Continuing Education and Qualification Scheme to Support the Commission’s Measures on Decarbonisation of Flexibility, Reduction of the Use of Natural Gas and Flattening the Energy Peaks

REPowerE(d)U
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FlexiSmart Home

One-stop-shop package integrating:

- Decarbonisation of buildings (energy efficiency measures);
- Decentralised generation of electricity from RES;
- Energy storage/hybrid systems;
- EV-chargers (e-mobility);
- Flexibility management;
- Non-energy services/benefits;
- Sector integration...
## BUSINESS PLAN

### Key Metrics

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Trainers (increase of 10 trainers annually)</th>
<th>Number of Trained Trainees (100 trained trainees per trainer annually)</th>
<th>Cumulative Trained Trainees</th>
<th>Number of Teams</th>
<th>Number of Customers Reached and Transformed per Team*</th>
<th>Number of Customers Reached, Transformed, and Managed by All Available Teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>2027</td>
<td>40</td>
<td>4000</td>
<td>4000</td>
<td>1333</td>
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<td>8000</td>
<td>30000</td>
<td>4285</td>
<td>500</td>
<td>2,142,500</td>
</tr>
</tbody>
</table>

*Number of teams and customers reached and transformed are recalculated on full-time basis.

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**PLANNING SMART ENERGY SOLUTIONS IN BUILDINGS BASED ON DISRUPTING INNOVATIONS IN THIS AREA**

- Installing Distributed Electricity Generation Systems from Renewables
- Installing Energy Storage Solutions in Buildings
- Smart Orchestration of Energy Assets in Buildings
- Testing Installed Smart Energy Solutions in Buildings
- Maintenance of Smart Energy Solutions in Buildings
- Operating Smart Energy Solutions

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**Co-funded by the European Union**
INOVATION IN LEARNING

Extended Reality (XR) training includes

• Augmented Reality (AR)
• Virtual Reality (VR) technology
• Mixed Reality (MR)

Making the learning more interactive and engaging.
Goal is to create an engaging program

Four modes of learning:

- **Didactics** (being taught): the modern employees’ preference for acquiring new knowledge;
- **Discovery** (finding out for oneself): their preference for problem-solving and staying up to date;
- **Discourse** (interacting with others): this remains a key learning method for trainees;
- **Doing** (engaging in activities): the learn-by-doing method will always be relevant.

The interconnection of the 4Ds of Learning:

- **Didactics**
  - Formal Learning (Being taught)
  - Classroom training
  - Guided social learning
  - OTJ learning activities
  - simulations AR, VR & MR
  - self-paced courses

- **Discovery**
  - Experiential Learning (Learning from work)
  - Doing the day job
  - Working with coach/mentor
  - Job aids etc
  - Doing the day job

- **Discourse**
  - Social Learning (interacting with others)
  - Professional social network (follow, interact)
  - Conferences
  - Networking events
  - Live talks
  - Book clubs, etc

- **Doing**
  - Informal Learning (Finding things out for oneself)
  - Non-digital resources: books, magazines, etc
  - Digital resources: videos, podcasts, blogs, articles, etc
  - (search, subscribe, curate)
Thank you for your attention