



ETSAP WS series
Current practices

15.-16. 09.22

IFE, Norway
Teams

Good morning and welcome

Current practices: Human behaviour

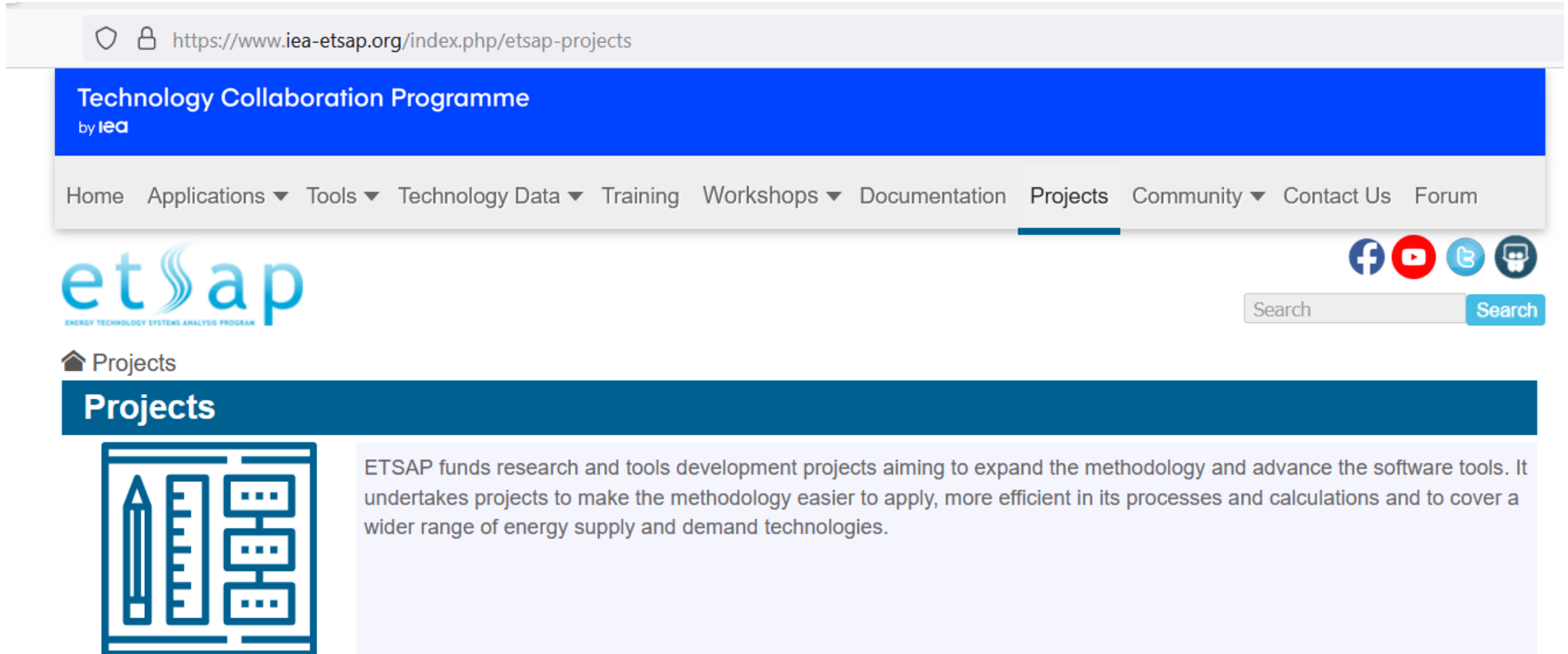
15.09.2022

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Renewable Energy Systems

Institute for Energy Technology (IFE)

ETSAP project: Workshop Series on Human dimension & Energy trade in energy system models



The screenshot displays the ETSAP website interface. At the top, the browser address bar shows the URL <https://www.iea-etsap.org/index.php/etsap-projects>. Below this is a blue header with the text "Technology Collaboration Programme by IEA". A navigation menu includes links for Home, Applications, Tools, Technology Data, Training, Workshops, Documentation, Projects (which is highlighted), Community, Contact Us, and Forum. The ETSAP logo, "et sap ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAM", is on the left, and social media icons for Facebook, YouTube, Twitter, and LinkedIn are on the right. A search bar is also present. The main content area features a dark blue "Projects" header, a home icon, and a blue icon representing a project (a pencil, ruler, and flowchart). The text below the icon states: "ETSAP funds research and tools development projects aiming to expand the methodology and advance the software tools. It undertakes projects to make the methodology easier to apply, more efficient in its processes and calculations and to cover a wider range of energy supply and demand technologies."

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🏠 Projects

Projects



ETSAP funds research and tools development projects aiming to expand the methodology and advance the software tools. It undertakes projects to make the methodology easier to apply, more efficient in its processes and calculations and to cover a wider range of energy supply and demand technologies.

ETSAP project: Workshop Series on Human dimension & Energy trade in energy system models



Special Workshop

Workshop series on Human dimension and Energy trade in TIMES models. For more details see [here](#).

- 📅 15th and 16th of September 2022 at IFE, Norway
- 📅 29th and 30th of November 2022 at Columbia University, New York City
- 📅 21st and 22nd of March 2023 at LTU, Luleå, Sweden

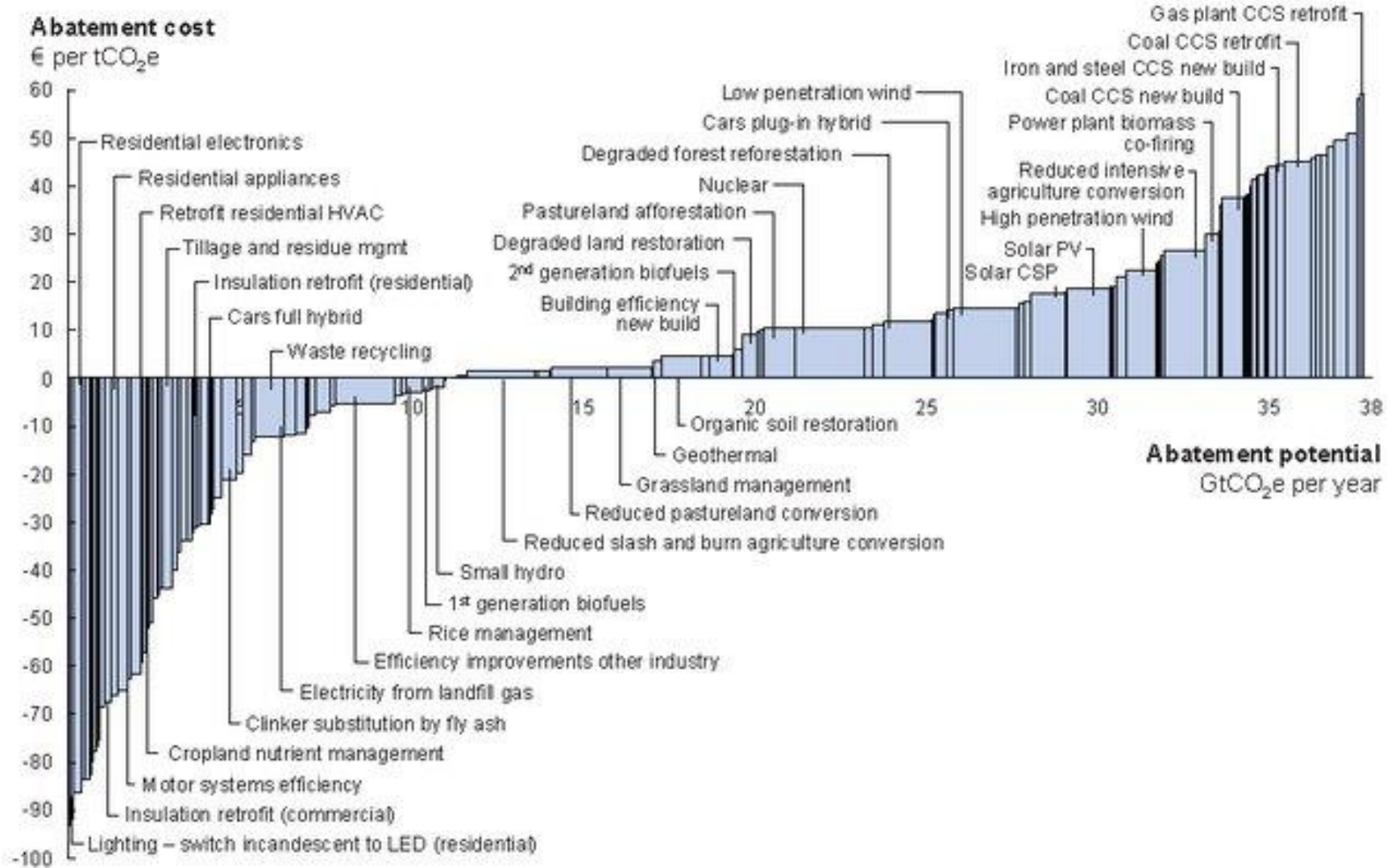
Motivation:

Human behaviour in energy system models

- Private households do not necessarily
 - make techno-economic investments
 - behave optimal from a system perspective
- Assuming rational behavior in ESM can underestimate developing needs and costs
- New values and norms can accelerate a sustainable energy system development



Human behaviour in energy system models



Note: The curve presents an estimate of the maximum potential of all technical GHG abatement measures below €60 per tCO₂e if each lever was pursued aggressively. It is not a forecast of what role different abatement measures and technologies will play.
 REFERENCE: MCKINSEY'S GLOBAL COST CURVE FOR THE YEAR 2030

Workshop series time schedule

Meeting 1: Current modelling practices, 15.- 16. 2022, September, Oslo

- Aim: Exchange knowledge needs
- Organizer: IFE

Meeting 2: Identifying main challenges, 29.-30. November 2022, NYC

- Aim: Identify knowledge gaps
- Organizer: GCEP
- WS Responsible:
 - Bio energy: VTT
 - Energy trade: GCEP
 - **Human behaviour: LTU**

Meeting 3: Improving methodology, 21.-22. March 2023, Luleå

- Aim: Discuss best practices
- Organizer: LTU
- WS Responsible:
 - Energy trade: VITO
 - **Human behaviour: UCL**

Workshop series deliverables

- **Q2 2023 Presentation at ETSAP Summer WS**
 - Human behaviour
 - Energy trade
- **Q3 2023 Project reports – Published at ETSAP web page**
 - Human behaviour
 - Energy trade
- Possible outcome: Joint research paper(s)
- Other outcome: Modelling collaboration among ETSAP partners

Agenda 15. September

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17:00 Walk to the Oslo opera and Ekebergparken

19:00 Project dinner at Ekebergrestauranten



Participants

Questions and comments?