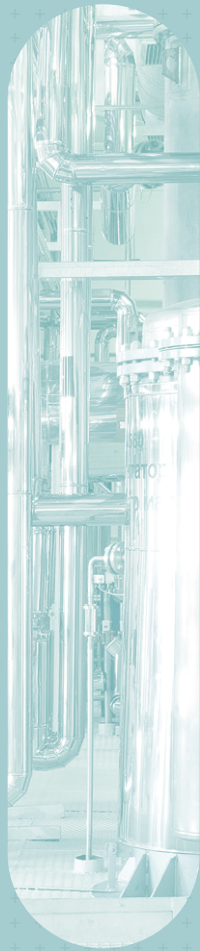




your vision. our know-how.



Pharmacy & Life Science

Engineering in regulated environments for  
your GMP-compliant plant.

# Our competences and tools

We have the necessary competences and tools for every project phase, and can provide our customers with all they need as a modular or all-in package. Thanks to our broad portfolio we are able to model the technical complexity in any project in the process industries and meet the market's exacting requirements in terms of efficiency and time management.

Quality management

## **PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT**

MS Project, Primavera, Roser

## **PROCESS ENGINEERING/ EQUIPMENT**

Aspen, Sinetz, Conval, SIR 3S

## **STRUCTURAL ENGINEERING/HVAC**

Nemetschek, Frilo (Statik), Dlubal Rstab,  
MicroStation, Pro Structure

## **CALCULATION AND DESIGN**

Caesar II, Rohr2, FEPIPE, Nozzle Pro,  
DIMY, Lauterbach, Sinetz

## **LAYOUT AND PIPING**

PDS 3D, Smart 3D, PDMS, PlantSpace 3D,  
MicroStation, AutoCAD, SUcad+,  
Frameworks+, ADP,  
SmartPlant Review, Navisworks

## **E & I, DCS**

EPlan P8, EPlan PPE, Siggraph, Planeds,  
Conval, S7, PCS7

## **CAD**

Comos PID, AutoCAD, MicroStation,  
PDS, SmartPlant PS&ID,  
PlantSpace PS&ID, PDMS  
PlantSpace Isometrics

Change management

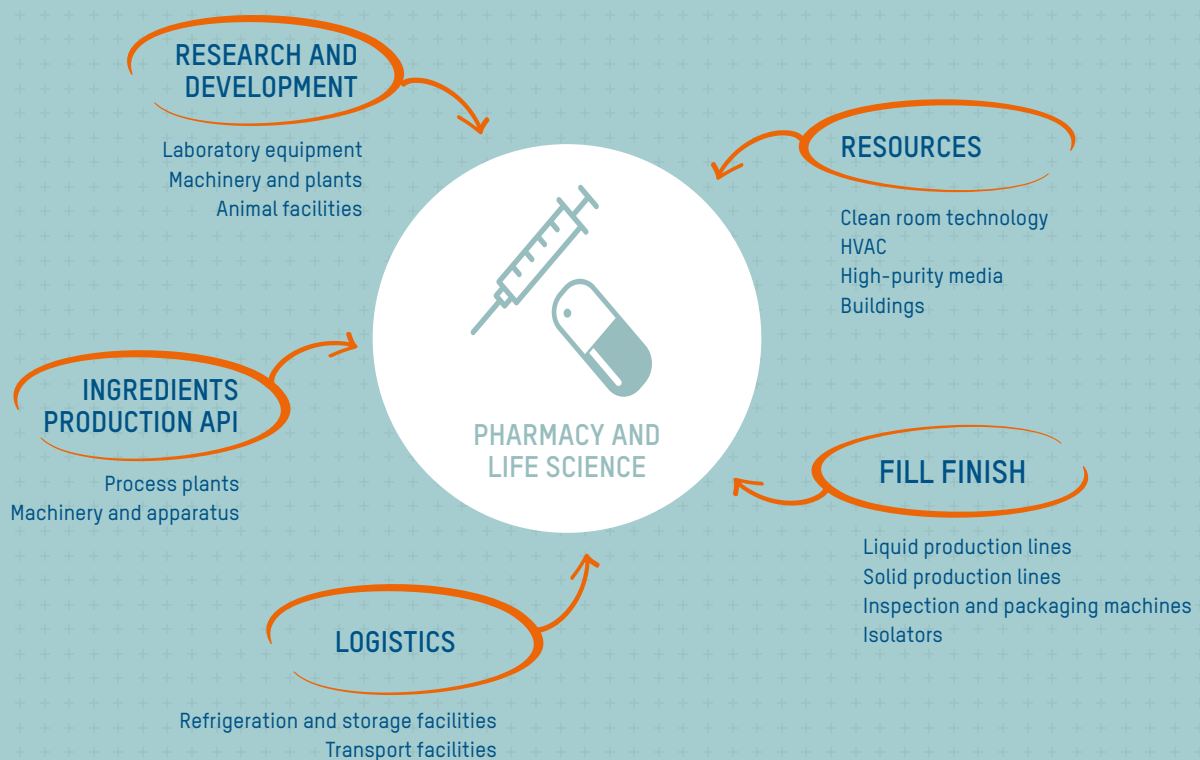
# Quality, experience and industry expertise for your project

Backed by over 30 years of experience, we plan and optimise process plants with great success. We cover the diverse requirements of our target industries with a broad portfolio of competences, skills, experience and project types.

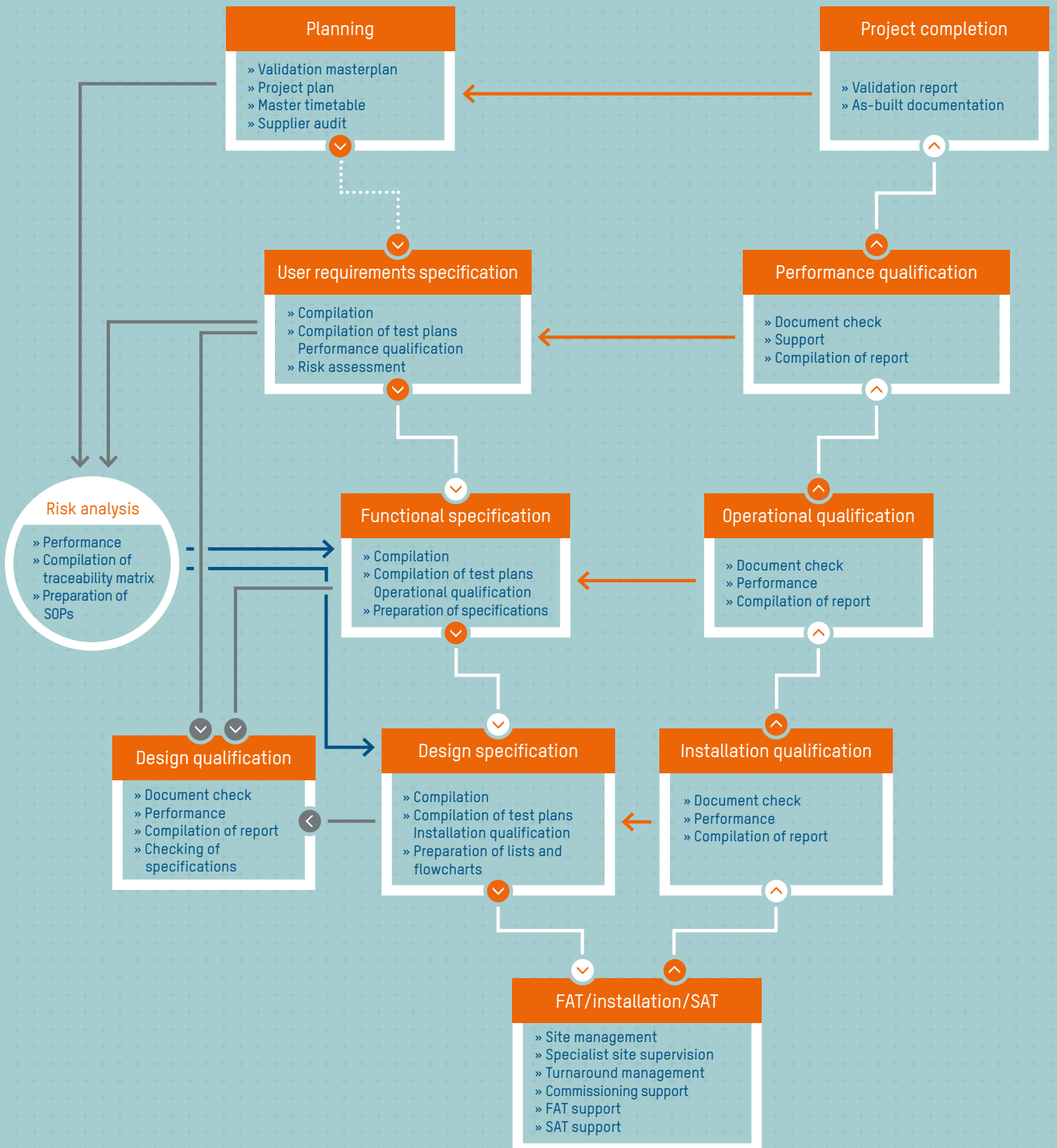
planting provides expert support for plant operators, with more than 400 experts from every discipline within plant engineering. Our guiding principle is that we work as a general planner, on the detail and in production-related planning as an independent service provider and partner for the process industries.

planting stands for quality – and that includes regulated environments.

We support customers in every project phase, from the user requirements specification (URS) and risk analysis to complete planning and execution, as well as design, installation and operational qualification (DQ, IQ, OQ). Whether planning an entire package or partial projects – we turn pharmacy and life science projects into reality, at the very highest level.

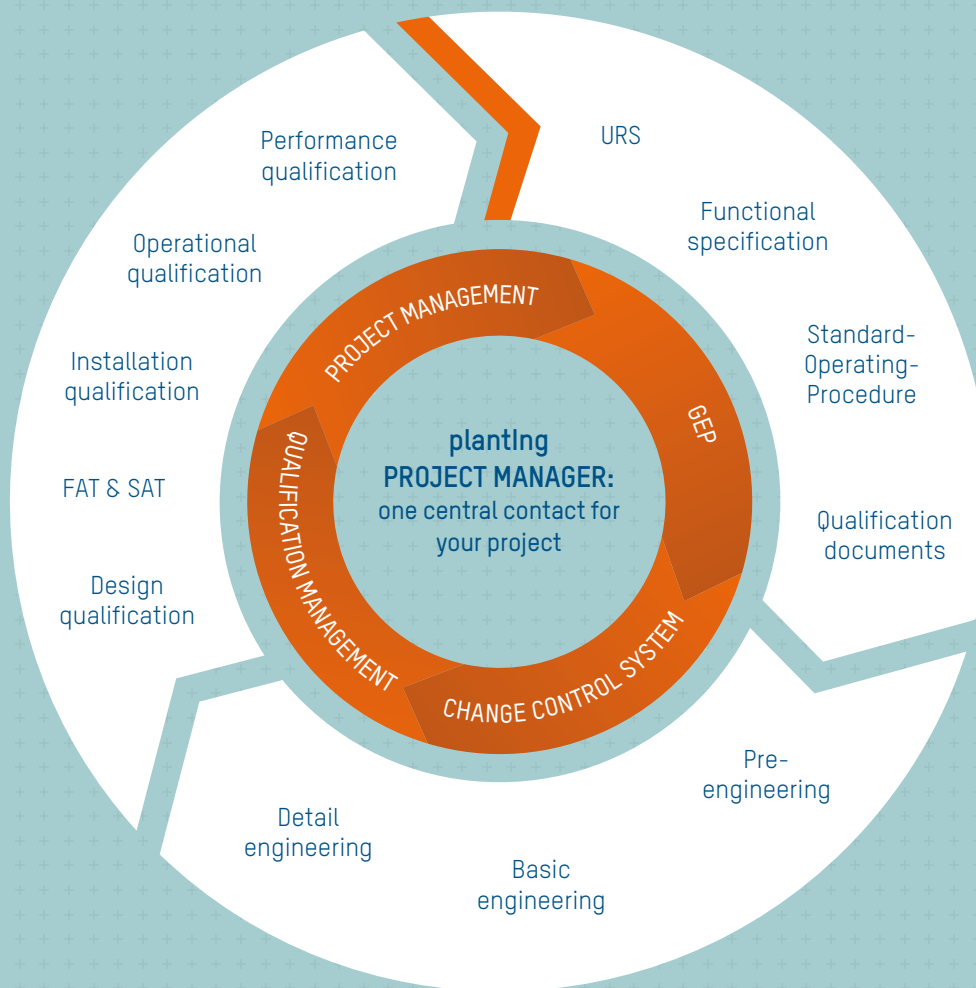


# Our understanding of the project sequence: the planting V-model



# Our know-how for your GMP project

One of our success factors is the smooth interaction between project management, engineering and qualification management. All changes are processed with an effective change control system and are clearly documented.



We provide a central project manager for your project. As the interface between the various contract sections and services phases, the project manager maintains a comprehensive overview of costs, project progress and compliance with health and safety regulations. The advantages for you are plain: personal contact, a clearly defined interface, consistent planning and an all-encompassing validation approach. A big package with extensive services. To enable us to meet these requirements for your projects, our team is made up of highly qualified, specialised staff. Training and continuing professional development is carried out partly at our own in-house academy. Thanks to this, solutions to meet the market's many rapidly evolving needs can be incorporated into your project directly, without delay.

# How to find us

Our sites are located in the most important industrial regions in Germany, and we also work at over 100 customersites.



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