

TCP on User-Centred Energy Systems (Users TCP)

The TCP's mission is to provide evidence from socio-technical research on the design, social acceptance and usability of clean energy technologies to inform policy making for clean, efficient and secure energy transitions. Decarbonisation, decentralisation and digitalisation are embedding energy technologies in the heart of our communities. Communities' response to these changes and use of energy technologies will determine the success of our energy systems. Poorly designed energy policies, and technologies that do not satisfy users' needs, lead to 'performance gaps' that are both energy and economically inefficient. User-centred energy systems are therefore critical for delivering socially and politically acceptable energy transitions.

Main areas of work

- Enabling end-users to contribute to and benefit from energy systems
- Regulatory conditions for successful integration of end-use resources
- Business models for energy service delivery
- The influence of social-structural and behavioural factors on energy use
- Opportunities to influence behaviour to support clean energy transitions
- Supporting the TCP community to integrate user perspectives in energy research

Key activities and accomplishments (2017-2018)

- Several award-winning behaviour change pilot programmes
- "Fit-to-Serve" tool for entrepreneurs to move towards energy service delivery
- Project-level accounting framework to attribute multiple benefits of building renovations
- Dissemination of best practice through the [User-Centred Energy Academy](http://www.userstcp.org/academy) (previously DSMU)



The Users TCP Academy builds on 20 years of experience of the Users TCP. Users TCP Academy provides access to the knowledge developed in the agreement in a structured way. The Users TCP Academy is active through monthly webinars (www.userstcp.org/academy).

Priorities and projects (2019 – 2020)

- Relaunching of the TCP with a new focus on user-centred energy systems
- Energy services supporting business models and systems
- Global Observatory on Community Self-consumption and peer-to-peer trading
- Social license to automate demand-side management
- Hard to reach energy users
- Harnessing behavioural insights for energy efficiency policy
- Best practices in designing and implementing energy efficiency obligations 2.0
- Building on the success of the Users TCP Academy

Multilateral collaborations

- In 2017-2018 the Users TCP contributed content to two high-level IEA publications and presented its analysis at a variety of IEA events, including a strategic discussion with the Mission Innovation Challenge on Smart Grids (IC1), and a G20 workshop on behaviour change.
- Collaboration with end-use TCPs on socio-technical projects which will enable inter-disciplinary policy-relevant research

Membership



Australia



Austria



Belgium



Canada



Finland



India



Ireland



Italy



Korea



Netherlands



New Zealand



Norway



Spain



Sweden



Switzerland



United Kingdom



United States

- Efficiency One
- European Copper Institute
- Regulatory Assistance Project

Why should your organisation become a member of the Users TCP?

With end-users becoming central to energy transitions globally, the Users TCP is unique, as the only TCP focussing on the vital role of people in energy technology systems. Join us to be part of a collaborative research network focussed on designing technologies, policies, and business models fit for today's user-centred energy systems.

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The Users TCP is organised under the auspices of the International Energy Agency (IEA) but is functionally and legally autonomous. Views, findings and publications of the Users TCP do not necessarily represent the views or policies of the IEA Secretariat or its individual member countries.