

OUTPUT FACT SHEET

Tools

Version 2

Project index number and acronym	CE1449 ENES-CE
Output number and title	OT.1.3 Revision of local energy plans
Responsible partner (PP name and number)	PP08 Municipal Utilities Pfaffenhofen (SWP) PP09 Citizen Cooperative Pfaffenhofen (BEG)
Project website	https://www.interreg-central.eu/Content.Node/ENES-CE.html
Delivery date	09.11.2020
Summary description of the key features of the tool (developed and/or implemented) and of its transnational added value	

Regarding Output O.T1.3 mainly two achievements are important. On the one hand it was very helpful to have another look at the energy and climate protection plans and improve them. On the other hand, the workshops and ideas towards pilot actions have been very active and fruitful. All in all, the main challenge this tool addresses is, to fight against climate change and especially plan and think about possible solutions in a specific region and with the suiting local stakeholders.

The main focus has been the workshops. So therefore, now the energy plans have been further developed and improved. In addition, some concrete suggestions to tackle the problems have been made and will be implemented. This shows the citizens how every single one can promote change.

The development process was based on the hands-on mentality in Pfaffenhofen. Therefore, it was driven by possible specific projects, which then led to adjustments in the bigger picture. The transnational input was valuable but not as resounding as in other deliverables as very local aspects had to be tackled as well. E.g., Pfaffenhofen already had some kind of energy plans and has its very own approach of doing citizen energy projects.

The tool has been tested somehow as the workshops already occurred and brought up very good ideas and solutions.

E.g., different ideas have been brought up and 2 of them have been selected. One each by PP08 and PP09. The three ideas have been the following:

- PP08
 - **Battery Swarm Storage**
 - Public Mobility Improvement
 - Power2Gas
- PP09
 - **CO2 Apocalypse Clock**
 - Citizens Wind Farm
 - CO2 Fund

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

The German tool was mainly developed in Germany and therefore in the following NUTS region: DE21J

Communication with the following NUTS regions has been constantly maintained:

- ITH58
- HR046
- HU101
- PL314
- SI012

Expected impact and benefits of the tool for the concerned territories and target groups

With this work, the development and improvement of energy plans will hopefully be easier for communities. So, it is expected that it shows other stakeholders, that those plans and the actions behind it, are possible.

The ones who will benefit from these tools are the share- and stakeholders who work closely together with local authorities and citizen cooperatives. It will also improve the communication between the different parties. In the best-case scenario, it will help to unite different parties with a common goal in the future and motivates a lot more citizens than before.

As the policy in Pfaffenhofen is already very conscious on climate change it did not really lead to an uptake but helped to get more input and from different perspectives. Nevertheless, the citizen participation was improved, but potential got lost because of the pandemic restrictions. So in the future, the effects will probably be even bigger.

Sustainability of the tool and its transferability to other territories and stakeholders

The most important thing here is to show, that changes in energy plans can be made. With this best practice in every country, it should lead to long-term changes towards fighting the climate crisis. It will have long-lasting effects as e.g., the climate plans in Pfaffenhofen are a long-term project. It can be used in other regions, especially in Germany, and show them how the approach was. It can be adapted to other countries as well, but of course not 100%, as the general framework is different in every country.

Regarding the output in Pfaffenhofen many people and stakeholders can benefit from the results. To mention just some of them:

- Local Authorities
- Citizens
- Citizen Cooperatives
- Companies
- ...

One lesson learned has been, that is very important to involve all people that are affected. In addition, it is very helpful to have events on a regular basis, which of course is easier, when there is no pandemic.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

<https://www.interreg-central.eu/Content.Node/ENES-CE.html>

Deliverables:

D.T1.2.4 Local energy plans revision based on citizens and other stakeholder inputs

D.T1.2.5 Workshop 2: Technical workshop on the revised energy plans: presentation of the top 3 selected projects

D.T1.2.6 Communication strategies for presenting the revised energy plans to the general public

D.T1.2.7 Workshop 3: Presentation of the new energy plans to the wider public

D.T1.2.7 WORKSHOP 3

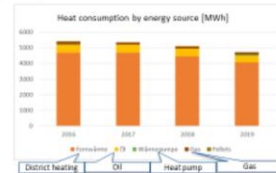
Energy Report 2020 - Total water consumption



City Council meeting on 10.09.20 | Public part



Energy Report 2020 - Heat consumption by energy source



The share of renewable energy is over 88%.

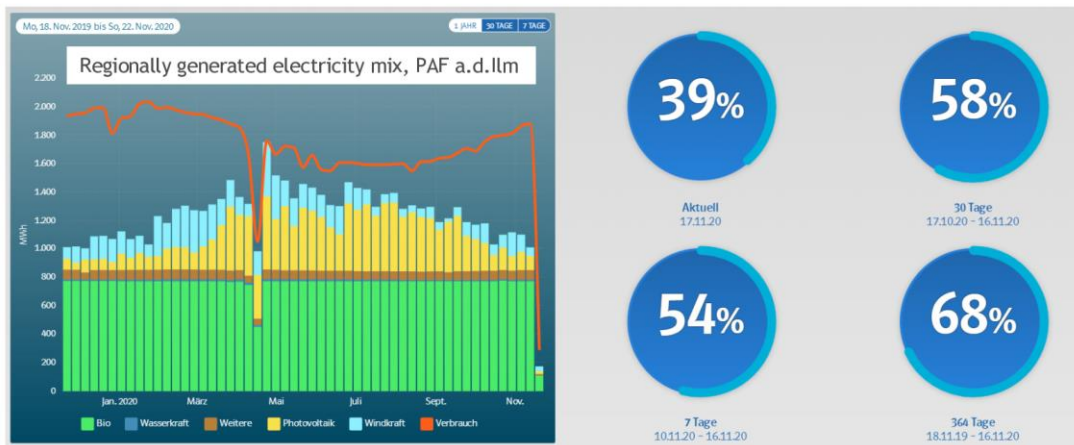
City Council meeting on 10.09.20 | Public part



D.T1.2.7 WORKSHOP 3

Development of the share of regenerative energy

(self-generated energy from regenerative sources without purchase from the public grid)



Development of the share of regenerative energy

D.T1.2.7 WORKSHOP 3

Energy Report 2020 - Outlook

- The new kindergarten buildings Am Apfebaam, Am Hopfastadl and the Maria Rast extension will increase the total energy demand
- Major rehabilitation measures in the medium term: Niederscheyern School Centre, FW Uttenhofen, KiGa St. Elisabeth and Josef Maria Lutz School
- In connection with the climate protection concept 2.0, a long-term remediation plan for the properties is to be drawn up
- Increasing consideration of climate change adaptation measures (summer heat protection) necessary

City Council meeting on 10.09.20 I Public part



Energy Outlook

D.T1.2.7 WORKSHOP 3

Energy report and dynamic energy project roadmap:

Project development AND project implementation by citizens' groups (e.g. esv), citizens' "companies" (e.g. BEG/PP09) and the other stakeholder (e.g. Stadtwerke PAF).



Target 100 % own electricity generation from
100 % renewable energies

