



Clean Energy Transition partnership

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ETIP Ocean & OCEANERA-NET Funders Roundtable

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The European Green Deal

- [Communication published 11 December 2019](#)
- https://ec.europa.eu/info/publications/communication-european-green-deal_en



EUROPEAN COMMISSION

Brussels, 11.12.2019

COM(2019) 640 final

COMMUNICATION FROM THE COMMISSION

The European Green Deal

1. INTRODUCTION - TURNING AN URGENT CHALLENGE INTO A UNIQUE OPPORTUNITY

This Communication sets out a European Green Deal for the European Union (EU) and its citizens. It resets the Commission's commitment to tackling climate and environmental-related challenges that is this generation's defining task. The atmosphere is warming and the climate is changing with each passing year. One million of the eight million species on the planet are at risk of being lost. Forests and oceans are being polluted and destroyed¹.

The European Green Deal is a response to these challenges. It is a new growth strategy that aims to transform the EU into a fair and prosperous society, with a modern, resource-efficient and competitive economy where there are no net emissions of greenhouse gases in 2050 and where economic growth is decoupled from resource use.



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ANNEX to the

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

The European Green Deal

Annex to the Communication on the European Green Deal

Roadmap - Key actions

Clean, affordable and secure energy	
Assessment of the final National Energy and Climate Plans	June 2020
Strategy for smart sector integration	2020
'Renovation wave' initiative for the building sector	2020
Evaluation and review of the Trans-European Network – Energy Regulation	2020
Strategy on offshore wind	2020
Industrial strategy for a clean and circular economy	
EU Industrial strategy	March 2020
Circular Economy Action Plan, including a sustainable products initiative and particular focus on resource intense sectors such as textiles, construction, electronics and plastics	March 2020



Commission |

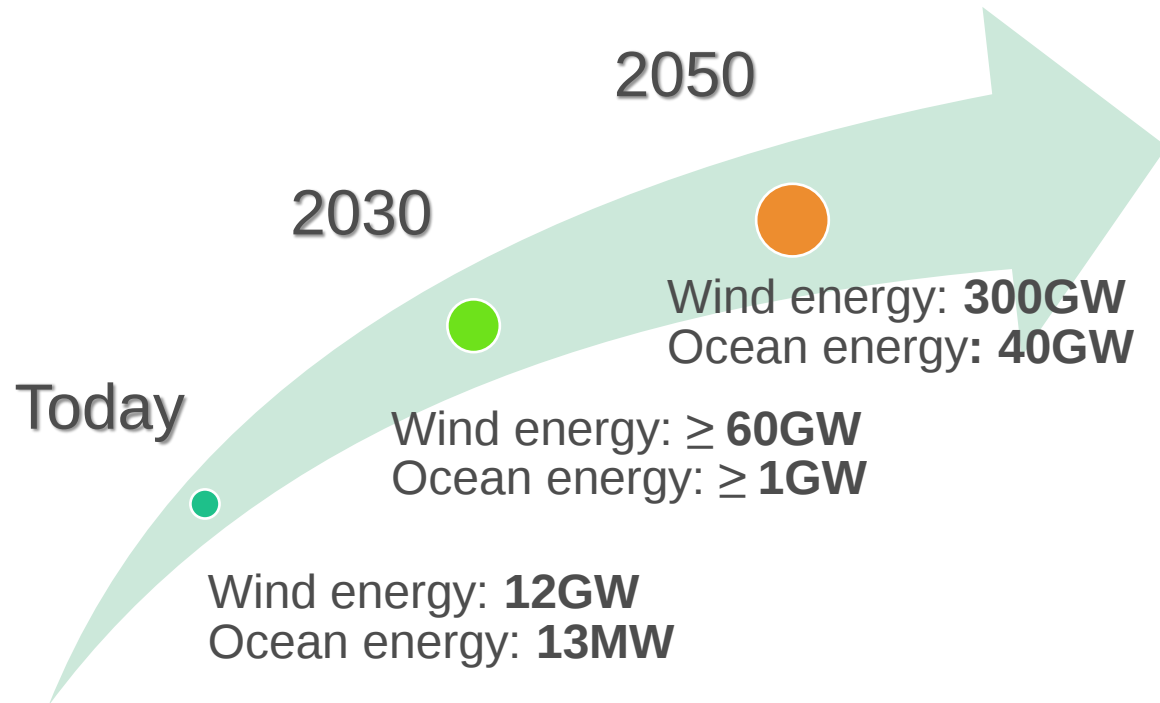
Offshore renewable strategy

To ensure that offshore renewable energy can help reach the EU's ambitious energy and climate targets

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL
COMMITTEE AND THE COMMITTEE OF THE REGIONS

An EU Strategy to harness the potential of offshore renewable energy for a climate
neutral future

{SWD(2020) 273 final}



- Set ambitious targets for the growth of the offshore renewable energy sector
- Encourage public and private investment in new infrastructure and research
- Make it easier for different regions to work together more efficiently
- Provide a clear and stable legal framework, respectful of the environment

Focusing R&I on supporting offshore projects

- Under the first work programme of Horizon Europe for 2021 and 2022, the Commission proposes to:
 - support cooperation between TSOs, manufacturers and offshore wind developers to start a large-scale HVDC-grid demonstration project in 2022;
 - **develop new wind, ocean energy and solar floating technology designs**, for example **through Horizon Europe**
 - improve industrial efficiency across the value chain of offshore wind energy, involving digital technologies using data-driven approaches and Internet of Things devices
 - **systematically integrate the principle of ‘circularity by design’ into renewables research & innovation.**
- The Commission will review **SET Plan targets on ocean energy** and offshore wind and the implementation agendas, and launch an additional SET Plan group on HVDC;
- The Commission will study how technology development in offshore energy generation and infrastructure can be embedded sustainably in socioeconomic ecosystems and the marine environment, for example by researching cumulative impacts and social awareness.
- **The Commission will work with Member States and regions, including islands, to make use of available funds in a coordinated manner for ocean energy technologies in order to achieve a total capacity of 100MW across the EU by 2025 and around 1 GW by 2030.**

EU support

- **InvestEU programme** can provide support and guarantees for emerging technologies to accelerate private investment through its different windows.
- **The Connecting Europe Facility** can be used as a supporting instrument to promote grid infrastructure development but also offshore cross-border renewable energy projects.
- **The Renewable Energy Financing Mechanism** will allow Member States, as of 2021, to provide financial contributions to renewable energy projects and receive statistical benefits in return.
- The **Recovery and Resilience Fund**
- The **Innovation Fund** can support the demonstration of innovative clean technologies at commercial scale, such as ocean energy, new floating offshore wind technologies or projects to couple offshore wind parks with battery storage or hydrogen production.
- **Horizon Europe** supports development and testing of new and innovative solutions.

Horizon Europe Structure



Missions shall be programmed within the **Pillar II**, 'Global Challenges and European Industrial Competitiveness', but may also benefit from actions carried out within other parts of the Programme as well as complementary actions carried out under other Union funding programmes.

European Partnerships

The aim of European partnerships with EU and associated countries, the private sector, foundations and other stakeholders is to deliver on global challenges and modernise industry through concerted research and innovation initiatives.

By bringing private and public partners together, European Partnerships help to avoid the duplication of investments and contribute to reducing the fragmentation of the research and innovation landscape in the EU.

European Partnerships

Co-programmed European Partnerships

These are partnerships between the Commission and private and/or public partners. They are based on memoranda of understanding and/or contractual arrangements.

Co-funded European Partnerships using a programme co-fund action

Partnerships involving EU countries, with research funders and other public authorities at the core of the consortium.

Clean Energy Transition partnership

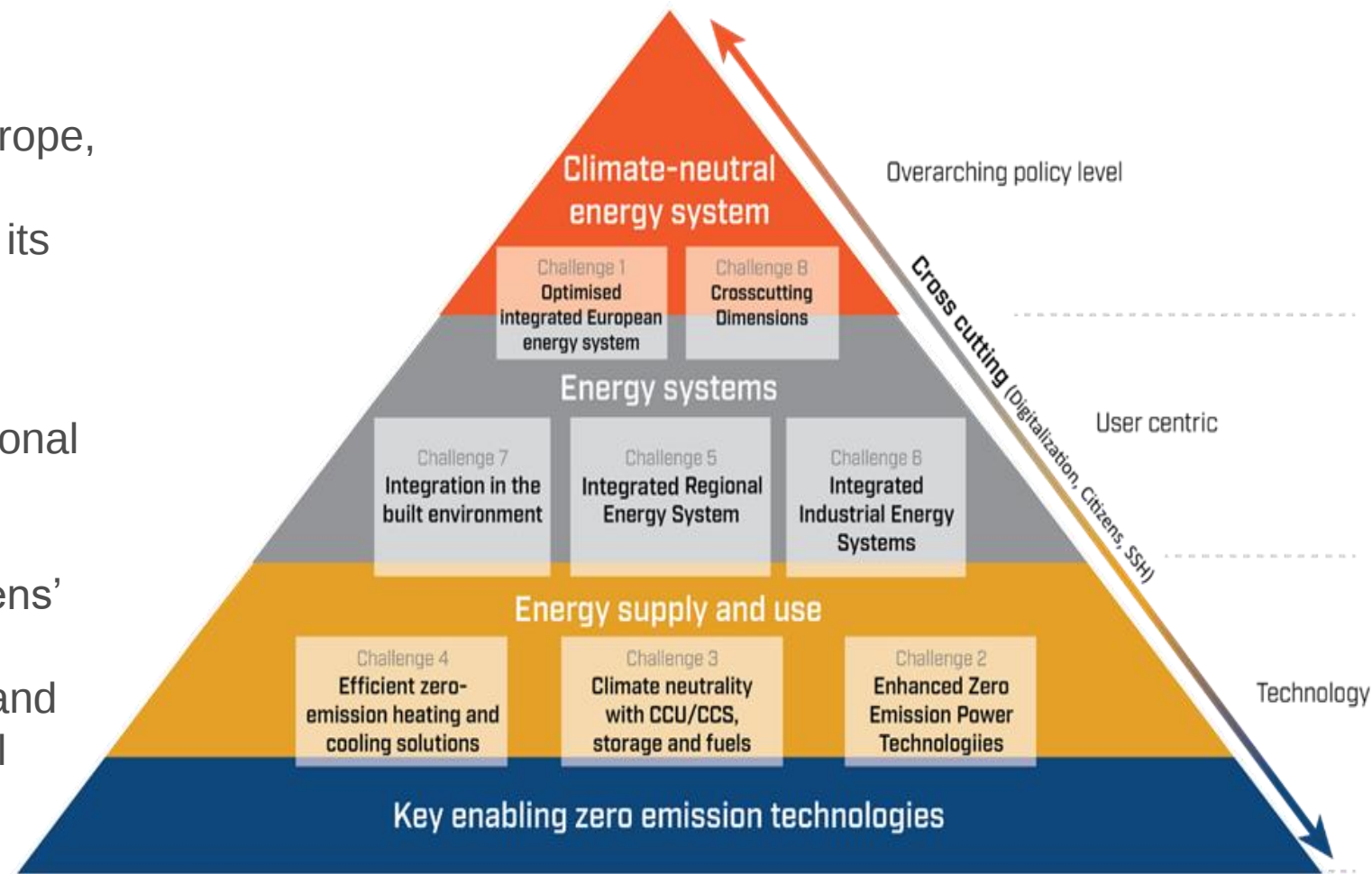
Institutionalised European Partnerships

These are partnerships in the field of research and innovation between the Union, EU member states and/or industry.

European partnership for Clean Energy Transition

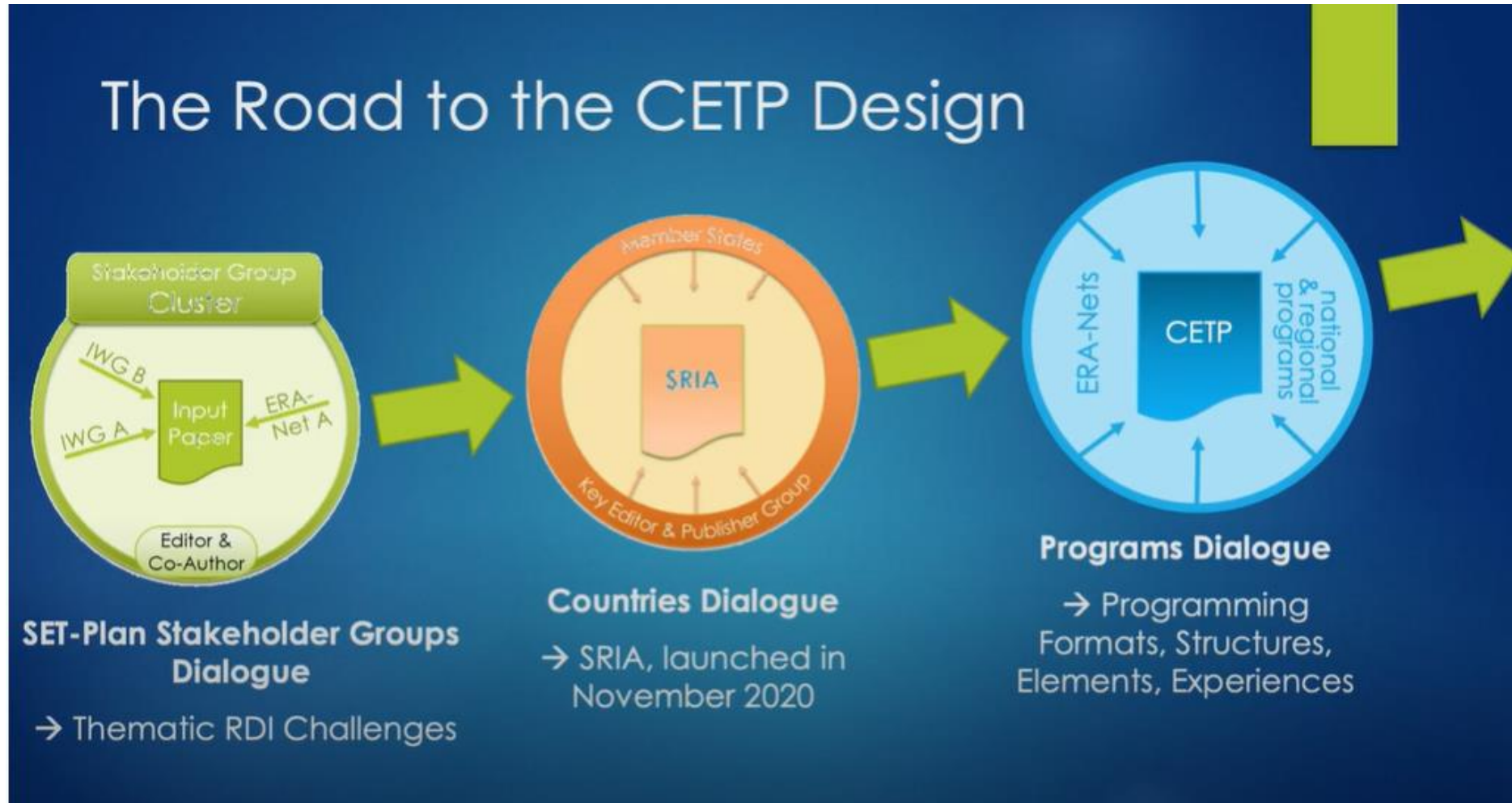
A transformative research and innovation programme across Europe, this partnership will boost and accelerate energy transition in all its dimensions.

It will enable joint research and innovation programmes from regional to national and global level, co-supported by industry, public organisations, research and citizens' organisations to make Europe a frontrunner in energy innovation and eventually the first climate-neutral continent.



Source: SRIA CETP

Clean Energy Transition Partnership - SRIA



Thank you



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