

The Clean Energy Transition Partnership (CETP) - New funding opportunities

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Ocean Power Innovation Network Webinar

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Outline

- ▶ The Clean Energy Transition Partnership – What is it?
- ▶ The CETP in the European Ecosystem
- ▶ CETP Challenge 2: Enhanced zero emission Power Technologies
- ▶ The Way Forward

Clean Energy Transition Partnership

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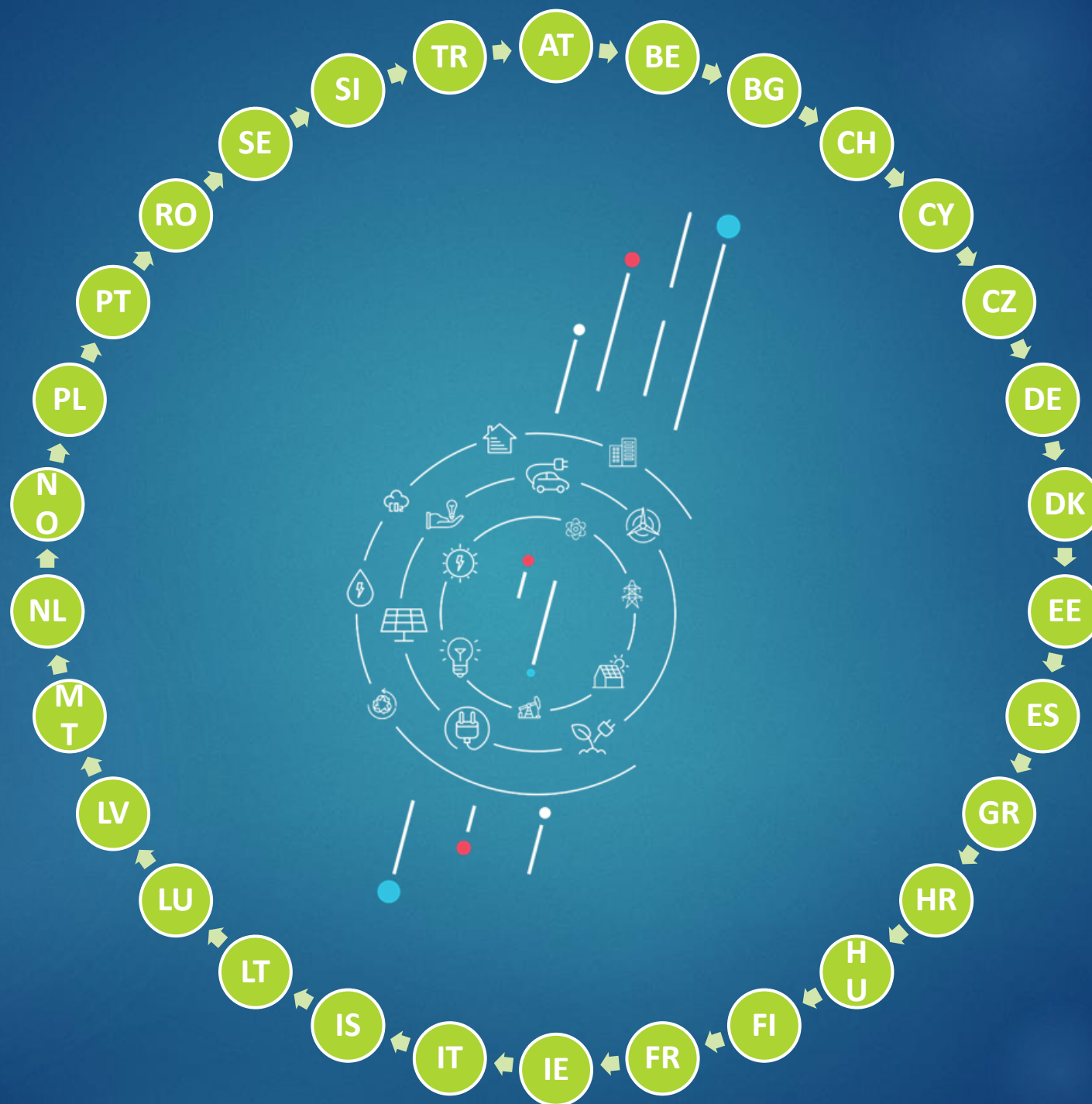
Clean Energy Transition Partnership

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- ▶ **Eight CETP challenges** related to enabling technologies and system integration have been formulated.

30 countries who indicated their interests to participate in and allocate budget to the CETP

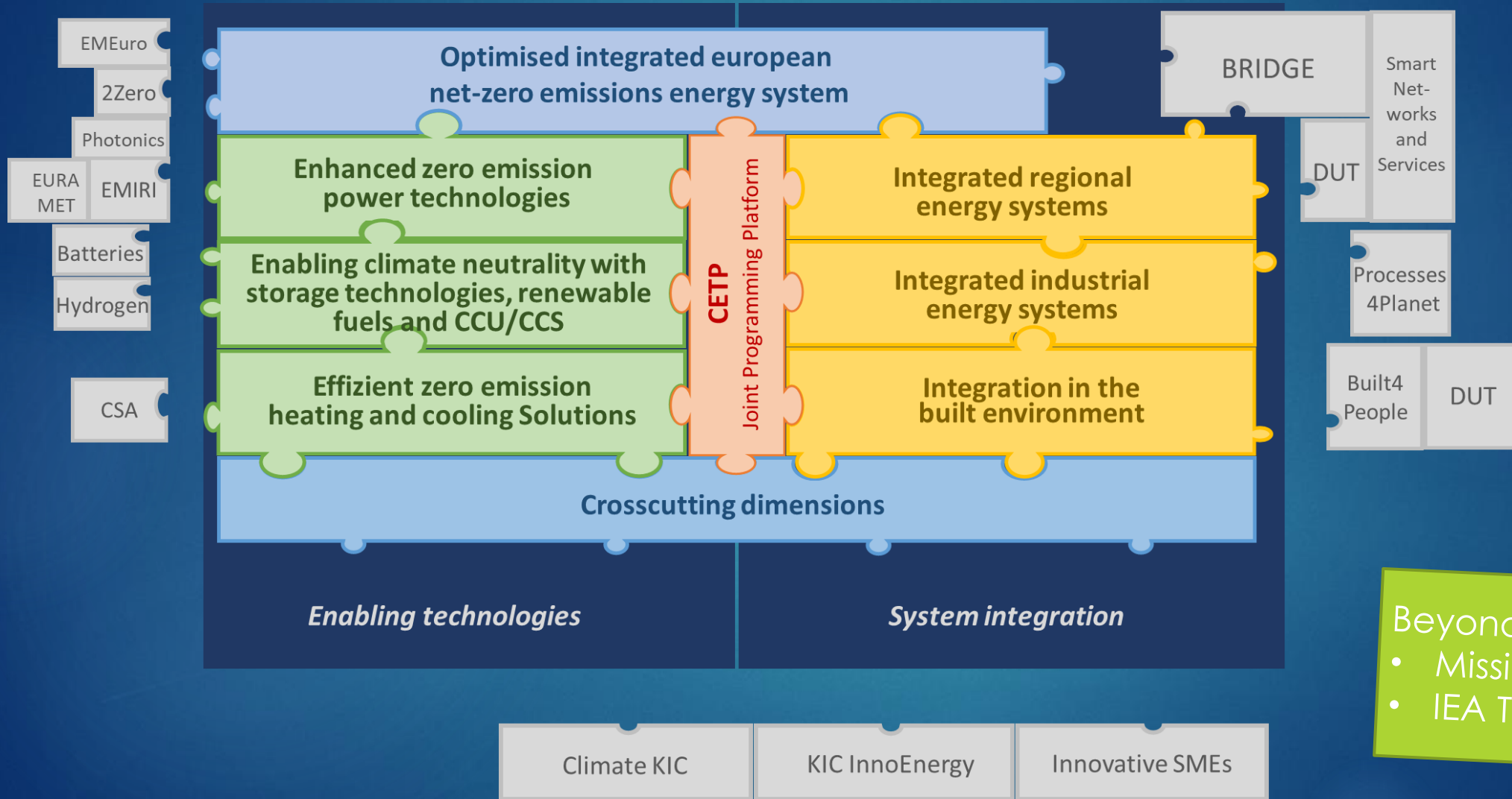
Indicated budget contribution of Member states and Associated countries
~ **700 million €**



**European
Commission**



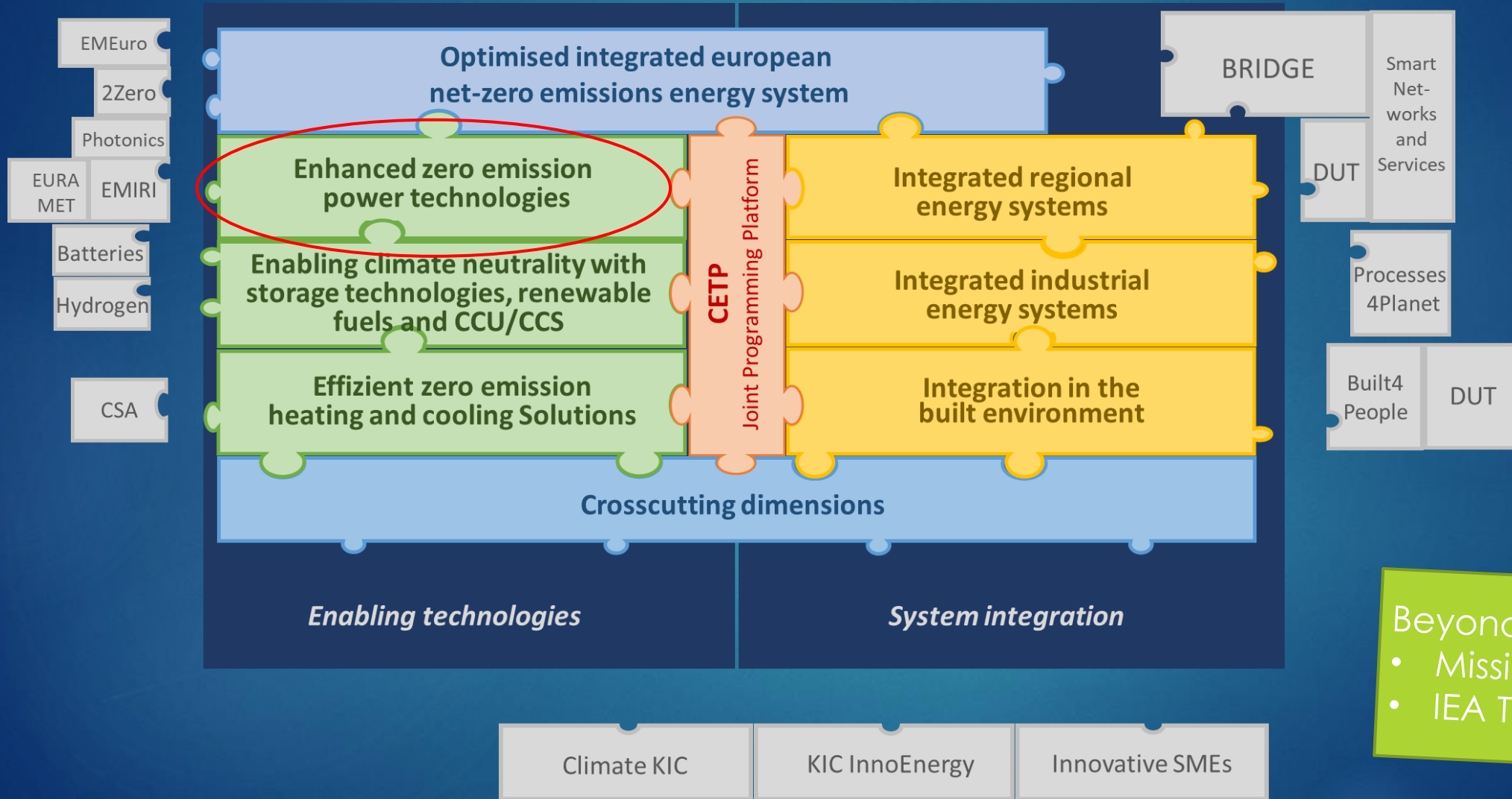
CETP in the European Ecosystem



Beyond Europe (e.g.)

- Mission Innovation
- IEA TCPs

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CETP Challenge 2

Enhanced zero emission Power Technologies

- ▶ **Enhance zero emission power technologies**, by increasing the conversion efficiency per unit or surface area by 30 to 40% and lowering technology production costs by 35 to 50 % until 2030, according to the potential and characteristic of the entire technology, as well as by **improving** their **system integration properties and impact**.
- ▶ The ambitions in the **zero emission power technologies** deal with the following challenges :
 - ▶ **Higher efficiency**
 - ▶ **Lower costs**
 - ▶ **Develop a sustainable production chain based on a circular economy approach**
 - ▶ **increase sustainability and social acceptance**
 - ▶ **Increase production flexibility**
 - ▶ **Optimize electric power storage**
 - ▶ **Hybrid solutions**
 - ▶ **Negative carbon dioxide emissions**

CETP Challenge 2 (II)

Enhanced zero emission Power Technologies

- ▶ Sub-challenges dedicated to the advancement of ocean energy have been identified in an input Paper on renewable technologies
- ▶ Those are:

CH1.8 Ocean Energy	CH1.8.1	Design and Validation of Ocean Energy Devices
	CH1.8.2	Foundations, Connections and Mooring
	CH1.8.3	Logistics and Marine Operations
	CH1.8.4	Integration in the Energy System



Thank you for your attention!

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