

**European Technology and
Innovation Platforms (ETIPs)
supporting the SET Plan in the
Horizon Europe era**

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Greg Arrowsmith
Secretary General, EUREC



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support for energy technology
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A European Technology and Innovation Platform is:

- A group of researchers in a particular energy technology producing recommendations on
 - R&D priorities
 - Industry policy
- Supported by R&D Framework Programme funding for its operations

Principles of operation:

- Balanced representation (industry/academic researchers; across subtechnologies)
- Governed by Terms of Reference requiring transparency of operation
- No fees paid by members





Core aim of ETIPs' in the Horizon Europe era

Produce recommendations for R&D policy

- Aiming at EU level, but also serving national governments and guiding the private sector
- Hope for closest collaboration with the EC and leaders of Clean Energy Transition Partnership & Driving Urban Transition Partnership
- Close collaboration =
 - Ideally: consulted on draft Work Programme
 - Alternatively: dialogue with the EC on recommendations

Produce recommendations on industry policy

- Produce reports demonstrating relevance to society (e.g progress on cost reduction), quality, sustainability, resource constraints and the stimulation of local manufacturing

Engage with “Europe fit for a Digital Age” agenda

- Imagine how the Common European Energy Data Space could be useful

Use European reach

- Exchange views between national and EU level in ‘national roundtables’
- Plan for Just Transition (changes in job market incl from coal phase out)

Counter misinformation

- Scientist members = trustable information

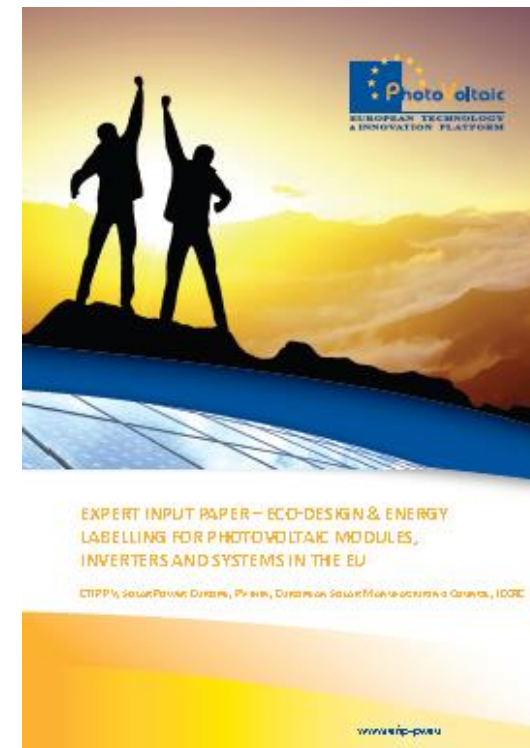
Matchmaking

- Bringing companies/R&D centre in contact with potential new customers or partners

Joint actions with other ETIPs

- Connected to energy system integration: heat for industry, power-to-X, buildings, storage...
- Or not: hybrid onshore of offshore projects, multipurpose projects, lithium for batteries

Examples of ETIPs' reports on industry policy



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EC indicated it will stop funding ETIPs around 2025

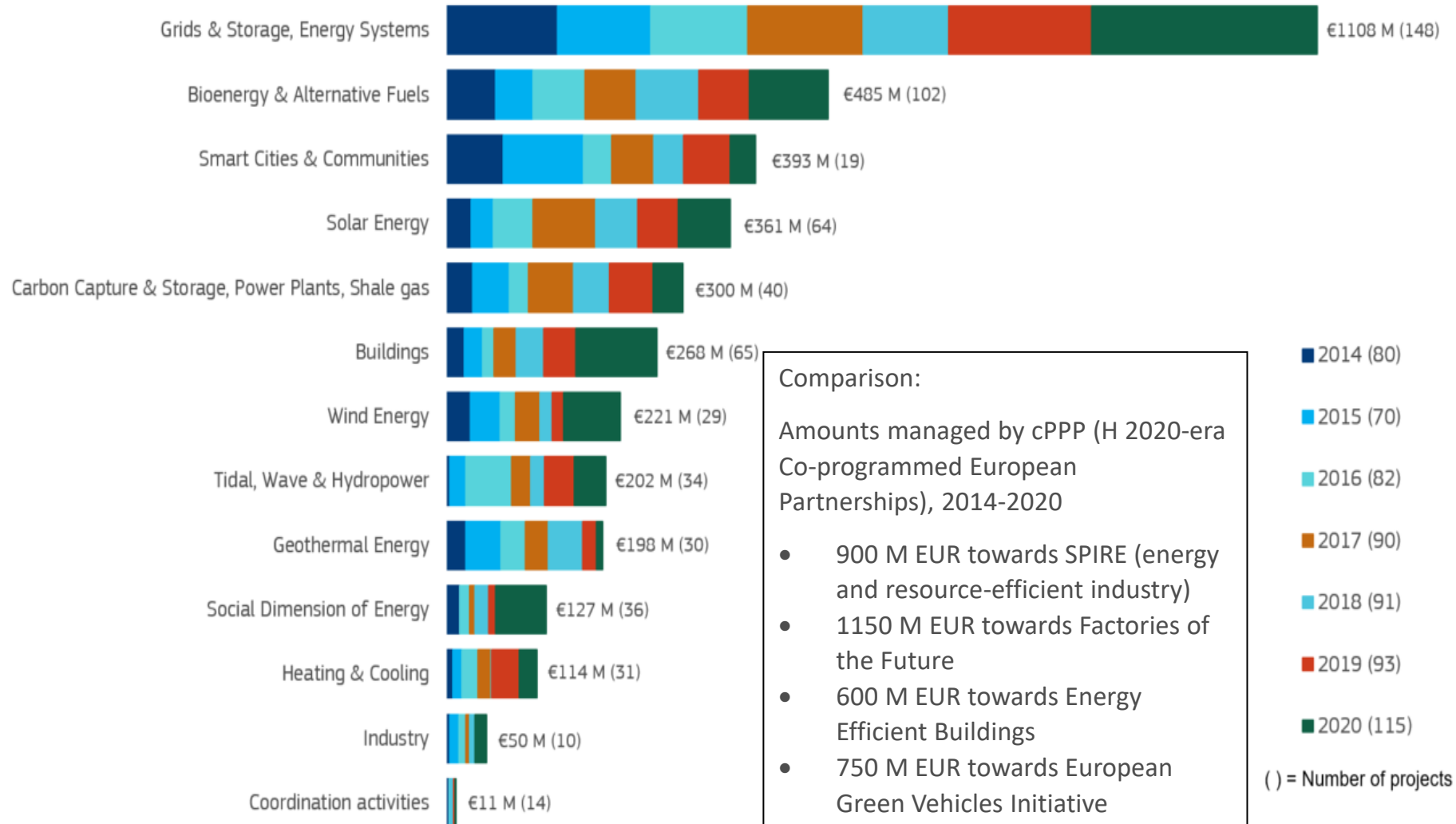
- Implies need for financial independence, but this is difficult:
 - ETIP must be different from industry association, EERA joint programme
 - Will most probably have less money
 - ETIP ethos under threat: will operate for the benefit of its paying members, not a community of researchers as a whole

What business models would keep them supporting the SET Plan?

Options being examined:

- 1: become “Co-programmed European Partnership”
 - Fee pays to run a +/- 2-person office. EC offers stakeholders in the CEP access to Work Programme
 - Need EC to agree to put a few hundreds of millions towards the ETIP’s sector, usually at the start of a Framework Programme

CINEA-managed H2020 Energy Portfolio



What business models would keep them supporting the SET Plan?

- Option 2 : incorporate as “research association”
 - Members are industry. Their fees pay for work they choose to contract to research teams. Results shared with all industry members, and only them.
 - Inward-facing: no need to speak to policymakers to accomplish its mission
 - National-level research associations exist (*Forschungsvereinigungen* in Germany). None at European level.

What business models would keep them supporting the SET Plan?

- Option 3 : data-sharing club
 - Benefits of Big Data accrue to those with big datasets. How do smaller players catch up?
 - Moves at EU level to make projects learn from each other: BRIDGE and ETS Innovation Fund knowledge-sharing rules; interest in data-sharing coming too
 - A body is needed to define a framework for data-sharing and knowledge-sharing
 - ETIPs as gatekeeper for Common European Energy Data Space service:
 - Creates and builds the community of users, manages process by which rules are agreed and updated, ensures the technical reliability of the service... for a fee



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