

Mecalo

Hydrogen innovation webinar

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MECALO: CO₂ free production of Critical Raw materials using hydrogen

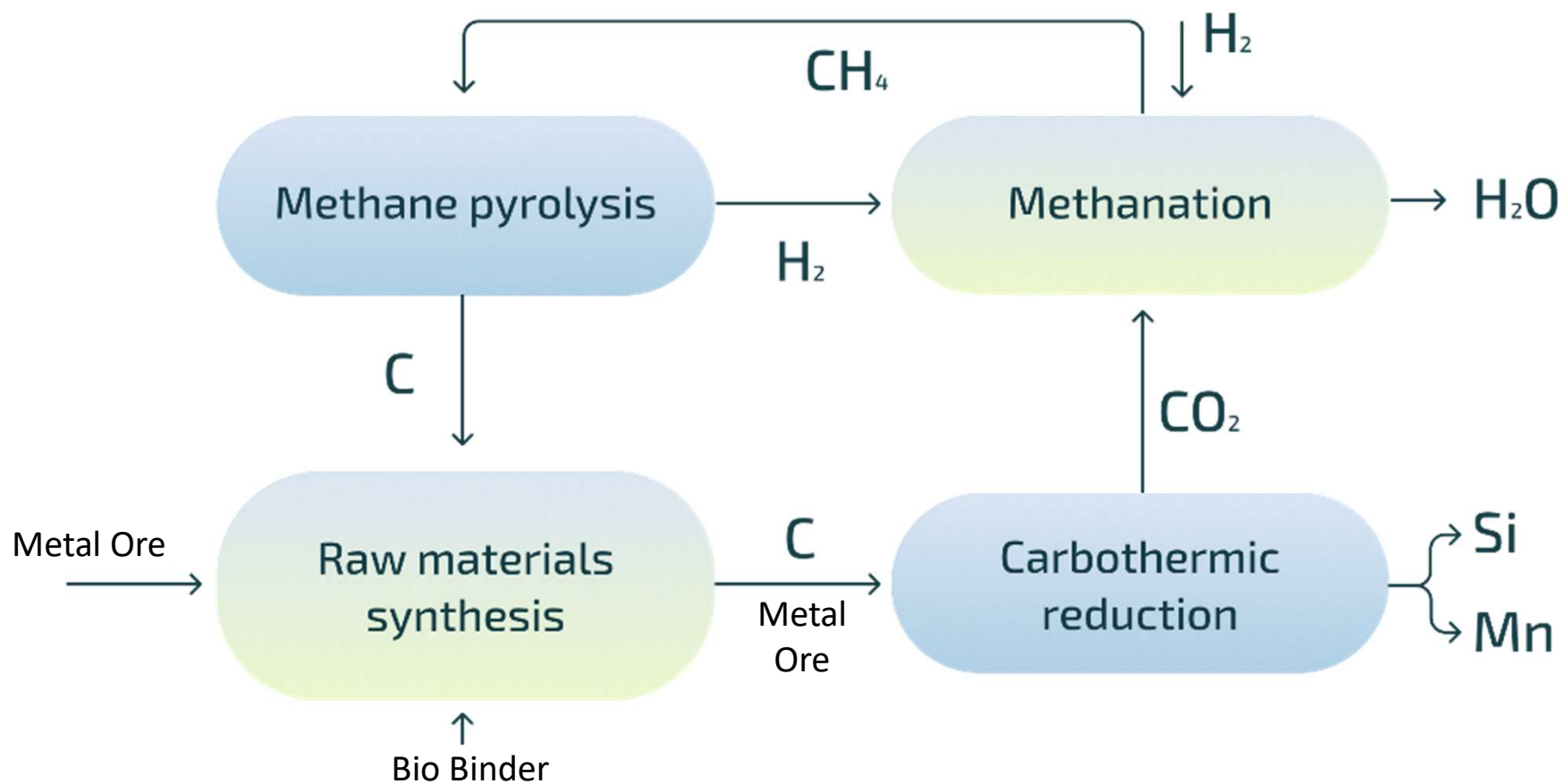


- Metallurgy is a large contributor to CO₂-emissions
- CO₂ is unavoidable by-product even with fully decarbonised energy grid



- Hydrogen can replace carbon in production of certain metals, but not all:

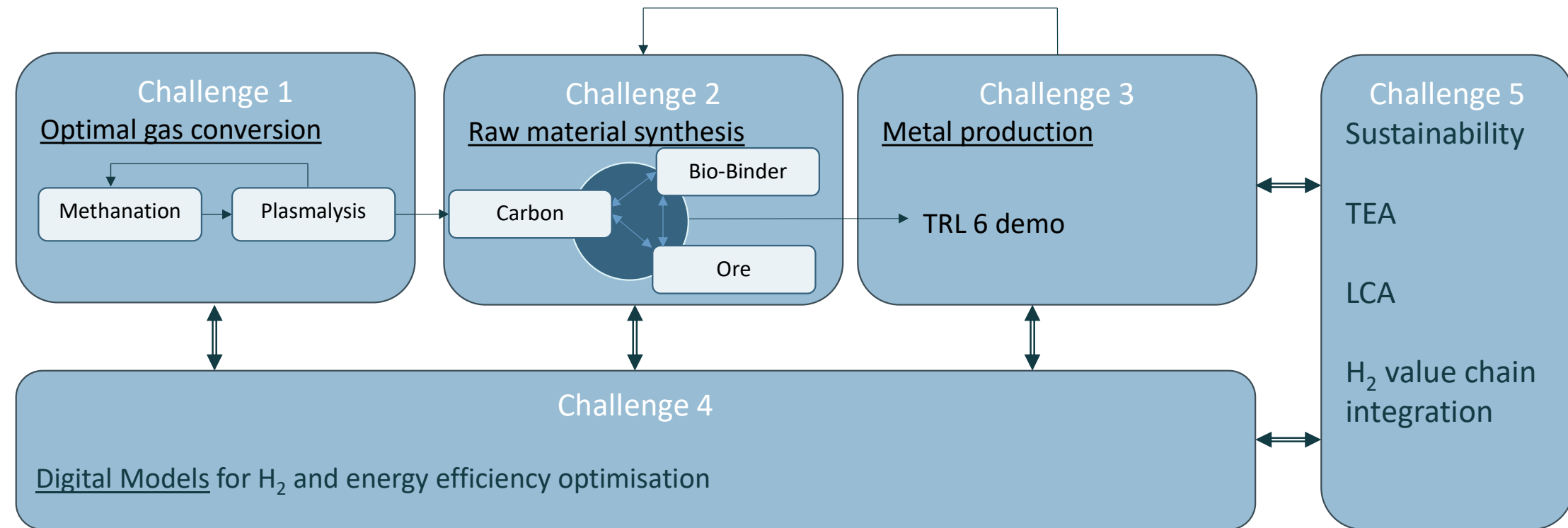




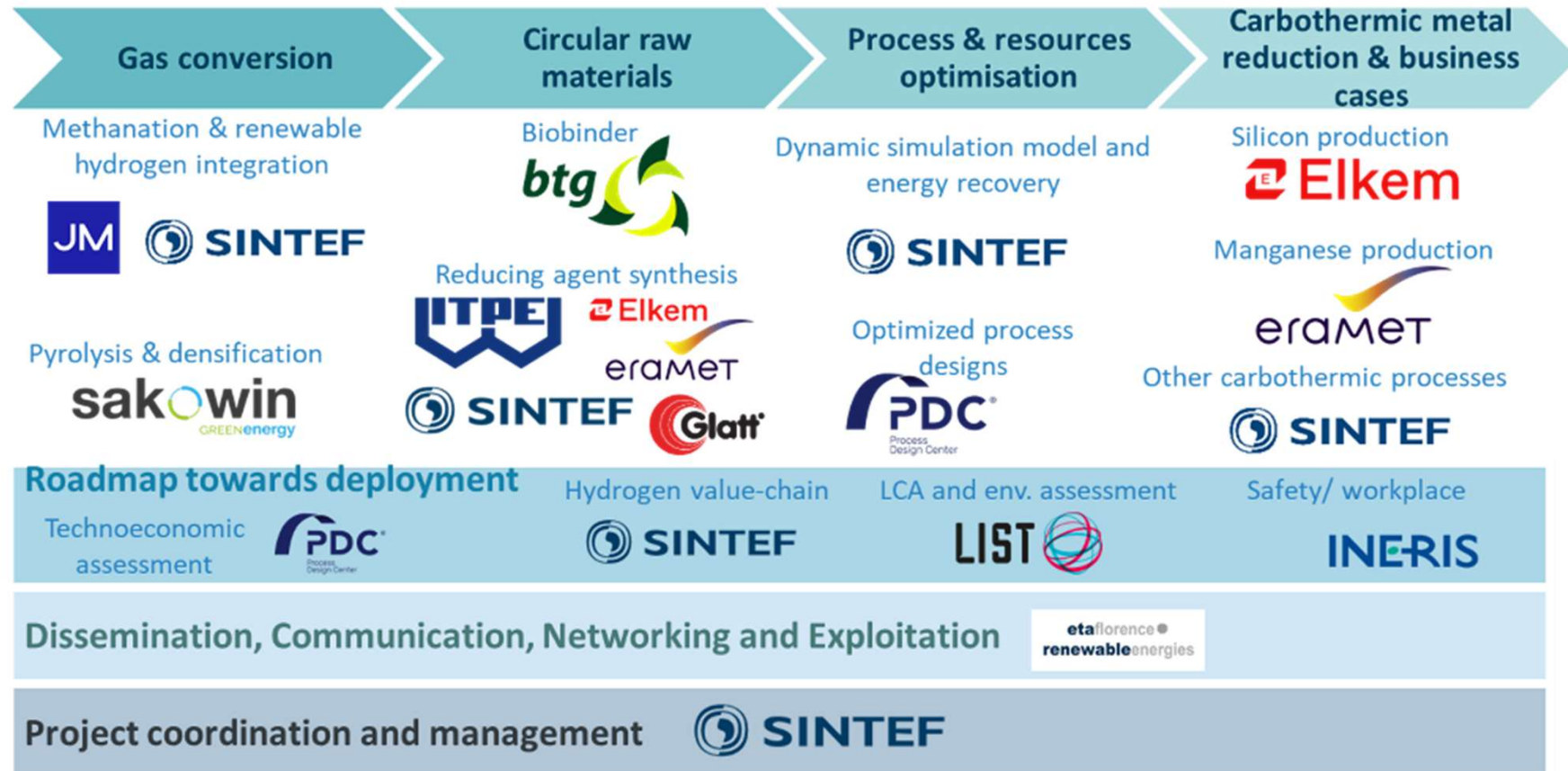
*The main ambition of **MECALO** is to demonstrate its innovative concept of renewable hydrogen and carbon looping for **CO₂-neutral production of Si and Mn.***



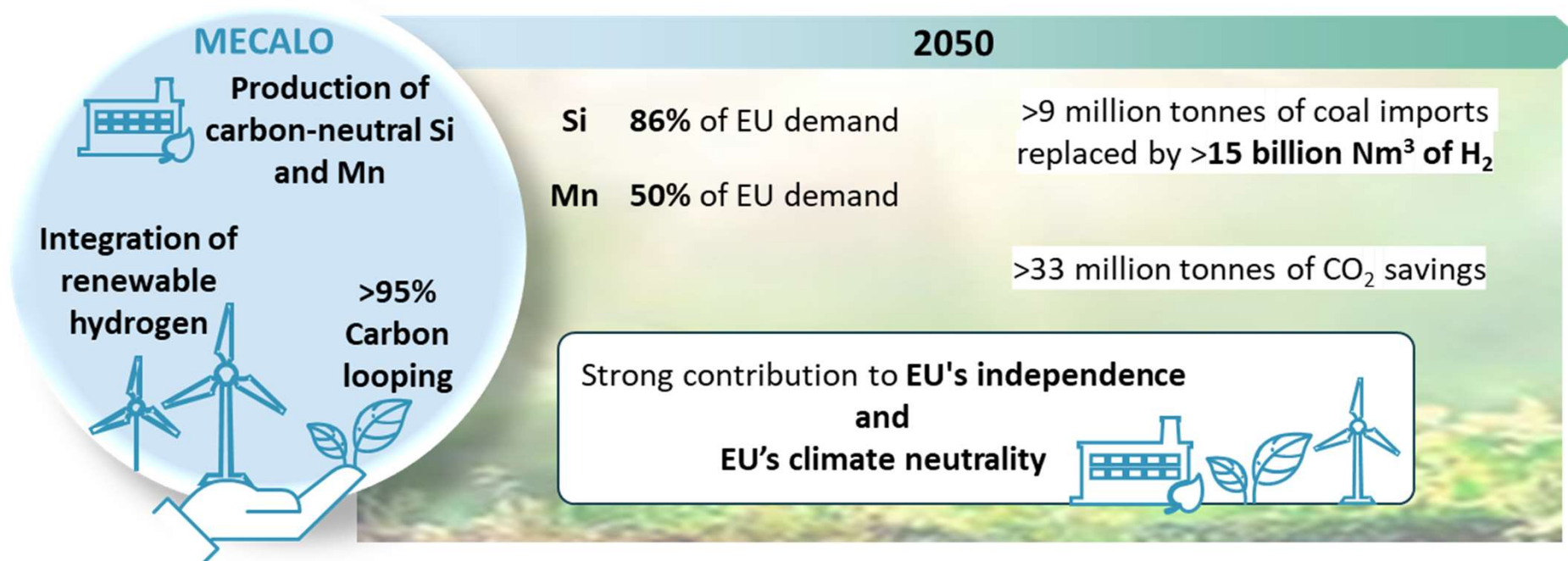
MECALO Challenges



MECALO Partners



MECALO Impact in EU



Thank you!



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