

No time to waste reinventing the wheel

- Introducing the concept of a pan-European interactive knowledge transfer platform for radical energy savings.

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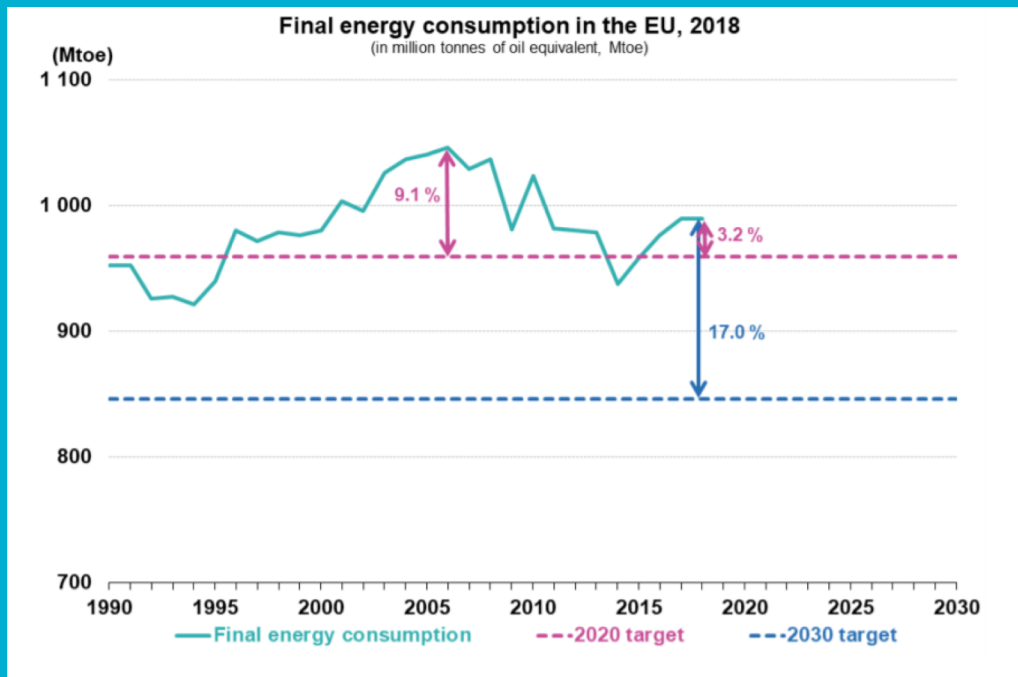
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Content

- State of play and drivers of energy savings
- Our research shows a need for new approaches
- Proposal: new tools for demand-driven knowledge sharing

Urgent necessity to accelerate energy efficiency implementation and move towards sufficiency



- Primary and final energy consumption in the EU still 5% and 3% away from 2020 targets.
- Uncertain design of economic recovery post-Covid-19.
- Profitable energy efficiency and sufficiency potential remain unexploited.

How to decrease energy consumption ?

Energy efficiency and sufficiency drivers

- Technological and non-technological innovations
- Policy instruments
- Educational & informational drivers about e.g.
 - Cost effectiveness of energy efficiency measures, R&D results, etc...
 - Examples of good practice
- Organisational drivers:
 - Long-term energy strategies
 - External cooperation and networking

Analysing existing networks (interviews)

ASEW DAS EFFIZIENZ-NETZWERK
FÜR STADTWERKE



INITIATIVE
ENERGIEEFFIZIENZ
NETZWERKE

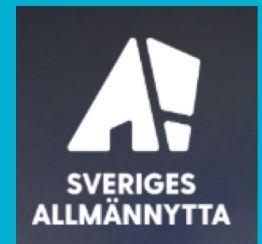
V&U

VERBAND KOMMUNALER
UNTERNEHMEN e.V.

atee
ASSOCIATION TECHNIQUE
ENERGIE ENVIRONNEMENT



BELOX
Effektiv energi i lokaler



**GEOTHERMIE SCHWEIZ
GEOTHERMIE SUISSE
GEOTERMIA SVIZZERA**

Driving success factors and challenges (interviews)

Common success factors

- Complementarity with national energy policies
- Keeping members up to date on sector development
- Examples of good practices provide inspiration
- Reinforce commitment and motivation for action to achieve goals
- Social aspects (networking between members)
- Development of new collaboration projects

Common challenges

- Hesitation to share experiences of failure
- Traditional formats (conferences, seminars, etc) prevents active participation
- Fragile network structure (limited life time in some cases) preventing long term commitment
- Lack of funding to professionalise network management
- Weak collaboration between practitioners and the research community and across sectors
- Country “bubble” (barriers to incorporate good practice from other geographies)

Conclusion from interviews and previous experience

- Potential to advance energy savings through knowledge transfer, but more emphasis is needed on activities enabling demand-driven learning for sector stakeholders.
- Tacit knowledge can be unlocked and shared between people to support development in new contexts through structured and learning-focused approaches for peer-to-peer dialogue.
- Demand-driven activities designed for capacity building are more resource-intensive and require more participant effort - but has much higher impact!

Proposal to create an interactive knowledge transfer platform for radical energy savings

RATIONALE (“why?”)

- We already have the solutions but the knowledge needs to be **customized** to new contexts. This requires focus on demand-driven organizational and individual **learning**.
- Untapped potential to exploit tacit knowledge/experience embedded in organizations and individuals. Requires skill, effort and a structured approach.

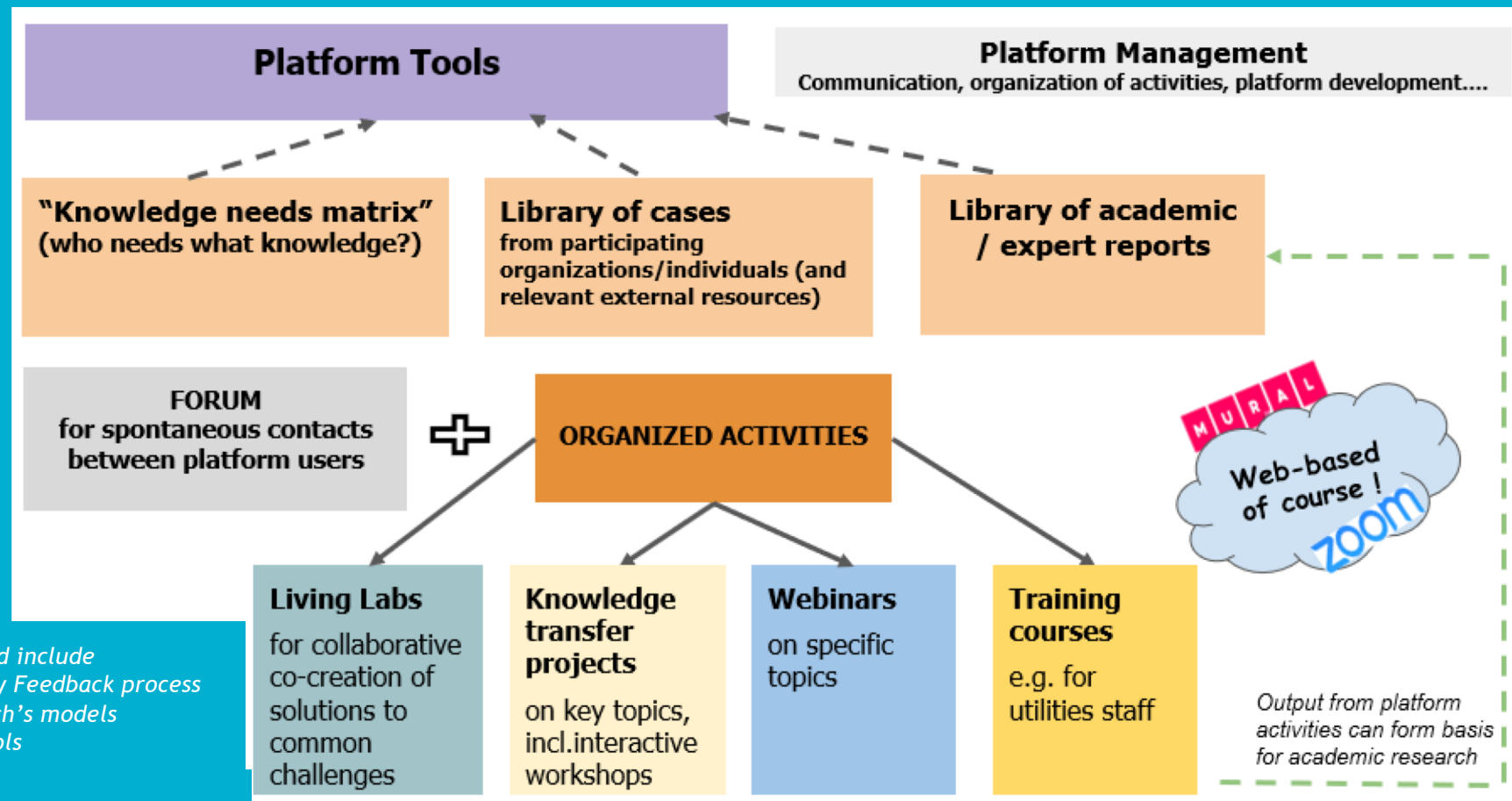
FOCUS (“what?”)

- Creating a platform for structured “**deep knowledge-sharing**” (strengthening Informational, Behavioural and Organisational drivers)
- Enabling meaningful, demand-driven and action-oriented peer-to-peer collaboration to accelerate towards energy sufficiency

Inspiration

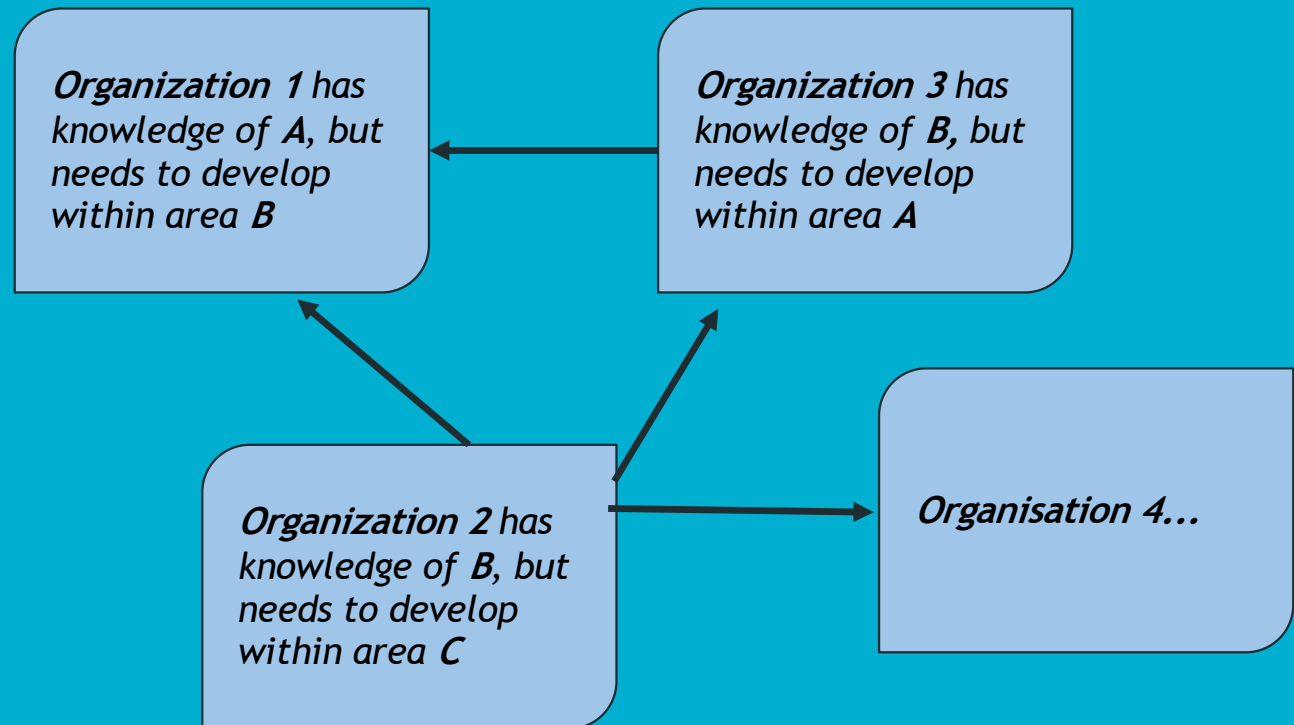
- LightSwitch, University of Geneva and SIG's experiences from working with interactive knowledge transfer and co-creation in various contexts (local, national and international)
- Other methodological tools, e.g the REX methodology for providing feedbacks on real projects
- Strong existing organizations like eceee, with committed members from all sectors
- Multiplication of online events due to pandemic
- Literature

Content: interactive knowledge transfer platform for radical energy savings

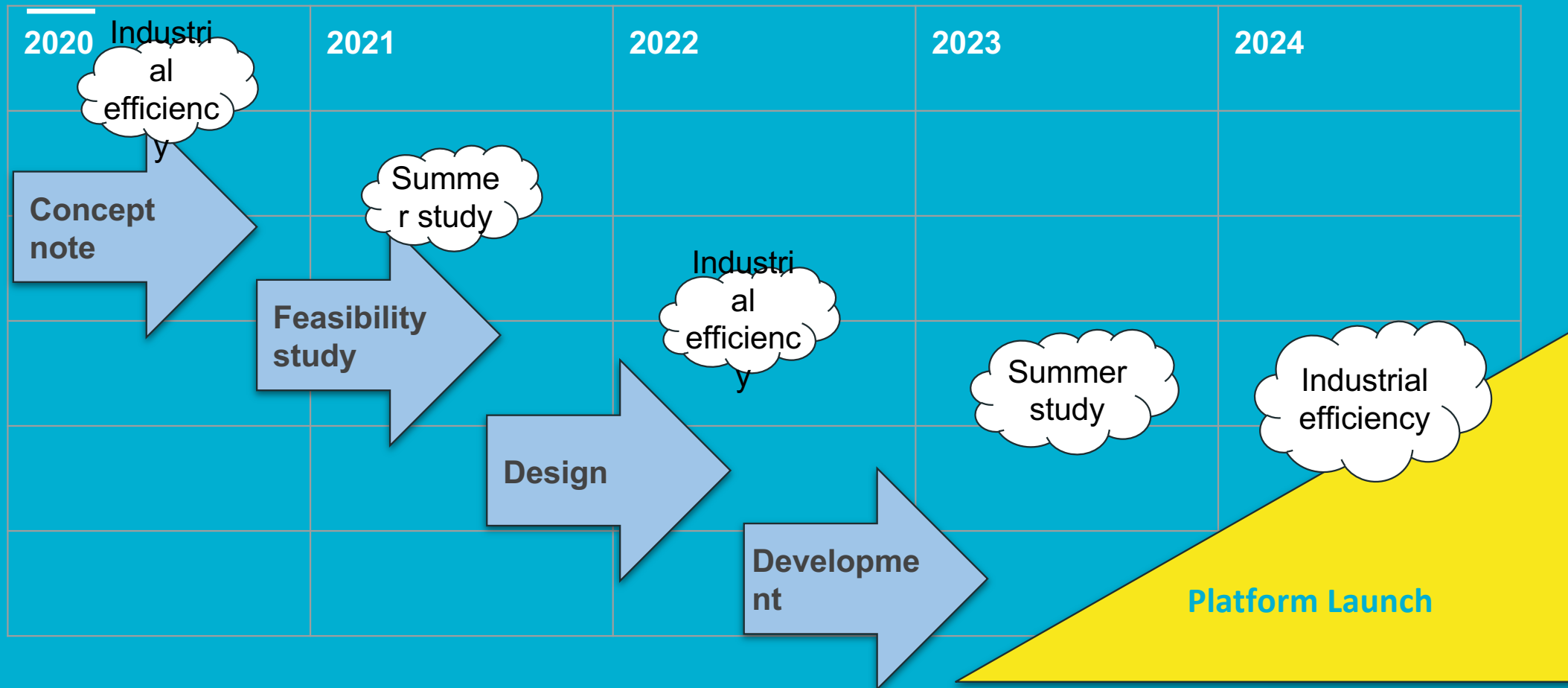


Knowledge needs matrix

Matching existing knowledge in individual organizations and development needs in others.



Platform planning and implementation



Summary

- The urgency of climate crisis calls for new ways of collaborating effectively and to capitalise much more on existing knowledge and experiences.
- Our research and experience suggests that structured methods for demand-driven knowledge transfer are not used extensively in existing networks in the energy sector.
- Building on the strength of the eceee international network and its emphasis on science-based evidence, we propose to create a knowledge transfer platform based on proven methods and successful experiences from other contexts.

Thank you!

We look forward to discussing the next steps of this initiative with you!