**COGNITIVE PLATFORM TO ENHANCE 360°
PERFORMANCE AND SUSTAINABILITY OF
THE EUROPEAN PROCESS INDUSTRY**

**COGNIPLANT**

# COGNIPLANT PROJECT

The COGNIPLANT solution will provide a hierarchical monitoring and supervisory control. The solution will give a comprehensive vision of the plants' production performance as well as the energy and resource consumption. Advanced data analytics will be applied to extract valuable information from the data collected about the processes and their effect on the production plants' overall performance enabling to design and simulate operation plans in digital twin models based on the conclusions. As a result, optimal operation plans will be obtained that will improve the performance of those cognitive production plants.



# OUR AMBITIONS

- Digitalisation in the European process industry
- Digital retrofitting
- Optimisation methods to distributed targeted process monitoring
- Advanced data analytics
- Development of digital twin
- Cognitive reasoning and reactive scheduling



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