
Capacity: 4,000 tonnes p.a.
Number of staff: 19 – 15
Launch of production: Mid-2022

4. Testimonials of Investment Tradebe GmbH

„We are proud to strengthen the circular economy as a partner of BASF in Schwarzheide!“

Dr. Volker Sernau, Plant Manager Tradebe GmbH



Factors of the location decision

- ◆ Circular economy potential
- ◆ Direct integration at the most important customer
- ◆ Excellent infrastructure
- ◆ Well-developed disposal infrastructure
- ◆ Outstanding logistics links by road and rail
- ◆ Well-qualified expert staff

© Tradebe GmbH

4. Testimonials of Investment Tradebe GmbH

Timeline	Milestones
2016	1. First contact
2017	2. Feasibility evaluation on the recycling of materials from production residues
2018	3. Start of large-scale plant trials
2019	4. Takeover and start of conversion of a former BASF plant
2020	5. Construction and launch of a distillation plant/ramp-up
2021	6. Continuous production

Project Data
Investment: 6 million €
Products: Toluene (99.9%), monochlorobenzene (99.5%)
Number of staff: 20
Launch of production: 2020
Plans to expand the product portfolio