

Building and managing a virtual energy community the eCREW model

MEET/N/WORK – Hauptbahnhof 16 – 60329 Frankfurt

Wednesday 30th November | 13:00 – 18:00

Decentralization and Integration through Digitalization

Energy Communities (EC) have been gaining relevance for the past decades as the main leverage for involving citizens as key actors in the transition towards a more efficient and sustainable energy system. Given the disruptive potential of ECs model and the huge heterogeneity of its current implementation all around Europe, many issues need to be properly addressed to foster their flourishing.

Citizens need to be properly informed, motivated and provided with the right knowledge; the energy flows within the EC and the exchanges with the grid needs to be properly considered; the social, economic, legal and environmental impact needs to be properly assessed and, last but not least, the role of energy companies must be understood in order for the ECs model to be supported by the resources these actors are able to mobilize. And especially, energy utilities, retailers or distributors can play an active role in designing a new business model integrating ECs and local bottom-up developments.

The eCREW model is based on an innovative conceptual approach that makes available to the different actors of the energy system, new and powerful tools to address the challenges related to the production, distribution and sale of renewable energies. Indeed, eCREW model provides effective means to motivate citizens in joining an energy community and keep them involved; it provides practical tools to monitor the energy flows and to distribute the costs and the benefits among the members; it paves the way for the energy companies to exploit their competencies and assets by playing a key role in the sustainable renewal of our energy system and, finally, it could act as a connecting link between energy communities and the local authorities.

Agenda

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| 13:00 - 13:30 | Registration & Welcome |
| 13:30 - 14:00 | <u>The opportunities and the challenges</u> |
| 13:30 - 13:45 | Energy Communities in the EU energy system (Markus Schwarz, SIR, Austria) |
| 13:45 - 14:00 | The role of and the challenges for energy companies (ACEA, Follower Community) |
| 14:00 - 15:00 | <u>The eCREW model and tools</u> |
| 14:00 - 14:20 | The eCREW: concept and approach (Johannes Slacik, Energy Institute) |
| 14:20 - 14:40 | The digital platform (GreenPocket):
Monitoring, peak-load shifting and split incentive scheme |
| 14:40 - 15:00 | Customer and energy utility testimonials (Lukas Albert, SWH, Lighthouse Community)
Efficiency, behavioral change, energy flows |
| 15:00 - 15:30 | Coffee break |
| 15:30 - 17:00 | <u>The eCREW Implementation</u> |
| 15:30 - 16:30 | Lighthouse communities: enablers and barriers |
| 16:30 - 17:00 | Support for eCREW implementation in Follower Communities
(CEO Handbook; Open discussion)
Next FC event |
| 17:00 - 18:00 | Networking F&B |