How to get involved?

Working structures and procedures within the Clean Steel Partnership (CSP)

20 October 2022

Klaus Peters, Secretary General, ESTEP

ESTEP
European Steel Technology Platform

CSP
The Clean Steel Partnership

CSP = co-programmed public private partnership

- Public calls open to every organization
  - According to Horizon Europe regulation
  - According to Research Fund for Coal and Steel regulation
  - No membership etc. required
- Contribute to definition of the call texts of CSP
  - Membership in ESTEP (European Steel Technology Platform)

EU Clean Steel Partnership (CSP)
Characteristics

- Partnership in the frame of Horizon Europe (2021-2027)
  - Accelerate the decarbonisation of the EU steel industry
  - Basket of technologies (no silver bullet)
  - Unique setting due to synergies of two public financial pillars
- Projects
  - size: € 10-100 million
  - Developments start at TRL 6 to end up with TRL 8, exceptional start at 5 to end up with at least TRL 7
- CSP-Budget: € 1.7 billion
  - € 350 million from assets of the ECSC* in Liquidation (source of funding from RFCS*)
  - € 350 million from Horizon Europe
  - At least matched by steel sector (expected €1.000 million)
- ESTEP organises the private side
- Total need for large R&D&I projects on low-carbon steelmaking technologies
  - € 2.55 billion (estimate)
  - Funding gap outside the partnership financed with other EU and national instruments

* RFCS: Research Fund for Coal and Steel
* ECSC: European Coal and Steel Community
* TRL: Technology Readiness Level

European Steel Technology Platform (ESTEP) at a glance

- Created in 2004, reconfirmed by EC in 2013, legal entity (AISBL, non-profit organization) since 2018
- August 2022: **58 members** involving steelmakers, plant suppliers, universities, research organizations, and different EU member state organizations linked to steel

ESTEP's mission

- Collaborative EU actions on innovative technologies to tackle EU challenges (climate change, CO_2 mitigation, renewable energy, circular economy) to create a sustainable EU steel industry
- Work happens within 7 Focus Groups (mini-conferences, initiate funding proposals, technology road mapping, scientific dissemination e.g., via joint publications)
  - Focus Groups are: Low Carbon & Energy Efficiency, Circular Economy, Smart Factory, Construction and Infrastructure, People, Transport and Mobility, Energy Market Applications and Engineering
- Private side of the Clean Steel Partnership

www.estep.eu

EU Clean Steel Partnership
Governance

Private side

- ESTEP
- Members:
  EUROFER
  Producers
  Plant Builders
  Research
  others

Partnership Board

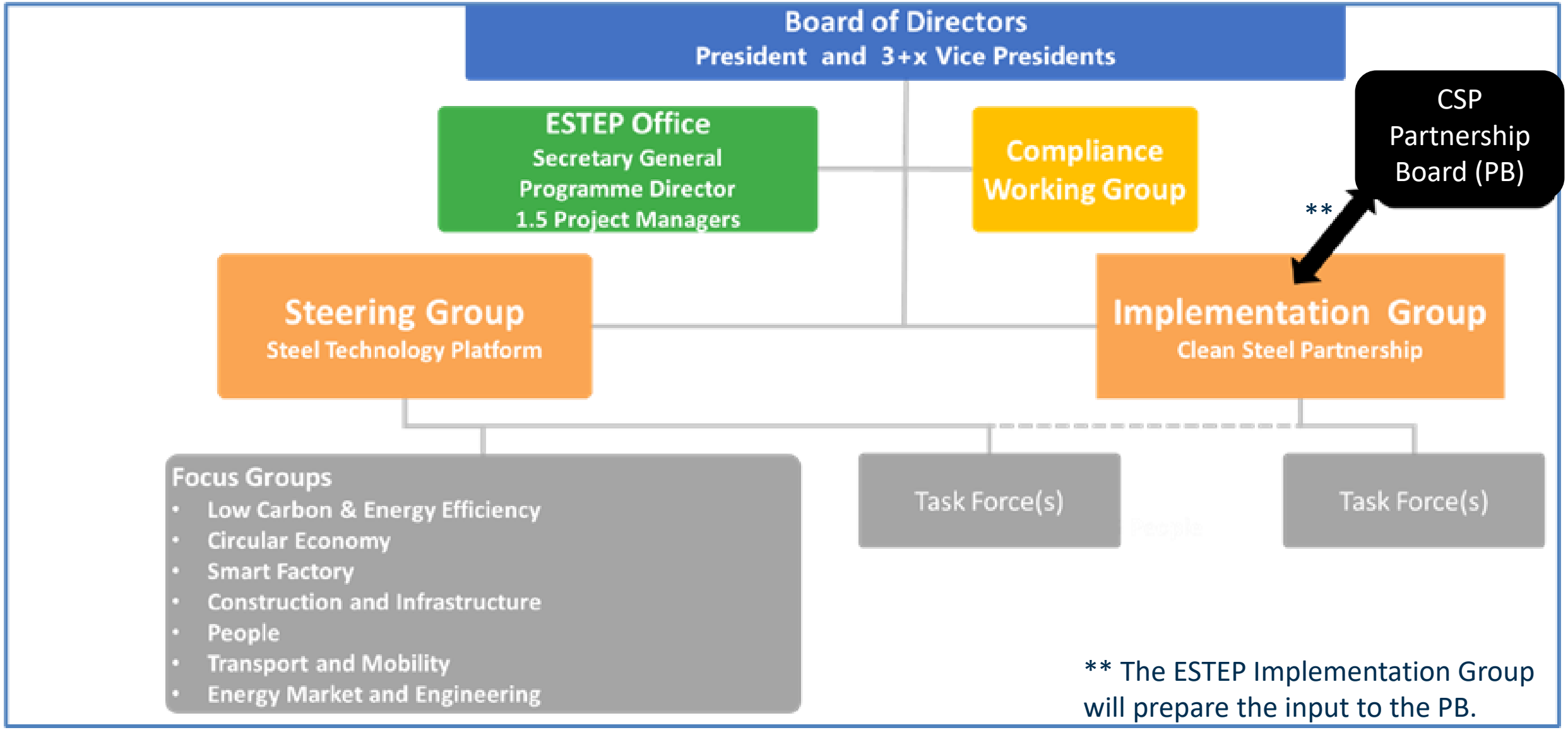
1x / year

Up to 2 external advisory groups

Public side

- Commission (& Executiive Agencies)
- Horizon Europe - leading – (HDEA)
- RFCS (REA)

EU Clean Steel Partnership
ESTEP Governance



** The ESTEP Implementation Group will prepare the input to the PB.

Questions??

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https://www.estep.eu/clean-steel-partnership

- MoU
- SRIA
- Events
- Calls
- Projects

ESTEP
European Steel Technology Platform

CSP
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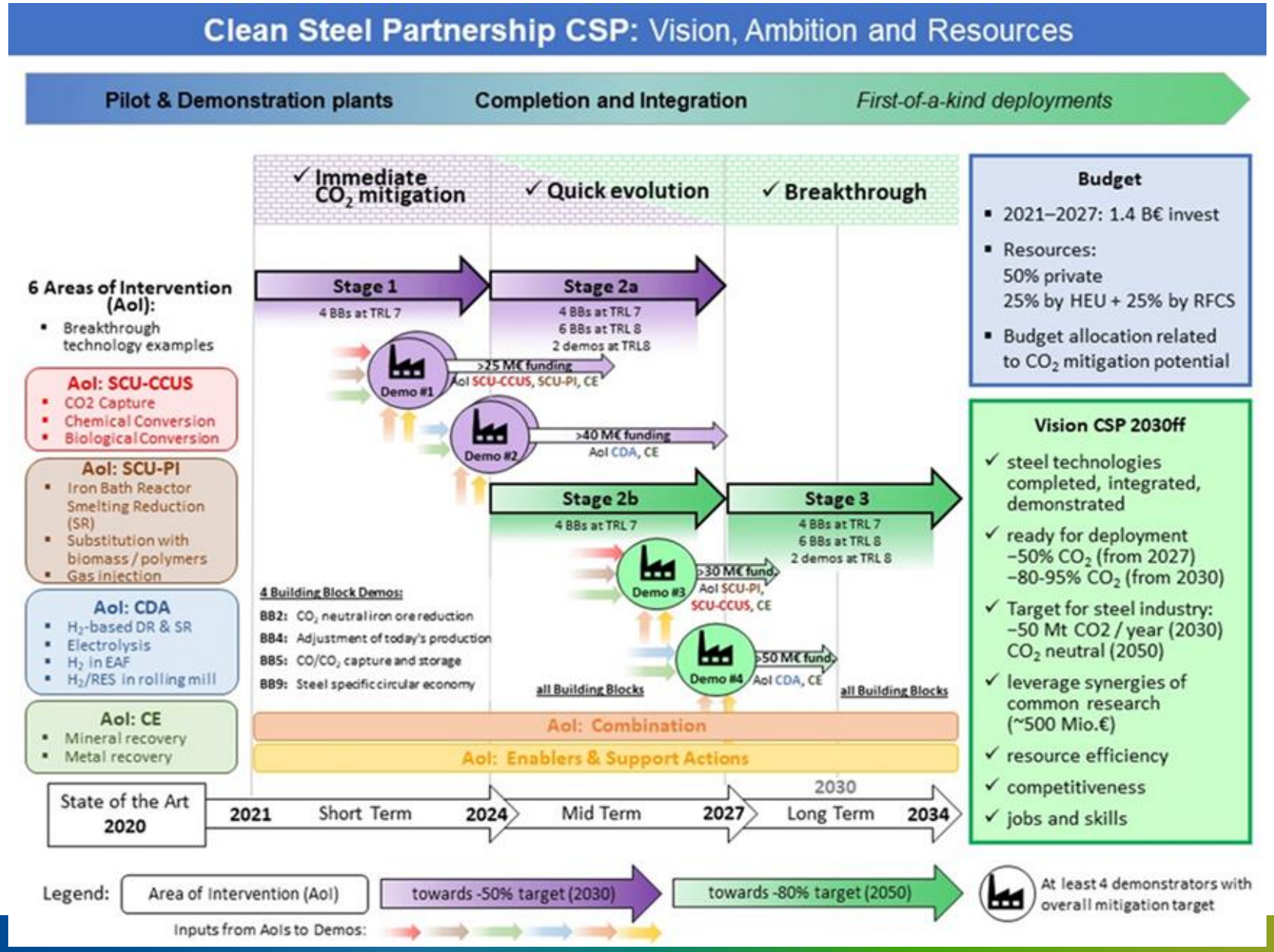
Storyline of CSP