

SITE MASTER PLANNING



INNOVATION

ENGINEERING

OPTIMIZATION

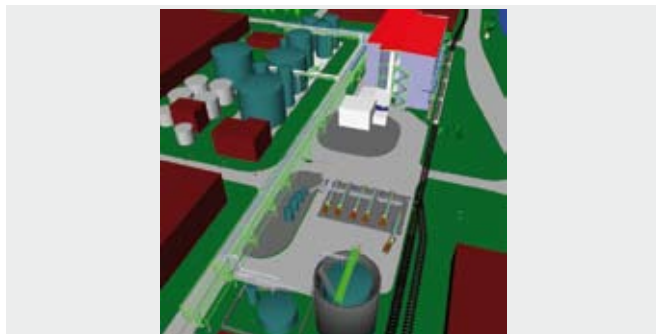
We support decisions for investments by a comprehensive consideration of both the site world and the project world

Our service ...

We draft long-term concepts that will ensure the attractiveness and sustainable development of your production site enduringly. We provide support in the selection of new sites and a comparison of sites to provide a solid basis for your investment decision.

Our master plans include such things as:

- long term concepts for site development with the focus on efficiency, safety and security, and environmental sustainability
- concepts for site utilization and the internal structure via division into suitable blocks with regard to the functions on-site;
- routes to ensure supply and disposal and internal structuring of the individual blocks under operational aspects as accessibility, maintenance, expansion and third party utilization.



Biodiesel project in the CHEMPARK Leverkusen

Our planning activities also take into consideration the influencing of and connection to the external infrastructure, such as access roads, rail sidings and docks. Our planning naturally also includes the possible impact of the site on neighboring facilities and the surrounding area and vice versa as well as safety and environmental protection aspects.



Aerial view of the Bayer Bitterfeld site

... is your gain.

Based on our analyses, you can select the best suitable site for your investment – from both a strategic and technical standpoint. We draw up binding master plans that form a reliable basis for the optimum development of the site and a guideline for investments – including long-term ones. Our planning forms the clue for maximum revenues with minimum investment and minimum intermediate inputs.



Bayer Technology Services
Powering Your Performance

Leave the optimization and realignment of your site and integration of investment projects into existing site structures to us. In grouping the required expertise we will ensure that all your requirements are taken into consideration.

We will provide

- an evaluation of sites in-line with the market and support for make-or-buy decisions to increase the economic attractiveness of your site
- concepts of site-utilization for development and economic management of sites
- an infrastructure that meets the requirement and the demands placed on it and has high availability. Production and material flow will be optimally integrated.

We will source all of the specialist services required for a complex site structure so that you can concentrate on your business.

Our approach

Our comprehensive and iterative jointly with our clients consideration of both the external and internal structure and the processes will lead to an optimal alignment of your site. Our experience with more than 200 site concepts with differing production profiles will ensure the success of your project.

Our concepts and plans are based on mathematical models that have been derived using data from existing sites. They are based on our experience in establishing, developing and managing integrated industrial sites as well as Pharmaceutical, Chemical and Industrial Parks.

References

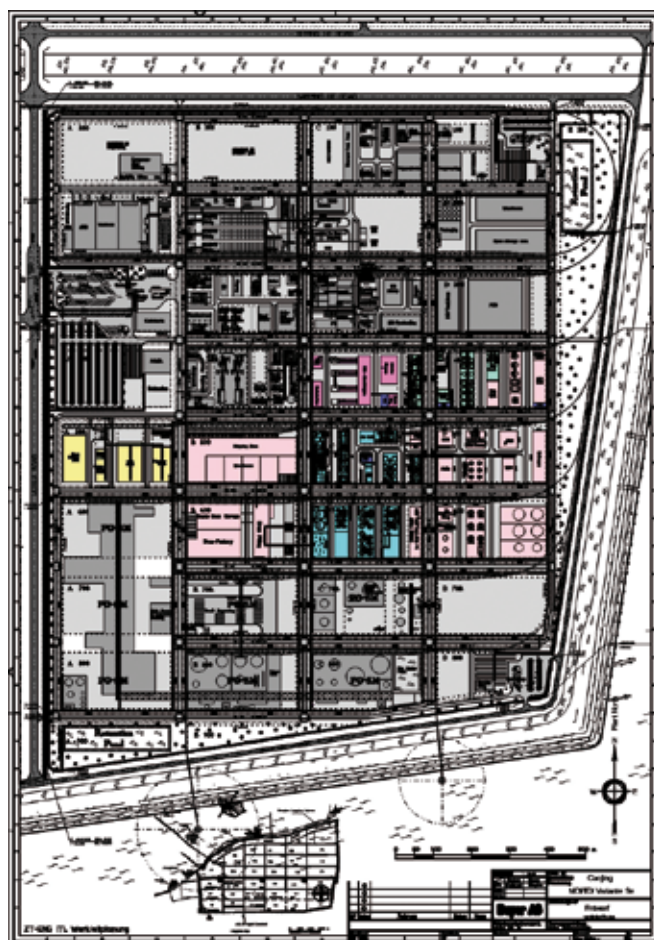
Site development plans have been drawn up and strategic studies carried out for over 200 sites within the chemical and pharmaceutical industries in Europe, the USA and Asia and integrated sites of the chemical industry

- establishment of Bayer Industrial Park in Brunsbuettel/Germany
- concept of a Chemical Park on Jurong Island/Singapore
- establishment of Bayer integrated site in Caojing/China
- development of a 3 ha site for the formulation of cropprotection products in Ukraine
- establishment of Bayer Industrial Park in Brunsbuettel
- concepts for various chemical sites in China, India, and Germany

We have been responsible for the master planning of new sites in Beijing, Chengdu, Shanghai and Sichuan Province, China; Bitterfeld and Brunsbüttel, Germany; Canlubang, the Philippines; Rosia, Italy; and Vietnam.

Reengineering of existing sites in Germany as

- restructuring of a 15 ha site for fine chemicals production in hillside situation in Goslar/Germany.



Site Master Plan of the Caojing site, P.R. China