

# Industrial Biotechnology Facilities

### Concept, Design and Turnkey Delivery

### Exyte – plant design and construction

Exyte is a global leader in design, engineering and construction in the life sciences industry with a special expertise in controlled and regulated environments. With great teamwork our experienced specialists develop 'state-of-the-art' solutions for customers' biotech facilities — from consulting, concept and design to full turnkey project realisation including qualification and validation.

### Integrated project delivery

Are you seeking a complete package or an individual solution? For us at Exyte it doesn't matter if we are dealing with a small reconstruction job or a full turnkey realisation – we ensure smooth project execution in any case. Integrated project teams develop tailor-made individual as well as complete solutions and implement them with high quality. This means that your project – no matter the size – will always benefit from a broad network of experts and shared best practices, making sure your job gets done on time and within budget.



### Full Spectrum of Services

Consulting & Planning

Engineering & Design

Project & Construction Management

Equipment & Services

Commissioning, Qualification & Validation

#### **Reference Clients**

## Industrial Biotechnology Facilities

### Planning and Realising Investment Projects

## Your experts for the industrial biotechnology

- From research campus to major production plant
- Mono- or multiproduction plants
- Hygienic design
- High-volume stainless steel fermentation

### We help you manage your challenge

- Time to market
- Regulatory compliance
- Cost efficiency
- Budget commitment
- Global experience

#### How you benefit

- Implemented Exyte quality management
- Realisation during ongoing operation
- Flexibility and cost optimisation
- Highly efficient processes
- High plant availability
- Customised plants
- Tailored 5D models

### Solutions for your projects and processes



Amino acids and enzymes for the feed industry

Lysine Threonine Tryptophan Phytases



Organic acids & fatty acids for fine chemicals

Citric acid Lactic acid Dicarboxylic acids



Starter cultures for the food industry

Yeasts Fungi Bacteria



Algae & derivatives

Astaxanthin and fatty acids from micro algae for feed and food Carotenoids from micro algae for cosmetics



Sugar and starch industry

Bioethanol plants Conception for forward and backward integrated biorefineries



Bioplastics & surfactants

Polyactic Acid (PLA) Biosurfactants for detergents