



IOI OLEOCHEMICAL

# AN IDEA. OUR EXPERTISE. YOUR PRODUCT.

THE R&PD DEPARTMENT  
AT IOI OLEO GMBH

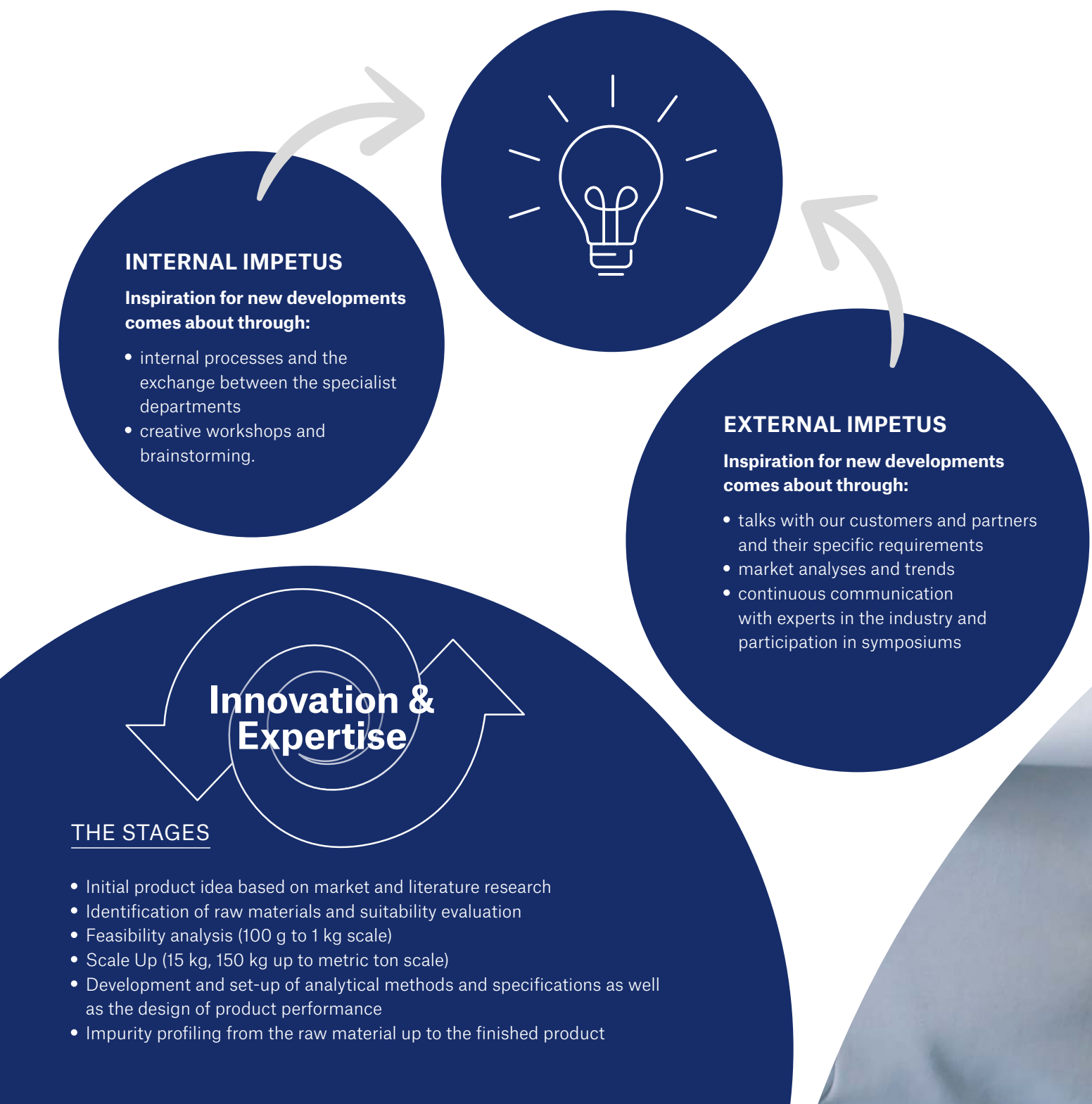
## YOU KNOW YOUR APPLICATION; WE KNOW OUR PRODUCT – A REALLY GOOD COMBINATION!

IOI Oleo GmbH is known for its high-quality oleo-chemical specialties, and its products are regarded as the benchmark in numerous areas. Through continuous research on existing products and innovations, but also due to rapidly changing market

requirements, IOI Oleo GmbH offers its partners and customers the latest solutions.

At our cGMP site in Witten, our 14-strong R&PD team applies state-of-the-art technologies that enable it to react proactively to trends and customer requirements.

## WHAT DISTINGUISHES US? INNOVATION AND EXPERTISE!



## SUSTAINABLE PRODUCTS AND FORMULATIONS – THAT’S OUR THING!

**Decades of expertise in the field of product development:** Through state-of-the-art technologies, we are able to react proactively and immediately to new or updated regulations, market requirements and customer needs.

## PROCESS DEVELOPMENT DOESN'T END IN THE LABORATORY! THE PILOT PLANT AT IOI OLEO GMBH

Besides our expertise in the area of synthesis and product development, we have increasingly expanded the area of scale-up and process development in recent years.

The installation of a cGMP-certified 150 kg pilot plant in 2021 has enabled Research and Development to depict the idea from the laboratory through to pilot plant scale, in particular for clinical studies.

Thanks to the design of the plant, both liquid and solid products (SmP up to 80 °C) can be processed and variable batch sizes from 50-150 kg realised.

## YOUR ADVANTAGES:

- Accompanying analysis & characterisation from the raw materials to the product and on to formulation
- Implementation of customer-specific requirements
- Optimisation or new development of raw materials regarding specific parameters and regulatory requirements
- Long-standing experience in the area of scalability of the product development and thus less development risk
- Provision of larger material quantities for your development and scale-up activities
- Shorter project durations
- Possibility of contract manufacturing
- Production and provision of cGMP material for clinical studies



The R&PD department is always glad to be of assistance for your ideas or specific concerns. Together with you, we will develop an innovative solution!

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