



AI CUBE

ARTIFICIAL INTELLIGENCE AND BIG DATA CSA FOR PROCESS INDUSTRY USERS, BUSINESS DEVELOPMENT AND EXPLOITATION



CONSORTIUM



BY PNO GROUP



THE PROJECT

The overall objective of AI-CUBE project is to contribute harnessing and optimizing the potential of AI and BD in the European process industry. AI-CUBE will define roadmaps that will serve as guidance for researchers, managers, and operators, and include specific recommendations on how to boost digital technologies development in SPIRE industry functions and processes. To achieve this goal, the specific objectives of AI-CUBE are:

- Draw the multi-dimensional AI and BD map, the "CUBE", that will plot out available good practices and assess the current state-of-play and level of penetration of AI and BD within the different organizational processes across SPIRE process industry sectors.
- Build on identified good practices to develop future AI

and BD business cases and define a roadmap of the RD&I actions needed in each SPIRE sector.

- Detect the white spots of AI and BD solutions that can be covered adapting good practices from other process industries, outlining an adaptation roadmap.
- Define the data requirements, skills and RD&I requirements for future AI and BD business cases to emerge within the different process industry sectors.

All these will converge into 8 AI and BD roadmaps, one for each SPIRE sector, indicating a route map and practical recommendations on AI and BD business cases, transferability of good practices from other industries, data, skills and RD&I requirements, in line with the A.SPIRE 2050 vision.

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