

# MINUTES

**Germany, Kassel – 22<sup>nd</sup> July 2020, 10:00 – 12:00**

**2<sup>nd</sup> Stakeholder Meeting**

**EMOBICITY**

## **Introduction**

The second stakeholder meeting of the regional stakeholder group of the region of Northern Hesse was organized by the Regionalmanagement Northern Hesse (RMNH) and took place via Microsoft Teams on 22<sup>nd</sup> of July 2020.

## **10:02: Welcome and get to know each other**

The CEO of RMNH, Manuel Krieg, welcomed all participants. Every participant introduced herself/himself.

## **10:15: Update of the Project EMOBICITY**

Linda Waldeyer, project manager at RMNH, gave an overview and an update of the EMOBICITY project. Because of the fact that new stakeholders participated in the meeting, she presented the project participating partners and countries again as well as the overall project aim. The overview included furthermore the project structure and approach, main objectives and respective actions, as well as expected outputs with project indicators. Each project semester was presented to ensure that all stakeholders understand their role and activities.

Afterwards she shifted the focus to the State of Hesse. She explained that Hesse faces high traffic loads and especially transit traffic because it is geographically in the middle of Germany and in the middle of Europe. Because of that the region of Northern Hesse wants to emphasize the topics inner city logistics and the use of electric vehicles of the classes N1, N2 and N3, because Hesse is one of the most important sites for contract logistics in Europe. It is the aim of the project to gather new projects together with the regional stakeholder group and to improve the policy instrument together with the Hessian Ministry.

She ended up with an overview of the last regional stakeholder meeting in the first semester and presented the discussed topics of the first meeting to continue the discussion on that topics with the stakeholders.

## 10:45 Discussion and project development

### City- Logistics in Kassel

How can an inner-city electro-based logistics concept for the city of Kassel look like?

Mr. Georg Förster, Head of the Mobility and Infrastructure department of the city of Kassel, presented the ideas and the legal framework for an inner-city electric logistics concept. He highlighted a study of the company Agora which is called "Delivering without Loads" which deals with how cities and the logistics industry can make urban traffic sustainable. The study will be forwarded to all stakeholders.

The stakeholders discussed that they are interested in creating a concept but that the electric delivery for parcels and goods in the inner-city produces high costs. The customers need to accept higher delivery prices when delivering with electric vehicles. Furthermore, it is problematic that there are only few electric vehicles available that meet the requirements of the logistics companies.

RMNH will do an analysis of all existing and available electric vehicles of the classes N1, N2 and N3 and will get in contact with the manufacturers. After that, RMNH will analyze together with the interested logistics companies the basic needs and requirements to deliver the inner-city. The manufacturers can then provide feedback if the available vehicles are suitable for the needs and requirements.

### Fleet analysis of trucks

Willingness to test electric trucks if there was a suitable funding?

Mr. Matthias Puchta, Head of the Energy Storage Department of the Fraunhofer Institute for Energy Economics and Energy System Technology, presented a project idea to create a real-time monitoring system for a fleet analysis for trucks.

He highlighted that the short range and high vehicle costs continue to be the major obstacles to the widespread introduction of electric mobility in the commercial vehicle sector. Furthermore, the battery and/or fuel cells are a significant part of the added value in the vehicle but the aging processes and thus the loss of value of batteries and/or fuel cells, however, can currently hardly be predicted and quantified. The loss of value depends on the individual use such as the loading behavior and the user profile of the logistics companies.

The aim of the project would be to create a real-time monitoring system for a fleet analysis to predict the development of the residual value of the battery and/or fuel cell and of the vehicle as a whole. To do so, there needs to be logistics companies who are willing to test an electric truck to create the real-time monitoring system.

The stakeholders are very interested in the project, especially the logistics companies *Rudolph Logistics* and *B. Braun Melsungen* and the energy supplier *EAM*. Further meetings will be organized by RMNH to concretize the project idea.

## Hydrogen

Checking the availability of hydrogen vehicles and creating synergies with the Hydrogen and Fuel Cell Initiative of Hesse e. V.

The stakeholders are discussing that more and more hydrogen vehicles will be manufactured. For example, last week Hyundai shipped the first 10 hydrogen vehicles to Swiss to test them. 40 more vehicles are about to be shipped until the end of 2020 and 1.600 until 2025.

On 17<sup>th</sup> September 2020 there will be an event about hydrogen vehicles in the logistics sector which will be organized by the Fraunhofer Institute for Energy Economics and Energy System Technology and the the Hydrogen and Fuel Cell Initiative of Hesse e. V. RMNH will be giving a presentation.

All stakeholders will be invited to create synergies to the EMOBICITY project.

### 11:50 Conclusion

At the end of the meeting, Manuel Krieg summarized the presentations in total and mentioned the day's conclusions. It was agreed that the presentations will be circulated among all partners.

The next official stakeholder meeting will take place in the third semester preferably in November 2020 or January 2021. RMNH will launch a poll to determine the date.

### List of Participants

<u>Nr.</u>	<u>Name</u>	<u>Surname</u>	<u>Institution</u>
1	Erven	Ullrich	LandesEnergieAgentur Hessen GmbH (LEA)
2	Feneberg	Markus	DHL Freight GmbH (logistics company)
3	Fichtner	Kolja	Rudolph Automotive Logistik GmbH
4	Förster	Dr. Georg	City of Kassel
5	Freyer	Lola	Frankfurt University of Applied Sciences
6	Heinemann	Melanie-S.	Städtische Werke AG (Energy supplier)
7	Hillebrand	Stephan	sera Hydrogen GmbH
8	Krieg	Manuel	Regionalmanagement of Northern Hesse GmbH
9	Meinen	Dagmar	Hessian Ministry of Economy, Energy, Transport and Housing
10	Neuroth	Thomas	Energy 2000 e. V.
11	Puchta	Matthias	Fraunhofer Institute for Energy Economics and Energy System Technology
12	Schröer	Frank	B. Braun Melsungen (logistics company)
13	Sondermann	Philipp	Daimler Truck AG
14	Spengler	Nicolas	EAM Netz GmbH (energy supplier)
15	Szogs	Astrid	Mobility Network of Northern Hesse e. V. (MoWiN.net e. V.)
16	Waldeyer	Linda	Regionalmanagement of Northern Hesse GmbH
17	Weißhand	Martin	Nordhessischer Verkehrsverbund (public transport authority)

**Pictures**



