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Sustainable Energy Citizenships - SEC



Contract n° EIE/07/116/SI2.467612, 9/2007 – 05/2010, Version of 3rd September 2010

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Key project data

- **Duration:**10/2007 – 05/2010
- **Budget:**€ 694,214 (EU contribution: € 347,108)
- **Contract number:**EIE/07/116/SI2.467612

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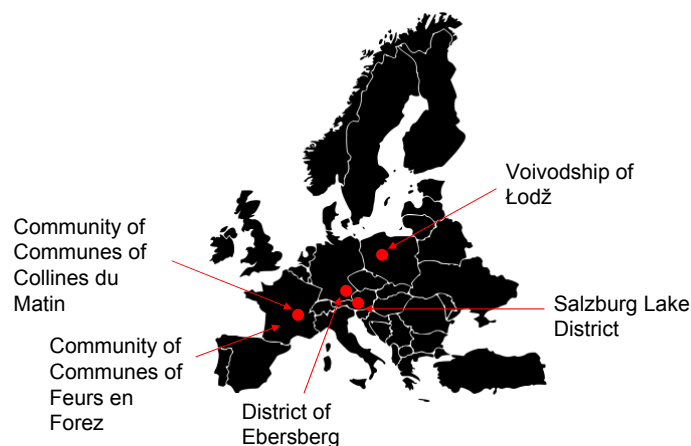


Project partners

- B.A.U.M. Consult GmbH, Germany (coordinator)
- Landratsamt Ebersberg, Germany
- Communauté de communes de Feurs en Forez, France (involving also the Communauté de communes de Collines du Matin, France, through bilateral agreement)
- Loirénergie, Agence Technique pour une Énergie Respectueuse de l'Environnement, France
- Regionalverband Salzburger Seenland, Austria
- Salzburger Institut für Raumordnung und Wohnen, Austria
- Instytut Paliw i Energii Odnawialnej (IpiEO), Poland



Target regions





Background

- In the EU FP5 project „100% RENET“, some 30 European regions aiming at 100% renewable energy supply have been studied and relevant success factors have been identified.
- The results were condensed in the guidebook „On the way to the 100% region“.
- A main finding of „100% RENET“ was that in many regions, activities with regard to rational use of energy and renewable energies lack coherence and efficiency.
- Further, citizens and relevant players are often not sufficiently involved and/ or the necessary implementation structures are not complete.
- The project SEC implemented the lessons learnt in „100% RENET“ and established coordinated development processes in three European target regions.



Activities

- Set-up of road-maps towards sustainable regional energy supply on the basis of SWOT-analysis and RES and RUE potential assessments;
- Involvement of a broad range of citizens and local stakeholders;
- Voting of road-maps by the political authorities;
- Newly created and existing organisations received the mandate and clear responsibilities to implement the road-maps;
- Immediate start of implementation of lighthouse projects;
- Intensive dissemination activities within the target regions and beyond with a particular focus on Poland.



Achieved results

- Ambitious regional road-maps towards sustainable energy supply with clear objectives, milestones and lighthouse projects in the three target regions in Germany, France and Austria;
- Regional implementation structures with clearly defined responsibilities for the road-maps;
- In May 2010 the already implemented installations that can be traced back to the project produce 10.4 GWh heat and electricity annually; including planned installations, 125 GWh will be achieved during the next years;
- The voivodship of Łódź in Poland, could be won as a replicator region;
- The English and Polish translation of the handbook “On the way to the 100% region” was produced and can be ordered from the Polish project partner IPIEO;
- A broad range of public materials, giving guidance to potential replicator regions, has been put on the project website www.sec-project.eu ;



Lessons learnt

1. When formulating a vision for the energy supply of a region “thinking big” can be recommended: even if many will consider an ambitious aim, such as the 100% supply from renewable energy sources, rather symbolic than realistic, such a vision can trigger decisively a regional dynamics which is a fundamental precondition for achieving the defined objectives.
2. If many citizens are successfully involved in regional processes, the chance exists to reintegrate even measures that have been categorically excluded in advance, e.g. wind parks, as elements of a wider package of measures and actions. It is important that the dissemination activities about such critical elements are very comprehensive and leave room for controversial debates and the discussion of critical aspects. If possible, site visits to other regions with installations similar to those that are critically seen should be organised.




Lessons learnt (cont.)


3. It is inevitable to combine elements of rational use of energy with measures for the deployment of renewable energies. In particular, energetic refurbishment of the existing building-stock must be considered because it has a very high potential for energy savings.
4. It might come out that the identified options, at least when taking into account the actual state-of-the-art and disregarding future technical developments, do not allow to supply the region entirely from regional renewable energy sources. Then, the option of import of renewable energy from other regions, e.g. off-shore wind power or wood from neighbouring regions with a larger forest area, can be integrated in the developed scenarios.
5. It is important to define an implementation structure for the developed action plans. Here, people who are already (voluntarily) active in the field of sustainable energy should be involved and the establishment of duplicate structures should be avoided.



Lessons learnt (cont.)

6. If, for instance, an already existing working group is nominated to be (the core of) the implementation structure, it is important that the nomination is legitimised by the relevant institution, e.g. a committee of the district assembly or a community assembly, and that it is documented and widely communicated.
7. General communication of the citizens and awareness-raising should happen via a wide range of various communication channels.
8. Consultation services for citizens need to be low-threshold offers for being accepted. It is important that such services can easily be reached and at least the first basic consultation is free of costs for the citizens. Appropriate locations for basic consultation are town halls and other public establishments, but equally well the branch offices of local saving banks. The consultation can be done by energy consultants, but also by trained employees of the respective institutions.

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Project website

- Information on the project and the target regions
- Detailed documentation of the regional processes (free down-load)
- Model dissemination materials used in SEC (free down-load)
- Publishable report in English, German, French and Polish (free down-load)

www.sec-project.eu

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