



BIOMAN<sup>4R2</sup>



# Success Story

FINANCIAL SUPPORT PROGRAM



*“The development of new pharmaceutical drugs is time-consuming and costly. Pharmaceutical GMP production process knowledge is essential but often lacking. As a result, the **transition from idea to product often fails** or faces significant delays. Additionally, support is often desired for **scaling up production**. This project aimed to greatly reduce the pharmaceutical development time and costs and **increase the chance of success by setting up a European joint supply chain for the GMP production of biologicals that can be produced via microbial fermentation.**”*



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## RESILIENCE FOR REGIONAL BIOMANUFACTURING AND MEDICAL TECHNOLOGY ECOSYSTEM

*„The knowledge gained in this project opens opportunities for the co-development of new proteins. It paves the way to act as a combined CDMO partner for the development and production of the **next generation (pharmaceutical) recombinant proteins**. Ultimately, this partnership could result in a European Knowledge platform for the **manufacturing of pharmaceutical recombinant proteins**. Resulting in a strengthened competitive market position, and a more cost-effective supply chain for biological drug development.“*

### IMPACT

*“The **BioMan4R2** allowed and accelerated the development of our first European **joint supply chain** for the production of proteins. In this initial project a typical supply chain development for biologicals (here human serum albumin) was covered, starting from strain development until fill&finish. This validates the strategy to work towards a new value chain for the efficient co-development of new (pharmaceutical) products. That can be translated to other protein products.“*



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