Enhancing cross-border & cross-ecosystem investments

Recommendations by the Industrial Forum TF4

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Industrial Forum Task Force 4 objectives

- Identity and recommend areas of high potential for CB and CE investments
- Recommend policy measures to trigger a major investment wave, to make it the most effective and to keep it up throughout the decade
- Facilitate matchmaking of the different stakeholders and the development of joint investment agendas in the identified areas
- Strengthen Europe's global leadership in addressing the sustainability challenges (economic, climate/energy/environment, social).

How to identify areas of high potential for CB and CE investments?

Proposed criteria for prioritizing and selecting areas and initiatives for CB and CE investments

- Europe's competitive edge or high potential to achieve global leadership
- High growth potential
- Expected high impact on the sustainability goals
- A pressing need for cross-border and cross-ecosystem investments (including potential areas of high risk dependencies and unforeseeable complex problems)
- Technology readiness levels (TRL) mature enough for demonstration and piloting

Proposed general principles for the same

- A transparent process
- Min. of 3 MSs committed to increase resource allocations for CB and CE initiatives in the area(s) concerned
- A strong commitment and leadership by businesses
- Maximising the impact (ref. recommended measures)
- Public funding based more on investment logic

3 areas of high potential for CB and CE investments to focus on

A. Transition to the production and use of clean and renewable energies with a focus on improving energy-sector integration and strengthening local/regional clean and renewable energy valleys and their CB and CE collaboration and investments;

B. Environmentally friendly, circular goods and data-based services piloting with industries and businesses that show strong commitment to implement their transition pathways involving also upstream and downstream companies, technology and service provides e.g., in advanced manufacturing, digital, design.

C. Microelectronics focusing on virtual design platforms and pilot lines where to design and test chips at a mature enough TRLs for future applications in fields like edge AI, automotive and manufacturing.

How to make the most out of the CB and CE investments

Policy recommendations

The EU, Member States and regions, businesses and industry, research institutes	▪ **Adopt and implement a new way of cooperation and raise the bar together.** Facilitate the development of a **joint cross-border innovation and investment agendas and joint value propositions.**
Businesses, business networks and industry	▪ Review, update and renew your business vision and strategy to realise the opportunities related to green and digital transition ▪ Increase investments on green and digital transition ▪ Invest in European collaboration and joint initiatives
The European Commission and the Parliament	▪ Ensure innovation-friendly **regulatory framework** ▪ Increase, target and pool public **funding** to catalyse sustainable growth. ▪ Enhance European **global handprint** in the digital and green transition.
The Member States and regions	▪ Increase, target and pool public **funding** to leverage significant increase in private intangible and tangible investments and joint European initiatives. ▪ Make the decision-making process on **investment permits** fast and smooth. ▪ Design in a co-ordinated and participatory manner **policies and strategies** that boost investments and sustainable growth and focus on their implementation.

How can clusters get engaged?

A case example of CB initiative

NORDIC HYDROGEN ROUTE

- Drives decarbonization
- Supports regional economic development and viability advantage
- Enables a resilient energy future

RENEWABLE RESOURCES IN BOTHNIAN BAY

ENABLE INDUSTRIES' TWIN TRANSITION

48 GW wind capacity
installed by 2040

65 TWh hydrogen
demand exceeded by 2050

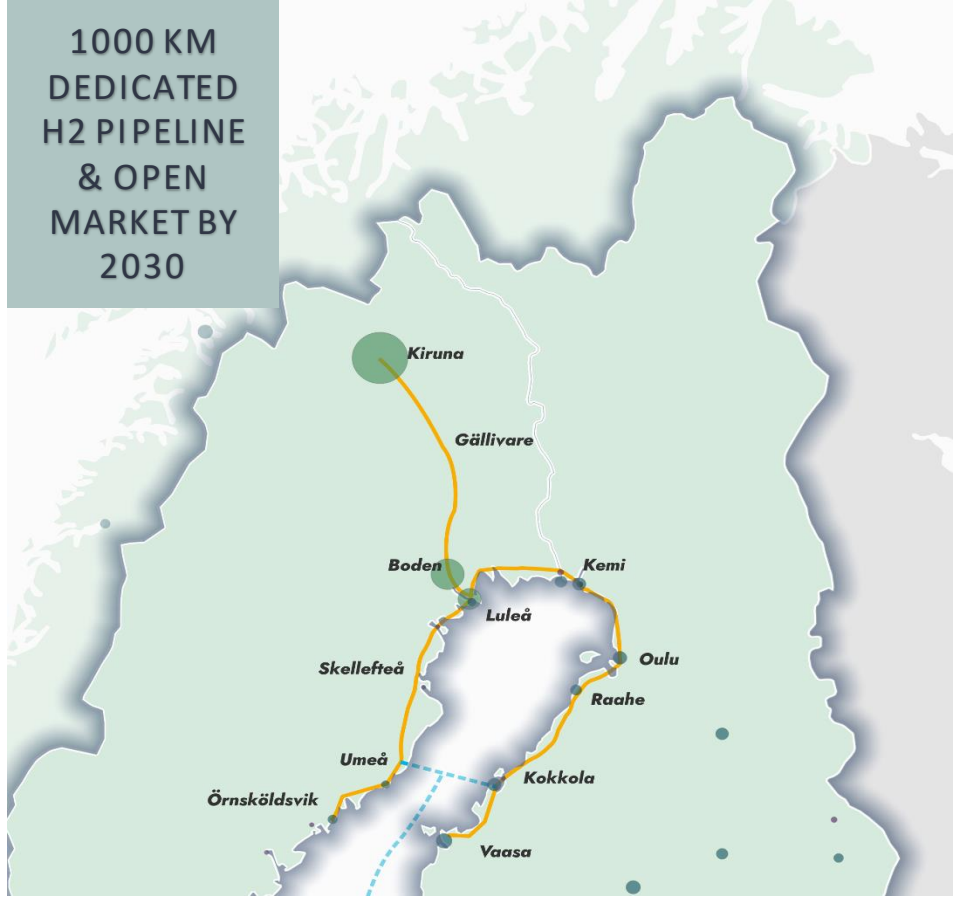
E-fuels | Fertilisers | Green chemicals | Iron, steel & metals

ALL STAKEHOLDERS INVOLVED

- Skills and capabilities, RDI, financing, investment permits
- Connections to other regional valleys

Source: NORDION ENERGI, GASGRID

1000 KM DEDICATED H2 PIPELINE & OPEN MARKET BY 2030



- 2022-2023 PHASE 1 – PLAN
- 2024-2026 PHASE 2 – DESIGN
- 2026-2030 PHASE 3 – CONSTRUCT
- 2026-2030 PHASE 4 – OPEN H_2 MARKET

Next steps

MATCHMAKING EVENTS

Adopt a new way of cooperation in the 3 areas of high potential adopting the proposed criteria

- Joint investment agendas and value propositions for the more specific areas to which the partners are committed.
- Policy recommendations to be implemented.

Case examples of successful CB and CE investments

Feedback from the IF members & public and private sector stakeholders

Finalisation of the TF4 report

Thank you

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