Monaco

Organisation

In 2011, the Principality of Monaco decided to implement the European Energy Award (eea) under its own national label. The positive experiences gained with the Swiss Energiestadt programme in the previous years and the successful implementation of the eea (“Cit’ergie”) in France motivated Monaco to make the effort to adapt the system to its national circumstances.

The adaption of the eea represents a special challenge, as the Principality of Monaco is a city state on a compact territory. Therefore, a special system for the process, the auditing and awarding is being developed with our partners from France and the Association European Energy Award AISBL.

Status of the eea in Monaco

In 2013, the Principality of Monaco defined an energy action plan for the next four years, which contains 55 actions linked to the EEA Management Tool and covers all of the domains. This action plan was developed through a series of workshops and involved a comprehensive participatory process, both at the technical and the decision-making level. The steering committee approved the action plan in November 2013. This action plan has been approved by the Council of Government with a final validation of H.S.H. Prince Albert II in December 2013.

2014 was the first year in which Monaco’s action plan was implemented. Special attention was given to energy savings and energy substitution solutions, the evaluation of the local impacts of climate change, the definition of an adaptation strategy, and the mobilisation of the private sector. On 14 November 2014, Monaco officially received the European Energy Award during the 2014 eea awarding ceremony held at the Hotel Novotel in Monaco.

Figures

<table>
<thead>
<tr>
<th>Size</th>
<th>2 km²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhabitants</td>
<td>38,300</td>
</tr>
<tr>
<td>Workplaces</td>
<td>50,000</td>
</tr>
<tr>
<td>Entrance in</td>
<td></td>
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<tr>
<td>eea programme</td>
<td>2011</td>
</tr>
<tr>
<td>eea award</td>
<td>2014</td>
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</tbody>
</table>

Status beginning of 2020

Principality of Monaco: eea certified since 2014

National office

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The European Energy Award (eea) is a quality management, benchmarking and awarding system for local authorities. Committed to sustainable local climate policy the eea supports, through its process, instruments and qualified advisors, the planning and implementation of local actions in all relevant areas (such as e.g. spatial planning, buildings, water, waste, or mobility).

Today around 65 million people live in one of over 1500 participating local authorities from 15 countries.

The eea helps implementing national and European goals and is recognized as excellent implementation tools of the Covenant of Mayors.

Further information: www.european-energy-award.org

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**Good practice examples of Monaco**

**Sea water heat pumps**

Monaco is a leading territory in the domain of seawater heat pumps use. This technology has first been implemented in 1963 by the government and was then continuously chosen in public and private operations when possible. Nowadays the renewable energy produced by those pumps is close to 16% of the total energy used in Monaco (including road fuels).

Monaco recently renewed it’s support to this technology through it’s participation in a research project aiming at it’s wider diffusion while controlling it’s impact on the sea ecosystems.

**Urban Distribution Centre (logistic hub)**

Monaco has set a logistic platform, mandatory for the majority of deliveries on the territory. Every road carrier stops in a warehouse outside Monaco where a monopolistic company is in charge of the last kilometre delivery, allowing for the use of medium sized vehicle and optimization of tours.

This functioning has been studied by the French Environment and Energy Management Agency ADEME and set as example of what the future of urban delivery could look like in dense areas (“Logistique urbaine, Agir Ensemble” - ADEME 2010).

The CO₂ saving of this system has been assessed by ADEME at 37%.