



EVENT REPORT

<p>Title of Event:</p>	<p>D.T3.10.1: Workshop 3 in 2021 as part of the ENES-CE project for residents and other stakeholders in the Niemce Commune in order to create a citizen energy group:</p> <p>"Signature of the Agreement on the establishment of the "Niemce Energy Cluster" and documents enabling the implementation of further design project activities by the energy cluster, planning further activities of the cluster".</p>
<p>Date & Place of Event:</p>	<p>22nd October 2021, conference room at the Niemce Commune Office, 121 Lubelska street, 21-025 Niemce, Lubelskie Voivodeship, Poland.</p>
<p>Partner/s Involved:</p>	<p>PP10 Lubelskie Voivodeship and the Niemce Commune.</p>
<p>Relation to Project:</p>	<p>Meeting with stakeholders organised by a partner PP10 Lubelskie Voivodeship with the Niemce Commune.</p>
<p>Topics tackled and description of links to deliverables/outputs:</p>	<ul style="list-style-type: none"> - Signature of the civil law agreement on the establishment of the Energy Cluster in the Niemce Commune, in the Lubelskie Voivodeship: "Niemce Energy Cluster" and the cooperation of the Cluster Members, along with attachments. - Appointment of the bodies of the "Niemce Energy Cluster", establishment of the Cluster Council, election and appointment of the Chairman and Vice-Chairman of the Council, election and appointment of the Energy Cluster Coordinator. - Signature of the Letter of Intent - on the decision, of the members of the energy cluster in the Niemce Commune, in the Lubelskie Voivodeship: "Niemce Energy Cluster", on the choice of the pilot action to be implemented in the timeframe of the ENES-CE project in the Niemce Commune in the Lubelskie Voivodeship: a pilot action of environmental education for the local community as part of information and promotion meetings to raise awareness on the possibility of reducing low emission in the commune and on the possibility of choosing air quality notification systems in the future: "Every resident and entrepreneur from the Niemce Commune can contribute to clean air in the Commune". - Presentation and consultation of added investment activities in the document: Low-Carbon Economy Plan for the Niemce Commune for 2021-2030 with a vision of activities until 2050 (Update), in accordance with the suggestions of the participants of workshop 2 in 2021.



	<ul style="list-style-type: none"> - Discussion on the proposal for the draft document Cluster Strategy containing detailed goals and tasks of the cluster as well as discussion on the proposal of the cluster logo and further steps in the ENES-CE project (meeting dates for pilot educational action to be carried out by the Niemce Energy Cluster). 																		
<p>Expected effects and follow-up, findings/conclusions that will contribute to achieving further project results</p>	<ul style="list-style-type: none"> - Involvement of residents and other stakeholders from the Niemce Commune in energy planning in the Commune - Collecting proposals, opinions for the presented draft documents. - Fostering interest of the participants to search for possible forms of financing for the planned activities, of future investment projects with the use of RES and EE. 																		
<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="485 878 1410 1765"> <thead> <tr> <th>TARGET GROUP:</th> <th>VALUE:</th> </tr> </thead> <tbody> <tr> <td>LOCAL PUBLIC AUTHORITY</td> <td>1 (Deputy Head of the Niemce Commune.</td> </tr> <tr> <td>REGIONAL PUBLIC AUTHORITY</td> <td>2 (employees of the Marshal's Office of the Lubelskie Voivodeship).</td> </tr> <tr> <td>SECTORAL AGENCY</td> <td>-</td> </tr> <tr> <td>INFRASTRUCTURE AND PUBLIC SERVICE PROVIDER</td> <td>2 (The Association of Local Initiatives of the Niemce Commune, The Irena Kosmowska Association - "Social Initiative from Krasienin and the surrounding areas").</td> </tr> <tr> <td>INTEREST GROUPS INCLUDING NGO's</td> <td>-</td> </tr> <tr> <td>HIGHER EDUCATION AND RESEARCH</td> <td>1 (Expert - Eko precyzja).</td> </tr> <tr> <td>BUSINESS REPORT ORGANISATION</td> <td>2 (Greenhouse farm of „Leonów”, “Group of producers Green Group” Ltd, P&P Energy Ltd.).</td> </tr> <tr> <td>GENERAL PUBLIC</td> <td>7 (residents and employees of the Niemce Commune).</td> </tr> </tbody> </table>	TARGET GROUP:	VALUE:	LOCAL PUBLIC AUTHORITY	1 (Deputy Head of the Niemce Commune.	REGIONAL PUBLIC AUTHORITY	2 (employees of the Marshal's Office of the Lubelskie Voivodeship).	SECTORAL AGENCY	-	INFRASTRUCTURE AND PUBLIC SERVICE PROVIDER	2 (The Association of Local Initiatives of the Niemce Commune, The Irena Kosmowska Association - "Social Initiative from Krasienin and the surrounding areas").	INTEREST GROUPS INCLUDING NGO's	-	HIGHER EDUCATION AND RESEARCH	1 (Expert - Eko precyzja).	BUSINESS REPORT ORGANISATION	2 (Greenhouse farm of „Leonów”, “Group of producers Green Group” Ltd, P&P Energy Ltd.).	GENERAL PUBLIC	7 (residents and employees of the Niemce Commune).
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<p>Annexes (photo, media coverage web-links etc.,)</p>	<p>https://www.lubelskie.pl/aktualnosci-fundusze-europejskie/klaster-energii-niemce-utworzony-w-ramach-projektu-enes-ce-podczas-warsztatow-nr-3-w-2021-r/</p> <p>https://pl-pl.facebook.com/gminaniemce/</p> <p>https://www.niemce.pl/strona-glowna/aktualnosci/n,232919,klaster-energii-niemce-utworzony-w-ramach-projektu-enes-ce-podczas-warsztatow-nr-3-w-2021-r.html</p>																		





Workshop Event Report No 3 in 2021 as part of the ENES-CE project for residents and other stakeholders in the Niemce Commune in order to create a citizen energy group: "Signature of the Agreement on the establishment of the "Niemce Energy Cluster" and documents enabling the implementation of further project activities by the energy cluster, planning further activities of the cluster".

The ENES-CE 2021 project workshop meeting No.3 was held on 22th of October 2021 in the conference room of the Niemce Commune Office, 121 Lubelska street, 21-025 Niemce. The meeting was attended by representatives of the Niemce Commune: Deputy Head of the Niemce Commune, legal counsel and employees of the Niemce Commune Office, as well as residents of the commune, local entrepreneurs and representatives of the Association of Local Initiatives of the Niemce Commune and the Irena Kosmowska Association - "Social Initiative from Krasienin and the surrounding areas" The workshop was also attended by 2 employees of the Marshal's Office of the Lubelskie Voivodeship in Lublin and an external expert (15 participants in total).

The meeting began with greeting by Mr. Henryk Smolarz Deputy Head of the Niemce Commune. After a short introduction and registration of workshop participants, it was started to sign "A civil law agreement on the establishment of the Energy Cluster in the Niemce Commune, in the Lubelskie Voivodeship: "Niemce Energy Cluster", and the cooperation of the Cluster Members" and the Agreement on the co-administration of personal data in the "Niemce Energy Cluster".

In addition, in order to create the cluster's bodies, the meeting chairman was elected - Ms. Agnieszka Sielicka, an employee of UMWL, the organizer of workshops under the ENES-CE project, who read out the persons appointed as members of the Cluster Council and asked Cluster Members to confirm whether these were the persons specified in the declarations of joining the energy cluster submitted to the Niemce Commune and whether nothing had changed. After that, the protocol of the election of the Cluster Council: "Niemce Energy Cluster" was signed.

Then the Council Members unanimously elected and appointed the Chairman and Vice-Chairman of the Cluster Council: "Niemce Energy Cluster" and the Coordinator of the Energy Cluster, adopting the relevant resolutions of the Council, which were read by Mr. Marcin Paradziński, an employee of the Coordinator, and



signed by the Chairman of the Council. The Cluster Council chose and appointed as the Chairman of the Cluster Council: Mr. Henryk Smolarz, Deputy Head of the Niemce Commune, who acts under the authority of the Head of the Niemce Commune, and for the Vice-Chairman, Mr. Tomasz Stocki, Plenipotentiary of Greenhouse farm "Leonów" Ltd. in Niemce. The Cluster Council chose and appointed the Niemce Commune, represented by the Head of the Commune - Krzysztof Urbaś, as the Coordinator of the Energy Cluster.

The next stage of the workshop meeting no.3 in 2021 was the signature of the Letter of Intent - on the decision of the members of the energy cluster in the Niemce Commune, in the Lubelskie Voivodeship: "Niemce Energy Cluster" on the choice of the pilot action to be implemented in the timeframe of the ENES-CE project in the Niemce Commune in the Lubelskie Voivodeship: a pilot action of environmental education for the local community as part of information and promotion meetings, to raise awareness on the possibility of reducing low emissions in the commune and choosing of air quality notification systems in the future: "Every resident and entrepreneur from the Niemce Commune can contribute to the clean air in the Commune".

Appendix 1 to the above-mentioned Letter of Intent was a detailed description of the pilot action in question, developed at previous workshop meetings.

The next closest activities of the energy cluster and its members have been agreed and it has been established that the preliminary dates to conduct meetings in the commune should be: 29th of November, 2021 (meeting with village leaders, entrepreneurs), 8th of December, 2021 after 16.00, meeting with the residents, including the senior club in the Irena Kosmowska Association - "Social Initiative from Krasienin and the surrounding areas" and an additional possible date if residents were to be interested in the meeting on 15th of December 2021.

Another completed item on the agenda of the workshop meeting was the presentation and consultation of investment activities, which, at the request of the stakeholders of the ENES-CE project, at workshop no. 2 in 2021, were added to the document "Low-Carbon Economy Plan (LCEP) for the Niemce Commune for 2021-2030 with a vision of actions until 2050 (update)". The added activities are mainly related to the expansion of the technical infrastructure enabling the gradual independence of the "Niemce Energy Cluster" and its members from external suppliers of heat and electricity. The tasks focus on introducing innovative solutions in the future related to, inter alia, the use of hydrogen fuel, storage and local distribution.

The new measures introduced in line with the proposals from Workshop 2 in 2021 to the draft of updated LCEP document until 2030 include:

- Equipping residential buildings with renewable energy micro-installations 5,000 photovoltaic installations with an average capacity of 3kWe.
- GPZ - Transformer/Switching Station up to 50 MWe.
- Electricity distribution network for Cluster, power transfer from the photovoltaic installation, wind farm, cogeneration systems, electricity storage and cooperation with PSE (Polish Power Grids) and PGE (Polish Energy Group).
- Gas distribution network, supplement to gas fuel supply from a separate supply station for cogeneration units - a generating entity.
- Telecommunications network - construction of a fiber within the framework of a smart grid.
- Installation of gas absorption heat pumps in single-family and public buildings - on active gas connections, after expanding the gas network, it is best ultimately for every household.
- Electrolysers station with a capacity of up to 20 MWe.
- Wind farm up to 50 MWe (e.g. 5 * 10 Mwe) and the related action No. 8: Introduction of changes to the study of conditions and directions of spatial development of the commune, enabling the location of larger fuel and energy production sources on its territory.
- CHP- cogeneration system with a total capacity of approx. 50 MWe with a complete heat collection installation.
- Electricity storage with a capacity of up to 50 MWh.
- Hydrogen storage (H₂) (2 tons).
- Hydrogen refueling station.



- Electric vehicle charging stations (min. 270 kW).
- LNG refueling station for motor vehicles (alternative fuel until 2030).
- Photovoltaics up to 35 MWe.
- Hydrogen network in a separate area as part of R&D.
- Geothermal boreholes (approx. 3500 depth, approx. 172 ° C) Expected thermal power area 50 MWt.

In addition, in the update of LCEP by 2030 with a vision of actions by 2050, action no. 3 was planned for 2030: "Conducting an educational and information campaign to raise awareness about EE-energy efficiency and the related possibilities of financing investment activities".

Additionally, as the pilot action in the timeframe of the ENES-CE project, will be carried out an action of environmental education for local community in order to raise awareness of the possibility of reducing low emissions and about air quality notification systems.

In the last part of workshop meeting no. 3, a proposal for a draft document of the Cluster Strategy, was presented. The scope of the developed document was presented, it was indicated that the mission and purpose of the Cluster's activity are activities supporting the development of local dispersed energy, improvement of energy security in an economically effective manner with respect to the principles of sustainable development. In accordance with the content of the Strategy, the main direction of development of the "Niemce Energy Cluster" is the pursuit of a modern energy economy. The Strategy includes three strategic goals, i.e.:

- Environmental education,
- Renewable energy for everyone,
- Energy independence.

The cluster strategy document will be finally developed and submitted to the Cluster Council by the Coordinator in accordance with the Regulations (§4 section 6 f) for approval of the cluster strategy by the Council (§ 4 section 3 b). As agreed, this will take place after the final version of the LCEP update for the Niemce Commune for the years 2021-2030 with a vision of activities until 2050 is agreed and after the adoption of the updated LCEP document by the Resolution of the Niemce Commune Council.

During the workshop no 3 in 2021 the proposals of the cluster logo were discussed, and the preferred pattern was indicated, which will be identified with the character and specificity of the "Niemce Energy Cluster". It was agreed that the selected version of the logotype would still be voted on and included in the strategy of the "Niemce Energy Cluster" cluster. At the end of the meeting, the participants were asked to fill in an anonymous "satisfaction questionnaire" assessing the level of satisfaction of Workshop no. 3 carried out on 22th of October 2021 as part of the ENES-CE project. Out of 15 distributed surveys, 10 returned (scans of completed surveys attached). The content of the speeches was rated as excellent by 5 people, and the remaining 5 as very well. The presentations of the speakers, the information provided and the organization were rated excellent by 7 people, and the remaining 3 people rated them very well. The general evaluation of the meeting was assessed by 7 people as excellent, and 3 as very good. None of the respondent entered any comments or suggestions in the field provided for a descriptive statement by the meeting participants.