





## SPIRE

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*“We are the last generation that can work together and succeed at preserving the Planet and its resources for future generations”.* With this statement, moderator Darja Isaksson has opened “**European Partnerships: stepping up the game**” session of the Research and Innovation Days on the 23rd September. **Àngels Orduña Cao**, A.SPIRE Executive Director, has been a panelist and introduced Processes4Planet to the audience.

Partnerships in the European Commission context are in a unique position to tackle the challenges of society through research and innovation and to reach common objectives. The aim of the #RiDaysEU session has been to navigate on how the specific objectives of different Partnerships are aligned to the EU goals (carbon neutrality, circularity and digitalization in 2050) and how these actors are accelerating the **green and digital transition in Europe and globally**.

Processes4Planet, on the last mile for the definition under Horizon Europe, has been invited to contribute in the panel as the **transformative partnership for the European process industry** for its impact driven nature, coherent with Horizon Europe approach.

In her presentation, Àngels Orduña Cao pointed out how Processes4Planet intends to put resources together from 10 sectors (cement, ceramics, chemicals, engineering, non-ferrous metals, minerals, steel, pulp and paper, refining and water) to promote a **systemic change through solutions from the industry**.

This holistic vision is substantial for Processes4Planet: every involved sector benefits deeply from the contact and the **synergy** with the others. The latest results of SPIRE cPPP, 2014-2019, are showcased in SPIRE 2019 Projects' Brochure and in the Trends Report 2020.

Business as usual is not an option anymore, neither from the industry nor for the public sector. To reach a sustainable society, we need a sustainable industry. Processes4Planet role is crucial in this path, since the Partnership has the potential to scale up solutions with its **unique cross-sectorial approach** that sets a trend for other Partnerships.

During the session, it has been clear how big efforts are necessary to achieve the climate impact goals, enlarge the industry competitiveness and accelerate a change of paradigm from waste to resource.

At this point a reality check is necessary: process industries only have two rounds of investments up to 2050. If the innovation developments require at least 10 billion euros up to 2030, the solutions implementation could demand trillions.

HEU is called to **bridge this gap** for Processes4Planet projects to reach TRL7-8. However, to deploy on society, further blended financial approach is needed to reach TRL9 through First-of-a-kind (FOAK) plants and Hubs4Circularity models.

As Àngels Orduña Cao stated during her speech in R&I Days: “**Partnerships will be fundamental to transform challenges into opportunities. All Processes4Planet sectors are committed to deliver solutions. We need to do it together. It is a systemic change.**”

A joint voice is a stronger voice.

The session video is available [HERE](#).

