

Ypso-Facto, Your Process Secured and Optimized... it's a Fact

ABOUT YPSO-FACTO

Ypso-Facto is a company helping industrial firms to develop, optimize and secure their chemical and bio-processes.

We commit to keeping our interests aligned with the ones of our customers. For this reason, we remain deliberately free from industrial property rights, production assets, laboratories and equipment manufacturing.

GPX® - A UNIQUE APPROACH

By experience we learnt that each project is unique and requires a specific approach. However, in the end, the possible levers to address industrial challenges are:

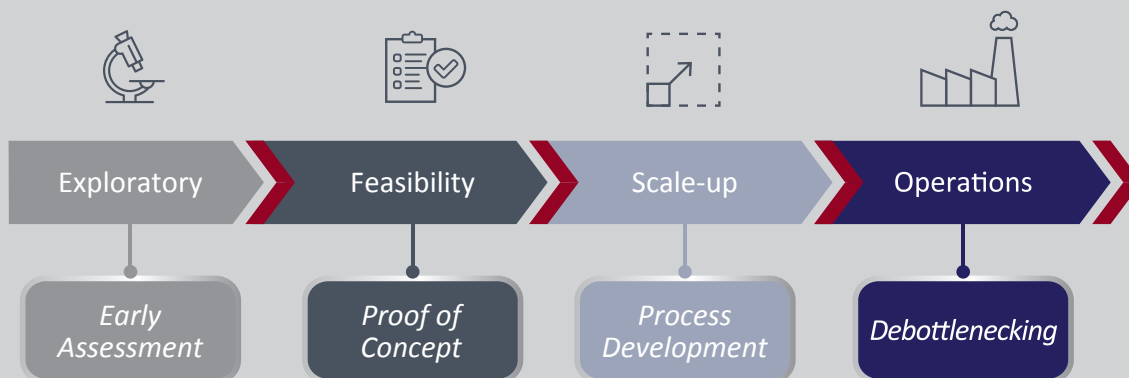
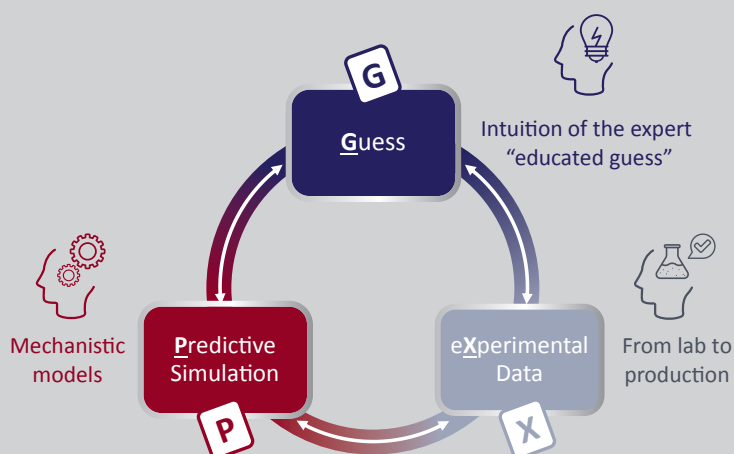
- **Guess**, the ability of the experts to propose, anticipate, imagine... some routes or performances
- **eXperimental data**, the hard foundation of the project, which needs to be well targeted, structured and analyzed
- **Predictive simulation**, to complement and catalyse the previous levers where and when needed

By associating these three levers in an efficient and seamless way (the so called GPX®), Ypso-Facto offers a unique approach to streamline process development with agility and reliability.

The GPX® allows delivering the appropriate level of information in the course of a project, in a way enabling to capitalize on all the information available throughout the evolution of a project.

The GPX® is the foundation of all our activities, be they consulting or developing software tools.

Leveraging 3 complementary means to address your challenges



An involvement from conception to production

We have two complementary and synergetic offers:

- **Scientific and technical consulting**
- **Comprehensive software suite** for the development and evaluation of processes

Depending on the project requirements, we propose a blend of technical & scientific guidance, field support, cutting edge software tools, training and, as the case may be, we select and manage external partners.

With Ypso-Facto, our clients get a single point of contact for the whole project and full access to the information generated.



SCIENTIFIC AND TECHNICAL CONSULTING

We assist our customers for subjects as diverse as brainstorming for conceiving new routes or new applications, scaling-up in a rational way, optimizing an existing path, or troubleshooting and debottlenecking.

We tackle processes in a collaborative approach with our clients.

We are:

- **Result-oriented:** our scientific experts cultivate a creative and open mindset to identify the best technical solution across a wide range of technologies and methodologies
- **Challenge-driven:** when quantified technical challenges are identified, we are open to success fees compensation for an optimal interest alignment

SOFTWARE: OUR PROCESS EXPERTISE ON YOUR DESKTOP

We offer software aimed at handling technical data and information, designing and optimizing processes, evaluating different options technically or economically.

Two commercial software are already available:

ChromWorks™ for chromatographic processes and **Ypso-Ionic®** for ion-exchange processes. They offer best in class mechanistic modeling and optimization via user friendly interfaces.

We are finalizing the development of an ambitious project named **Ypso-Proxima®**. It addresses any type of processes in a way to:

- Deliver the required level of apPROXIMATION at each phase of a project thanks to the GPX®
- Ease collaboration between different stakeholders and create PROXIMity thanks a combination of data gathering and analysis, process design and process evaluation modules and adequate interfaces

With PROXIMA we ambition to drive the Life Science Industries in a new age.

TRACK-RECORD

We have successfully completed over 100 projects along the years with an extended variety of technical and industrial challenges, and covering diverse industries and applications such as:

- > **Life science industries:** pharma, biopharma
- > **Fine chemical industries:** cosmetics, F&F
- > **Industrial biotechnology:** food, bio-based chemicals

We daily address various processes including:

- > **Chemical and bio-transformation:** various chemical reactions, homogeneous and heterogeneous catalysis, fermentation, cell culture, enzymatic processes
- > **Purification and separation:** distillation, ion exchange, chromatography, crystallization, filtration

And more...

Contact us to discuss your project:

YPSO | FACTO®
Your Process
Secured & Optimized

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