



Green Deal and Industrial Strategy: What does it mean for process industries?

Digitalisation for Sustainability -
CoPro conference 3 April 2020

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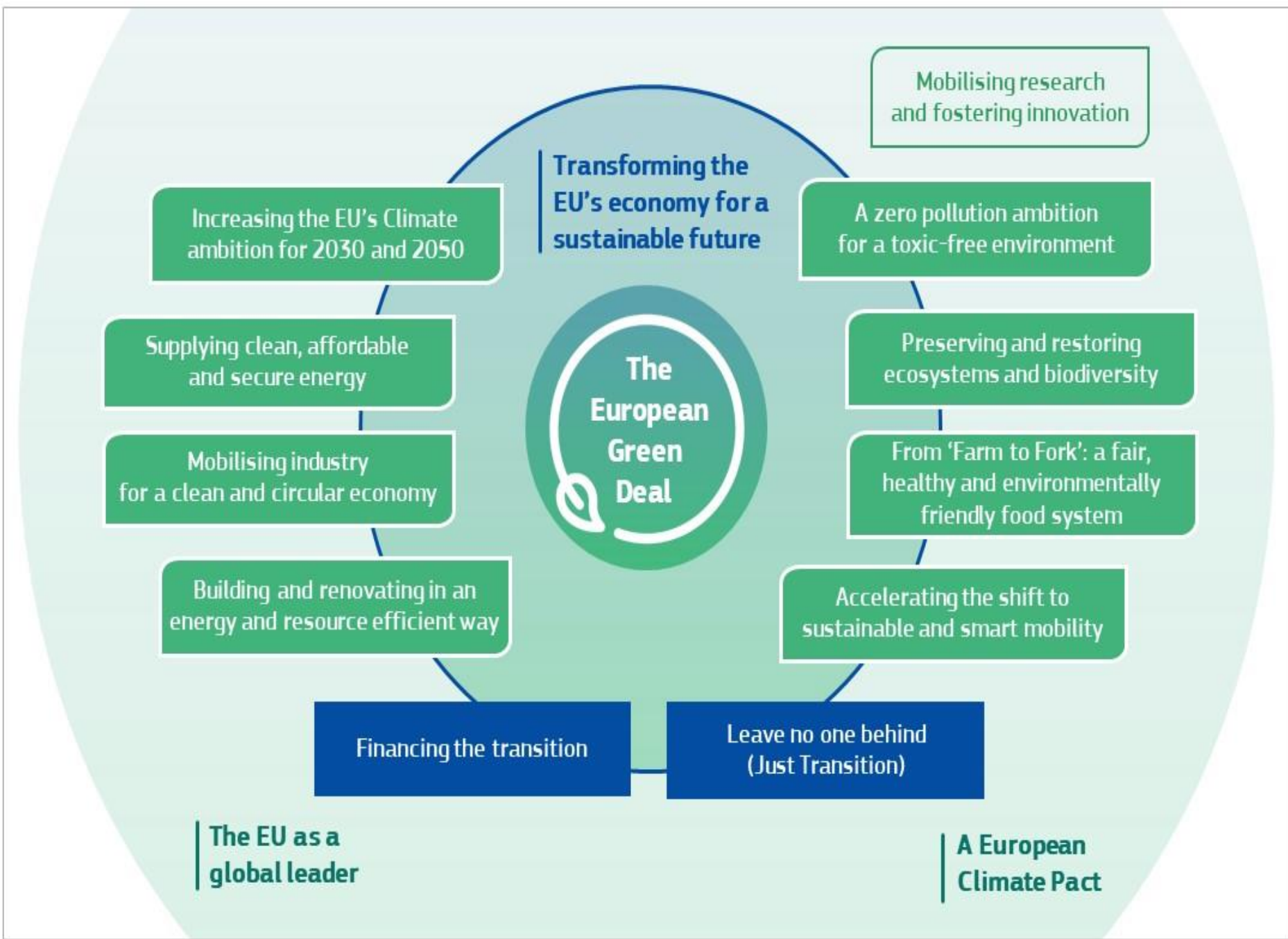
CoPro: Objectives*



CoPro Technologies

- Plant-wide coordination and demand-side response
- Coordination in industrial parks by market-based algorithms
- Reactive planning and scheduling technology, including scheduling of maintenance
- Detection of anomalies by real-time data analytics
- Combination of data-based and rigorous modelling
- Integration and deployment platform to connect advanced solutions to the IT and OT infrastructure of the plants


* extracted from the CoPro website: <https://www.spire2030.eu/copro>



The Sustainable Europe Investment Plan – 9 Jan

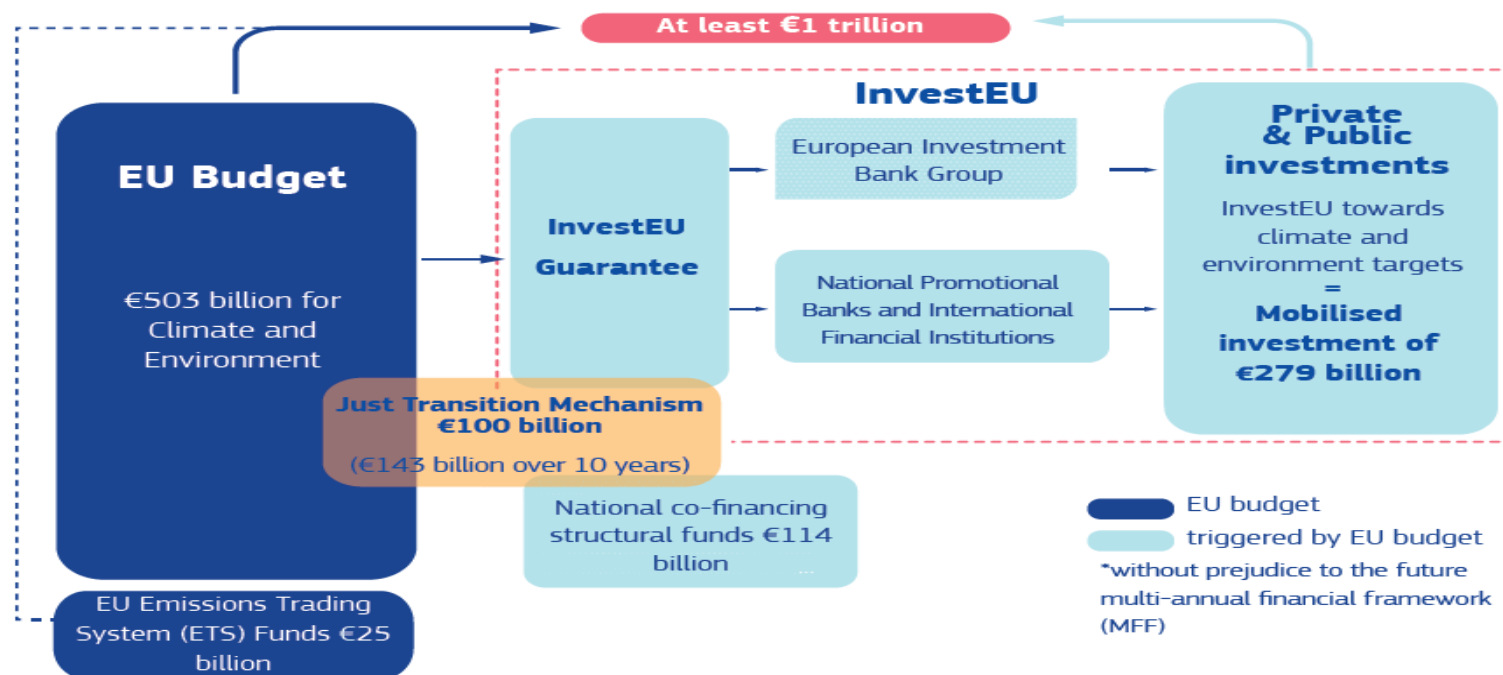
Mobilising at least **€1 trillion** of investments over the course of 10 years, thanks to the combined:

- capital from EU and national budgets;
- public and private investments;
- additional measures to facilitate and boost green public and private investment;
- attractive investment conditions;
- technical assistance to help investors in selecting sustainable projects.

 **25%** of all European Union funding for climate measures

 **30%** of InvestEU to projects that fight climate change

 Stimulating green investments with support from the EIB Group



*The numbers shown here are net of any overlaps between climate, environmental and Just Transition Mechanism objectives.

Industrial Strategy (10 March)

- **Twin transition for industries:** green and digital transformation hand in hand
- New approach: building **industrial alliances**
 - Clean Hydrogen Alliance yes, Low Carbon Industry Alliance? Industry Clouds/Platforms?
 - Link to partnerships under Horizon Europe
- Purpose of such industrial alliances:
 - Key technologies
 - Investment opportunities/state aid/IPCEI

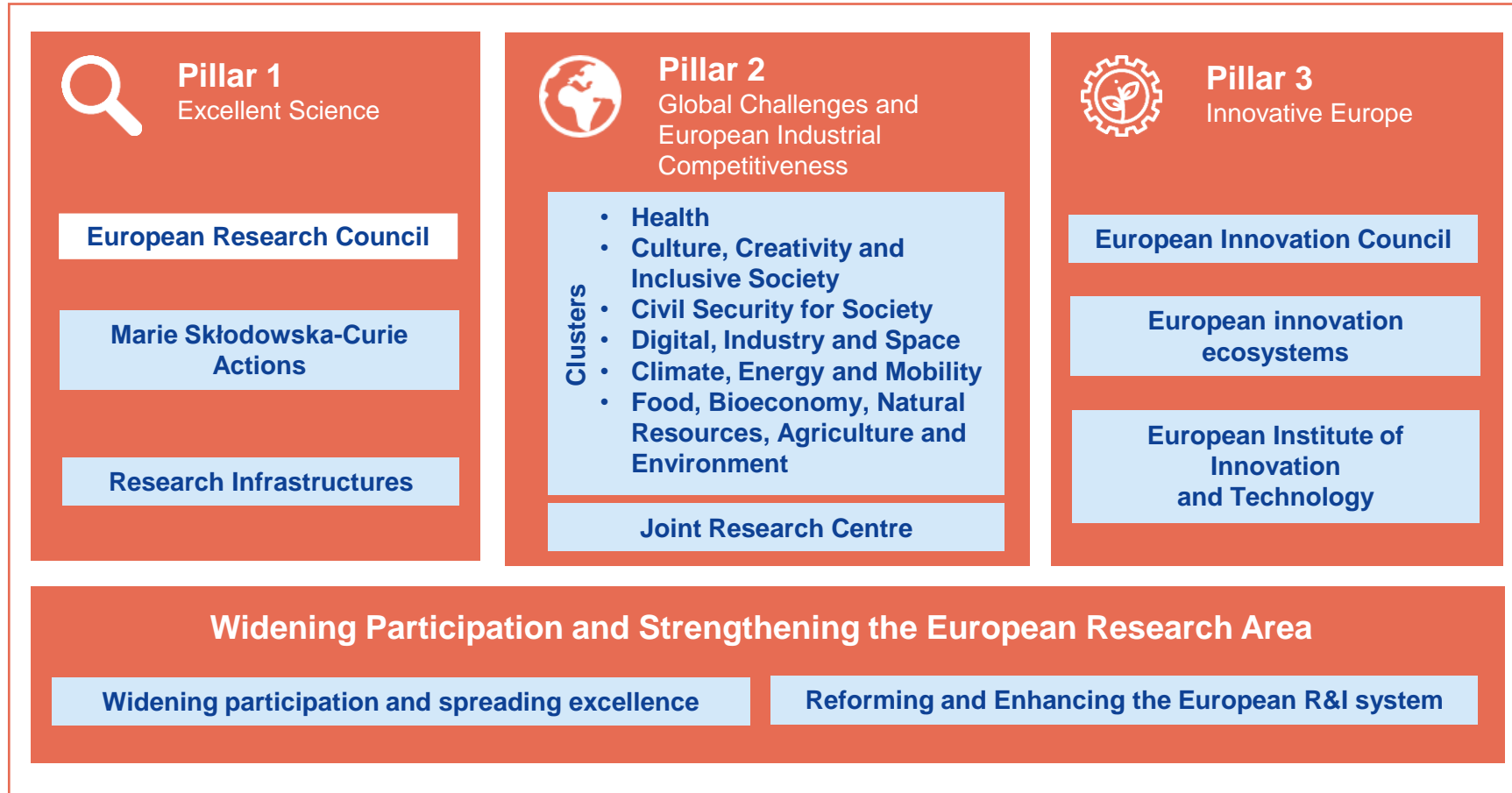
Circular Economic Action Plan 2.0 – 11 March

- Make sustainable products the norm in the EU:
 - « circular by design » beyond eco-design affecting also materials (steel, chemicals, cement)
 - measures on electronics/ICT, textiles, plastic, food, packaging,
- Case for strong synergies between European Regional Funding and Horizon Europe
- Industrial symbiosis/ circularity hubs (<https://op.europa.eu/en/publication-detail/-/publication/f26dfd11-6288-11ea-b735-01aa75ed71a1/language-el>)
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Horizon 2020 – the last year

- Work programme 2020
 - No appetite for extending call deadlines
 - Ongoing projects (extension?)
- Green Deal call of 1 billion EUR ?
 - Announced in Sustainable Investment Plan
 - Finalisation in July – covering also process industries (catalysis)

Horizon Europe: Preliminary structure

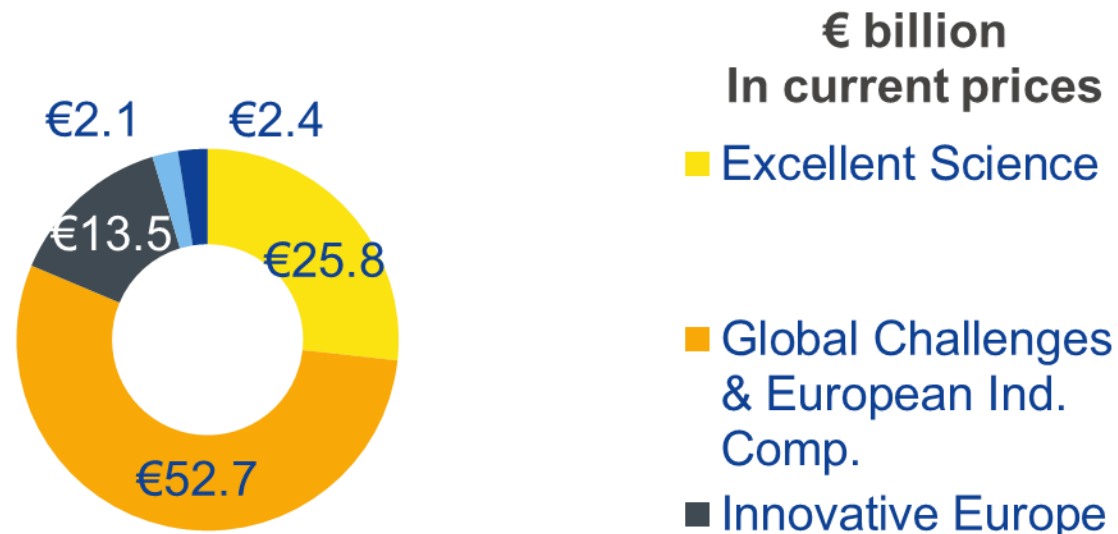


Budget – Multiannual Financial Framework (MFF?)

Agreed: 3,3% « widening »; pillar II: < 10% Missions & < 50% partnerships;
> 70 % EIC for SME; Admin < 5%

Council: no figure, 10bn bio-economy

EP: € 120 bn



Horizon Europe – first work programme 2021/2022 – when – how- what?

- Strategic Plan as basis for first work programme (June adoption)
- First WP not adopted before first quarter 2021
- New Partnerships with industries
- Work to implement cluster 4 starts
 - First ideas: climate neutral value chains, circularity of resources (waste, CO2), integration of renewables/electrification, circularity hubs??
- Reaching out to stakeholders, including Research and Innovation Days in 22 – 24 Sep and INdTech (German Presidency) 26 to 28 October

Conclusions

- Green Deal continues to be « game changer » for industries (twin transformation – green and digital)
- Public investments: programme logic or more integrated thinking?
- Industry Strategy : Industrial Alliances – driver for industry for investments?
Links between Alliances and future partnerships under Horizon Europe?
- Horizon Europe requires major input from industry (roadmaps of future partnerships but also newcomers)
- Work Programme Discussions 2021/2022 to start soon

BTW: https://ec.europa.eu/commission/presscorner/detail/en/FS_20_553