

Moving towards transformative climate policy

SB60 Side Event

12 June 2024





4i
TRACTION
innovation · investment
infrastructure · integration



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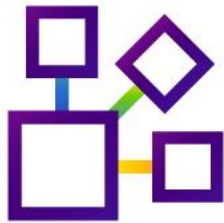
Key challenges for transformative climate policy



innovation



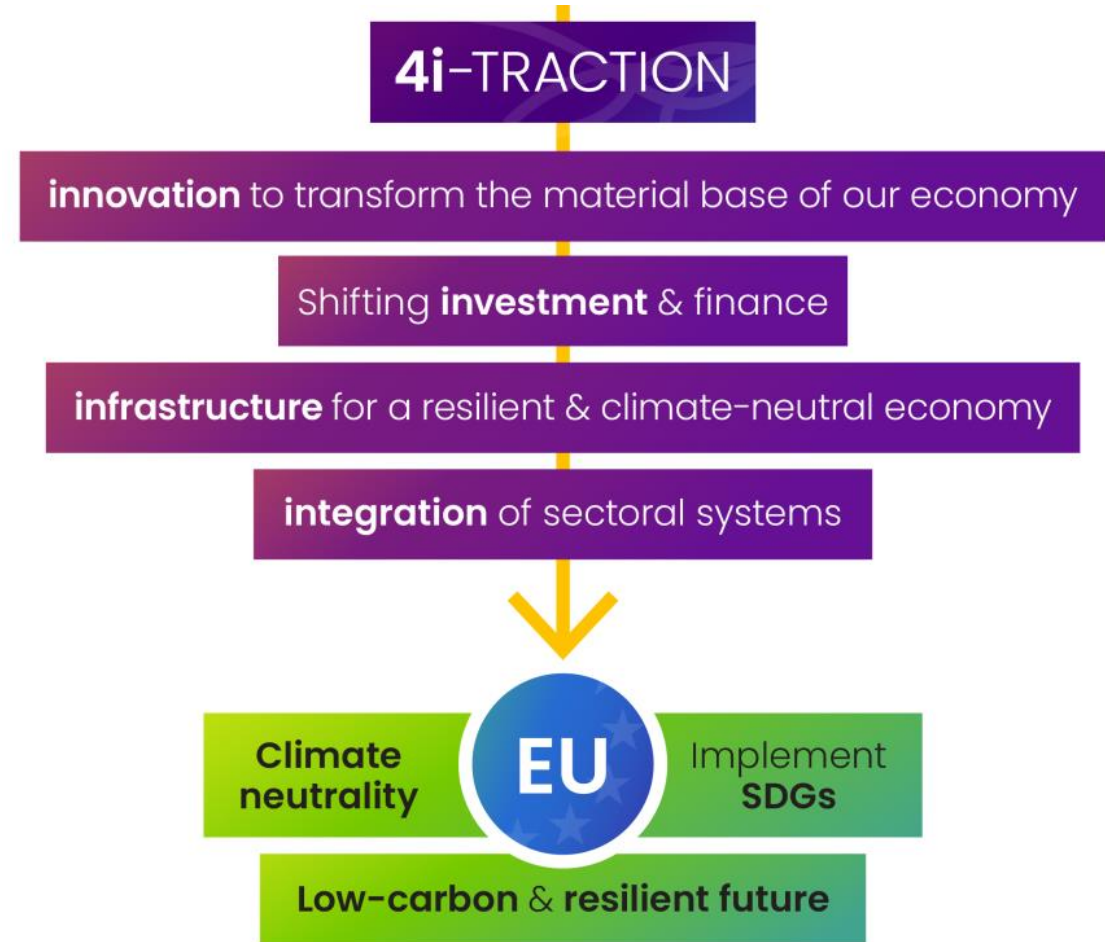
investment



infrastructure



integration



Agenda

16:15 – 16:20	Welcome and about the project Matthias Duwe, Ecologic Institute
16:20 – 16:30	Context: Thinking across sectors: the “4i” challenges for the transformation Flora Dicke, Ecologic Institute
16:30 – 16:50	Transformation challenges: feedback from experts <ul style="list-style-type: none">• Peter Wittoeck, head of delegation, Belgium, EU Presidency• Sven Harmeling, head of climate, CAN Europe + electronic audience feedback
16:50 – 17:00	Input: Recommendations for EU climate policy Sebastian Oberthür, Brussels School of Governance, VUB
17:00 – 17:30	Expert reaction <ul style="list-style-type: none">• Peter Wittoeck, head of delegation, Belgium, EU Presidency• Sven Harmeling, head of climate, CAN Europe

Transformation challenges towards climate neutrality

Innovation, investment,
infrastructure, and integration



Innovation



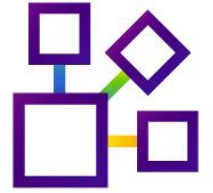
- A climate-neutral economy requires technologies and processes that are **not yet invented or available at scale**
- The EU faces primarily a **deployment gap** for mature and key energy technologies, gaps **across the full innovation chain** for power storage, alternative fuels and feedstocks, CCS & renewable process heat.
- Policy gaps exist in EU **innovation funding** and financing mechanisms; policy **certainty and directionality**; as well as dedicated **exnovation** policies.

Investment



- A climate neutral economy requires **large-scale investments**
- The climate **investment** deficit in the EU is in the order of **€406 billion** annually and the existing framework is insufficient to mobilise it.
- Gaps exist in the **coherence of EU funding instruments** and the alignment of fiscal policy with the climate neutrality goal.

Infrastructure



- Challenge of **infrastructure lock-ins & path-dependencies, uncertainty and long lead times.**
- The roll-out of **transport & energy infrastructure** for a climate-neutral economy is too **slow.**
- There is no comprehensive EU-wide approach to **transnational energy or transport infrastructure** & lack of transnational planning

Integration



- Progress with **Climate Policy Integration** in the EU is **uneven** across sectors
- Challenges of **sector coupling**
- Policies and frameworks needed that support **integration of innovation, investment, and infrastructure** based on a long-term view of the transformation
- Need to **balance and re-calibrate climate policy objectives with other political priorities** (geopolitical, social, competitiveness, biodiversity, adaptation)



What do you think?

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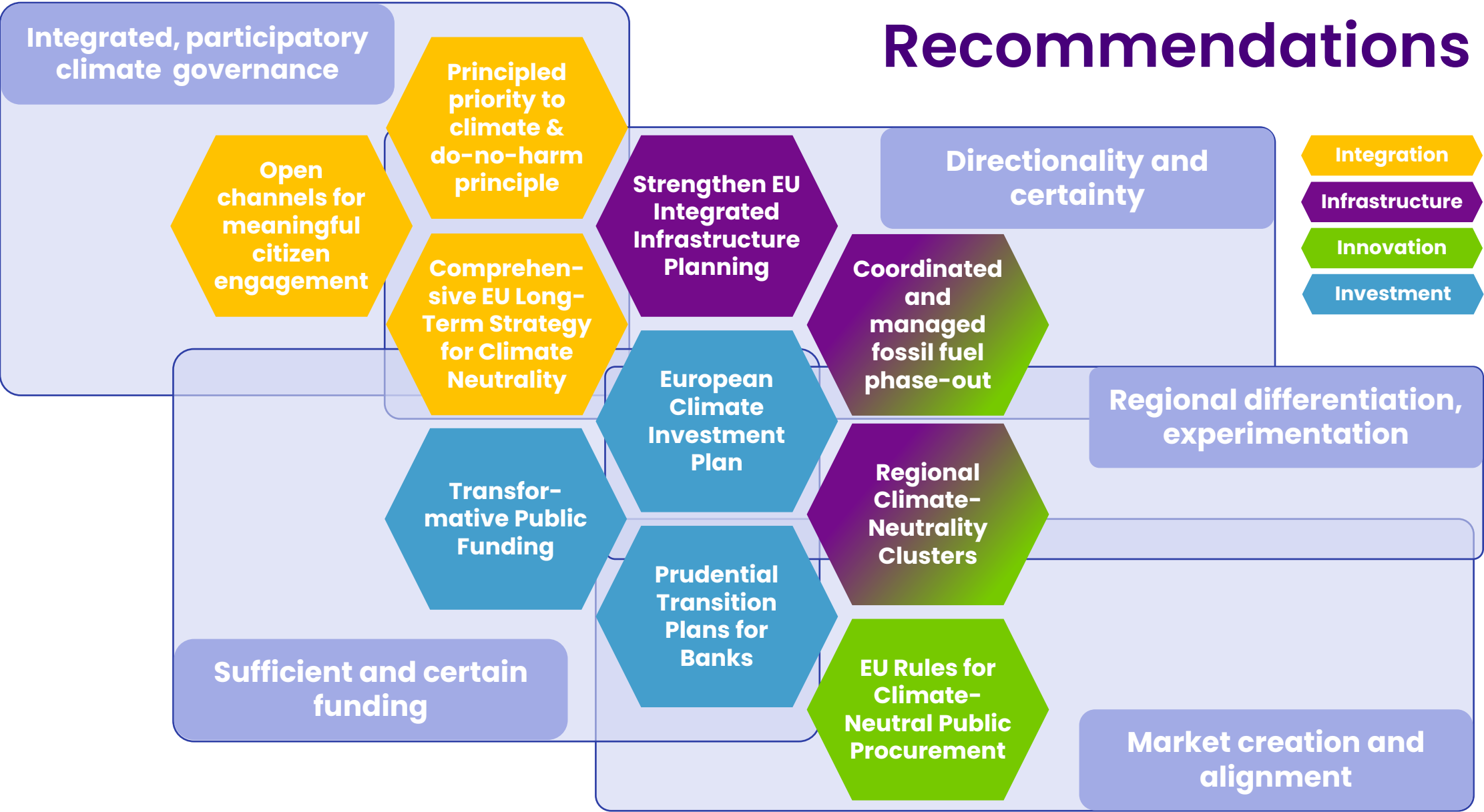
Recommendations for EU climate policy

Insights from the 4i-TRACTION project

Sebastian Oberthür, VUB

12/06/24

Recommendations





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Panel discussion



Thank you!

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on our website!

