

TAKING
COOPERATION
FORWARD

📍 Pfaffenhofen 19.11.2020

💬 D.T1.2.5: Workshop 2, 26.06.2020: Technical workshop on revised energy plans:
Presentation of the top 3 selected projects

👤 Bürger-Energiegenossenschaft Pfaffenhofen (PP09) & Stadtwerke Pfaffenhofen (PP08)

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Introduction

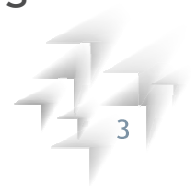
A number of highly committed citizens volunteer to contribute their ideas free of charge to create new citizen energy projects. Some citizens also work in several organisations and groups. Project ideas are verified and further supported by experts, e.g. the BEG, until they become project development projects. The group of LPP[©] (Leader, Peers and Pioneers) in the city is committed to working with other stakeholders to overcome the technical, economic, legal and administrative hurdles. Indeed, this practical project development is also a selection process.



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Introduction

Within the framework of the Thinkathon series (periode 2), the SWP and the BEG supports and developed the ideas of Citizen step by step further on. This was the task and led to the required output of citizen energy projects in period 2 of the project. This practical project development costs money and very much commitment. This very active process with citizens playing the leading role is, as mentioned, a real and hard selection process. The output within the development of the Citizen Energy Project exactly reflects the "uniqueness" of the citizen involvement in Pfaffenhofen. The "citizen-entrepreneurs" work like unpaid project developers, the stakeholders pay for the necessary external services - here in the context of the EU-project in advance - as well as bring in their own contributions to the citizen-energy-projects.



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Introduction

Several energy paths are followed, improved and at the same time the energy plans are dynamically adapted. In other words, citizens' energy projects are the dominant tool to drive the energy plans forward.

The projects control the energy plans and not vice versa

Several citizen en

Six citizen projects have been created or actively renewed during the development of the climate protection- and energy plans in the frame of the EU-Project (3 by the BEG und 3 by the SWP).



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Examination of the energy paths in the preparation and during the workshop with regard to the overall efficiency

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The projects control the energy plans and not vice versa

- Energy path 1: Reduction of Heat consumption
- Energy path 2: Reduction of electrical power consumption
- Energy path 3: Reduction of water consumption
- Energy path 4: Traffic reduction within the city
- Energy path 5: Increasing CO2-Compensation mechanisms
- Energy path 6: Strengths of committed citizens



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Project selection before and in the workshop 2

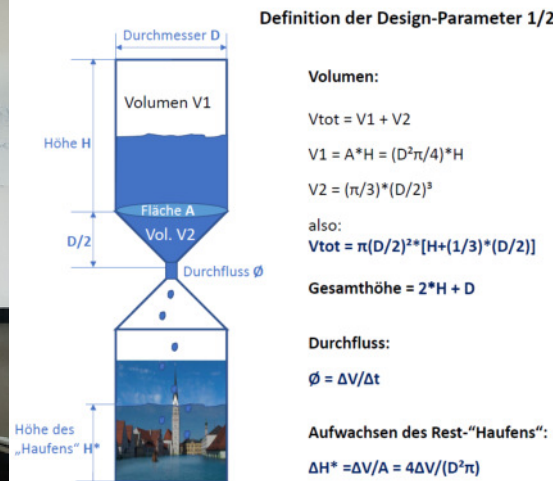
- **Energy Column** - Energy column and CO2 display for sensitisation and status indication
- **Development of local CO2 compensation fund** - Local CO2 compensation fund to support regional climate protection projects
- **Citizens wind farm** - Citizen wind farm with three turbines, 12.6 MW (22 GWh); (Withdrawn from the EU project)
- **Battery swarm project SWP** - Several small local energy stores
- **PowerToGas SWP** -
- **City Bus Concept SWP** (Withdrawn from the EU project for security reasons)



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Workshop focus: Energy column

The Energy Column in particular was worked on in technical detail. The following pictures and impressions show a part of the results.



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Awareness-raising activities



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Workshop result: Further motivation of the citizen



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Workshop result: Further motivation of the citizen

