



These projects have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreements N° 869931, 870130, 869886, 869815



December 16, 2020 – 9.00-11.30

Digital technologies for improved performance in cognitive process industries: Four innovative approaches to this SPIRE PPP topic



The European Process Industry represents the economic roots of the European economy, bringing economic and social value by transforming raw materials into intermediate and end-user products. Our society needs them to address the current challenges in housing, transport, energy etc.

Having a high dependence on resources (energy, raw materials and water) and striving for long-term sustainability, the Process Industry has a clear and urgent need to improve efficiency and competitiveness.

The COGNIPLANT consortium, together with INEVITABLE, HyperCOG and COGNITWIN projects, is proud to hold a workshop on the 16th of December (9.00-11.30 AM CEST), to discuss general aims of the SPIRE call and common strategies among the projects. These projects aim to develop new technologies to implement cognitive production plants, with improved efficiency and sustainability, exploiting smart and networked sensor technologies, intelligent handling and online evaluation of various forms of data streams as well as new methods for self-organizing processes and process chains. Each project will be presented and the session will be concluded with a round table.

The webinar will provide the audience with a unique view of the latest developments in this field as well as introduce them to the people developing this vital technology. It's a must-see event.

This collaboration also provides a double benefit by allowing projects to fine tune their strategies and improve their competitiveness. As such, our goal is to hold this kind of session every year, involving more and more projects.

The webinar is free of charge and you can register below:

<https://attendee.gotowebinar.com/register/775012072771433488>

Please be aware that the event will be recorded, in order to allow those who cannot attend to enjoy the event.

16th of December 2020

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09:00 -**Welcome statement** (Mrs Monica Spinu, European Commission)

09:10 -**Workshop introduction and overview (general aims of SPIRE call and common strategies among the projects)** (William Davis, Insight Media, HYPERCOG dissemination leader)

09:30 **Project presentations**

1. 15 **COGNITWIN** (Frode Brakstad, Sintef, Project coordinator)

5' Q&A

2. 15' **HYPERCOG** (Fran Huertos, Lortek, Project coordinator)

5' Q&A

3. 15' **COGNIPLANT** (Pedro Maria De la Peña Tejada, IBERMATICA, Project coordinator)

5' Q&A

4. 15' **INEVITABLE** (Dejan.Gradisar, Jožef Stefan Institute, Project coordinator)

5' Q&A

10:50 – **Roundtable (synergies, commonalities, way forward, future involvement of other sister projects, CAPRI and FACTLOG)** (Stefano Ellero, Stam Srl, COGNIPLANT technical partner)

11:15 –**End of the session**