




EVENT REPORT

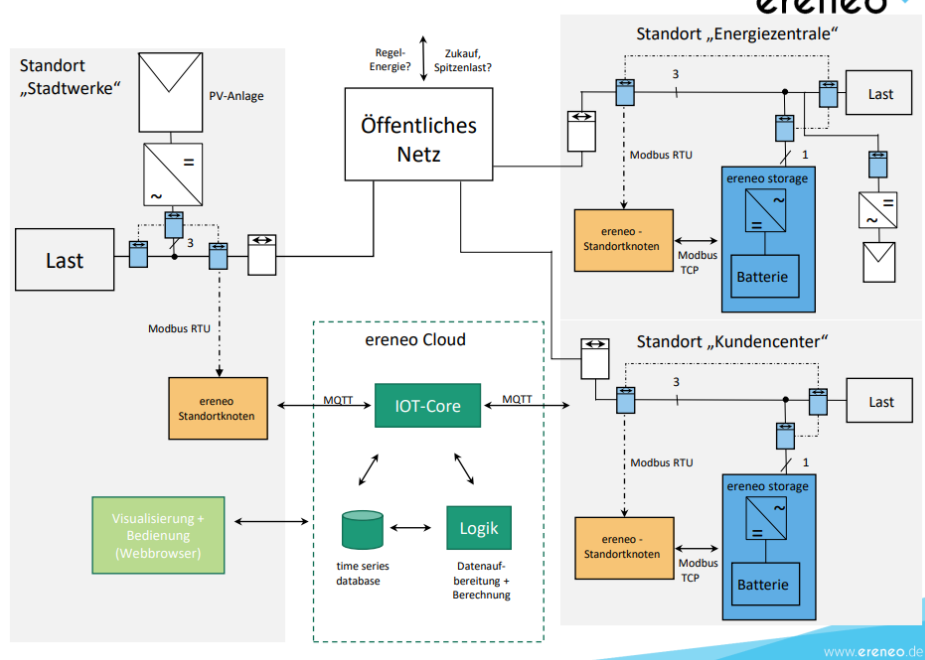
Title of Event: D.T3.2.1 Workshops for citizens and stakeholders

Date & Place of Event:	July 19 th , 2021, Pfaffenhofen
Partner/s Involved:	PP08 Municipal Utilities Pfaffenhofen; PP09 Citizen Cooperative Pfaffenhofen
Relation to Project:	Meeting between PP08 and PP09 and external experts. Goal was to concretise the pilot project of the battery swarm storage
Topics tackled and description of links to deliverables/outputs	<ul style="list-style-type: none"> - Schematic connection of the batteries has been developed, important points: <ul style="list-style-type: none"> ➤ Connection of 3 locations shall be made → 1 with battery + photovoltaic, 1 with only a battery, 1 with only photovoltaic → maximum of different locations → 2 batteries in total ➤ For the AC/DC converter Victron could be a good supplier due to an open interface ➤ Different communication protocols will be used ➤ Energy flow direction meters shall be key for the communication between locations. They will deliver the data of loading and unloading ➤ The data should be exchanged in a virtual cloud ➤ The data of each location will be sent into the cloud ➤ Main field of testing will be in the logical steering of the locations ➤ Visualization has to be guaranteed in the end - Battery technology <ul style="list-style-type: none"> ➤ for the pilot projects Lithium-iron-phosphate have been selected, because they are available, the technical specifications are suiting the use case and they have less rare minerals than others ➤ for the future expansion of the swarm storage, sodium-ion batteries (saltwater batteries) will be considered. Therefore, the scheme will be designed to fit those batteries as well ➤ Size of the batteries: ~ 5 kWh - First offers have been discussed - Business cases

<p>Expected effects and follow-up, findings/conclusions that will contribute to achieving further project results</p>	<ul style="list-style-type: none"> - Virtual and technical net integration - Findings: <ul style="list-style-type: none"> o Battery system has been determined o Important connection scheme has been developed o Technically and virtually the system can be erected 																		
<p>Type of audience reached (project target groups)</p>	<p>Numbers of reached target groups in the framework of event:</p> <table border="1" data-bbox="475 611 1412 1191"> <thead> <tr> <th>TARGET GROUP</th> <th>VALUE</th> </tr> </thead> <tbody> <tr> <td>LOCAL PUBLIC AUTHORITY</td> <td>1</td> </tr> <tr> <td>REGIONAL PUBLIC AUTHORITY</td> <td>0</td> </tr> <tr> <td>SECTORAL AGENCY</td> <td>2</td> </tr> <tr> <td>INFRASTRUCTURE AND PUBLIC SERVICE PROVIDER</td> <td>1</td> </tr> <tr> <td>INTEREST GROUPS INCLUDING NGO's</td> <td>1</td> </tr> <tr> <td>HIGHER EDUCATION AND RESERACH</td> <td>0</td> </tr> <tr> <td>BUSINESS REPORT ORGANISATION</td> <td>1</td> </tr> <tr> <td>GENERAL PUBLIC</td> <td>1</td> </tr> </tbody> </table>	TARGET GROUP	VALUE	LOCAL PUBLIC AUTHORITY	1	REGIONAL PUBLIC AUTHORITY	0	SECTORAL AGENCY	2	INFRASTRUCTURE AND PUBLIC SERVICE PROVIDER	1	INTEREST GROUPS INCLUDING NGO's	1	HIGHER EDUCATION AND RESERACH	0	BUSINESS REPORT ORGANISATION	1	GENERAL PUBLIC	1
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<p>Annexes (photo, media coverage web-links ect.,...)</p>																			



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