



AGENTIA DE DEZVOLTARE REGIONALĂ NORD-VEST

NORTH WEST REGIONAL DEVELOPMENT AGENCY

Sediul social: 407059, Râdaia, nr. 50, Comuna Băciu, jud. Cluj

Sediul secundar: 400118, Calea Dorobanților, nr. 3, Cluj-Napoca

tel. (+40)264-431550, fax. (+40)264-439222, centrală (+40)755-777020

secretariat@nord-vest.ro, comunicare@nord-vest.ro, www.nord-vest.ro, www.transilvania-nord.ro, www.northerntransylvania.eu

Fifth meeting of the EMOBICITY Local Stakeholders Group (LSG)

Interreg Europe EMOBICITY project

"Increasing energy efficiency by promoting electric mobility in cities (Increase of energy efficiency by Electric MOBILITY in the CITY)"

AGENDA, DECEMBER 15, 2021:

10:00 - 10:15 Presentation of the implementation stage of the Interreg Europe project - EMOBICITY - Cristina DAVID, project manager

10:15 - 10:30 Presentation of the conclusions of the 4th study visit (SV 4) organized by partners from Lisbon and the Azores (Portugal) - Dorin Domuța, NW RDA

10:30 - 10:45 Presentation of the conclusions of the sixth study visit (SV6) organized by the partners from Kassel (Germany) - Reinhold Stadler, external expert CIVITTA

10:45 - 11:00 Presentation of the results of the Questionnaire for identifying the regional needs underlying the development of the field of electric mobility - Reinhold Stadler, external expert CIVITTA

11:00 - 11:30 Presentation of initial ideas about the Action Plan and discussions with local actors - Reinhold Stadler, CIVITTA external expert

11:30 - 12:00 Conclusions and planning of the next activities - Cristina DAVID, project manager

The event was attended by 2 experts from the consulting firm Civitta Strategy & Consulting (Reinhold Stadler and Doina Dumitrescu), the Emobicity project team within the North West Development Agency and members of the Regional Committee of Representatives. In the introductory part, the topics of discussion on the agenda were presented, followed by the presentation of the progress made in the project between August and December 2021 and the next steps in the project, information presented by the project manager, Cristina David. This semester was an active one, in which physical study visits to all partners could be made. The study visit from Romania was also organized, where the activity and the depot of the Cluj-Napoca Public Transport Company and the first electric bus produced in Romania, in Baia Mare, were presented. In addition, at the level of the project, the fifth example of good practice at European level was accepted, the "Green Friday" initiative implemented in Cluj-Napoca. NW RDA participated in a matchmaking event with partners from other European projects focused on electric mobility. The Emobicity project was presented during an Interreg event, "Trilogy of webinars on electric mobility", and information

about the 3 webinars and presentations can be found on the event page. The next steps in the project focus on finalizing the Regional Action Plan by July 2022, but also involve participating in the seventh study visit, which will be held in Greece, and the organization of the next LSG meeting. In order to finalize the Regional Action Plan, the contribution of the members of the LSG is requested for the identification and prioritization of the regional needs and the prioritization of the proposed solutions, by completing the questionnaire. The introductory session was followed by 2 presentations of the study visits organized in Kassel (Germany) and in Lisbon and the Azores (Portugal). The activities in Kassel were presented by the expert Reinhold Stadler, who participated in the 3-day visit. The production area of Volkswagen was visited in Kassel to discuss the company's activity in the production of electric vehicles and how the technology for autonomous vehicles is advancing, including the main issues facing the sector today (i.e. ethical issues and how the data necessary for the machine learning process of autonomous vehicles are shared). The second topic was focused on logistics, at the urban level but also at the national level. A project from Germany was presented, which involved electrifying a 5 km segment of the highway to facilitate the transport of electric trucks or other large vehicles. The electrified sector is on the highway between Frankfurt and Darmstadt (5 km in each direction) and was chosen because it is an area of the highway with heavy freight cars. Vehicles that can use the electrified section are hybrid, specially designed for the project.

The event continued with the presentation of the conclusions of the visits made to Portugal, supported by Mr. Dorin Domuța. In Portugal, there is national involvement in creating a well-functioning system. In this respect, for the network of charging stations, in the centers established as charging points they are careful to avoid the monopoly and to have as much competition as possible between private operators. In addition, they have simplified the end-user charging process by introducing a single card, which can be used at any charging point in the country, regardless of the provider / operator. It is also currently working on solutions to avoid parking vehicles at fast charging points, more than the required charging time. The visit to the Azores included a visit to the geothermal power plant that produces 50% of the island's electricity and a visit to a research area evaluating the idea of using batteries to store electricity during the night and reintroducing it into the grid during the day when demand is high higher. There was also a discussion with a start-up for the bike-sharing service, because in the Azores bicycles are considered the most suitable mode of transport for tourists. The last part of the discussion focused on the activities needed to develop the Regional Action Plan (RAP). Reinhold Stadler, external expert presented the general approach for the elaboration of the RAP, the intermediate results of the Questionnaire for identifying the regional needs underlying the development of electric mobility, examples of good practice at the project level, which can be used for plan actions and possible concrete actions from good practices. The discussion ended with a debate on the main needs of the region and their ranking, but also possible solutions to support electric mobility. In addition to the initial ideas presented (available in the presentation), it has been proposed to introduce a public battery discharge system. This would give safety to electric vehicle drivers knowing that there are solutions if they run out of battery, which can make them more receptive to the purchase of an electric car. In conclusion, it was reiterated the need to complete the questionnaire by as many members of the LSG as possible to identify the needs and directions of action on which the RAP is based.

The fifth meeting of the Local Stakeholders Group (LSG5) was attended by:

| Nr. | Institution | Representatives |
|-----|-------------------------------|-------------------|
| 1. | ADI ZMC | Coroian Zoltan |
| 2. | Oradea University | Mitran Tudor |
| 3. | Bistrița City Hall | Marincean Marius |
| 4. | Public Transport Company Cluj | Dan Sebastian |
| 5 | CIVITTA | Stadler Reinhold |
| 6. | CIVITTA | Dumitrescu Doina |
| 7 | NW RDA | David Cristina |
| 8 | NW RDA | Moldovan Beatrice |
| 9 | NW RDA | Domuta Dorin |

Vizita de studiu – Kassel (Germania)

- Zisua 1 – vehicule autonome
 - Intro: Universitatea Kassel. Studi de caz: Tivolia și Caracul.
 - Vehicule autonome: progres la nivelul partenerilor.
- Zisua 2 – logistica urbană
 - Kassel – noduri de logistică în jurul zonei centrale.
 - Logistica urbană – progres la nivelul partenerilor.
 - NRF1 – drone pentru creșterea accesibilității la servicii publice în mediul rural.
 - Proiecte în electromobilitate: mecanisme de control ale rețelei de energie electrică, substituire alimentate din energie dinamică / pe termen mediu.
- Zisua 3 – vizită la Frankfurt – studiu de caz Elise.

