



Amt für regionale Landesentwicklung
Leine-Weser

Interreg
North Sea



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EHRIN

EHRIN Meeting

We are stronger together!

Hannover, 28.02. & 29.02.2024



Amt für regionale Landesentwicklung
Leine-Weser

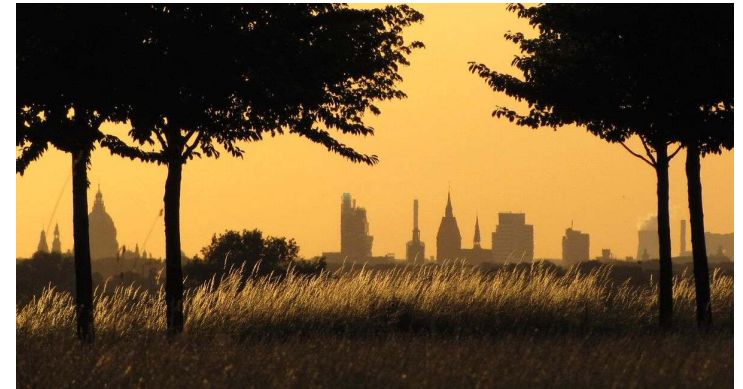
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Good morning everybody!



Sunrise Hannover; © www.myheimat.de



09:00 – 09:15	Welcome
09:15 – 09:40	Challenges of Hydrogen Projects Opportunities for Stakeholder Networks
09:40 – 10:00	Coffee Break – Video Interviews
10:00 – 11:30	Project Presentations
11:30 – 12:00	Coffee Break – Video Interviews
12:00 – 13:00	Lunchbreak
13:00 – 14:30	Project Presentations
14:30 – 14:45	End of the Meeting

Agenda 29.02.2024

EHRIN Meeting

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How can stakeholder networks support hydrogen projects – Challenges and Opportunities

Challenges and Opportunities



Basics:

- Stakeholder Discussions 28.02.2024
- 18 Expert Interviews
 - Municipalities
 - Companies
 - Networks
 - Universities
 - Federal authorities
 - Chambers



Niedersächsisches
Wasserstoff-Netzwerk



Niedersächsisches Ministerium für Wirtschaft,
Verkehr, Bauen und Digitalisierung



BÜRGERDIALOG
STROMNETZ



H2 Allianz
Südniedersachsen



ENERGIEAGENTUR
SCHAUMBURG



Klimaschutzagentur
Mittelweser e.V.



IHK
Hannover



Aspens



Wir transportieren Gas.
nowega



Leibniz
Universität
Hannover



ingenion
hydrogen



avacon



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

Challenges and Opportunities



Conversation Guide

Key question:

- (1) Why are less projects related to hydrogen taking place in rural areas compared to urban spaces?
- How can players be persuaded to engage in hydrogen projects in rural areas?
 - What does it take to support the development of projects related to hydrogen?

Thesis

Topic: Rural Area vs. Urban Spaces & Funding

- (1) **The rural area is of less interest for investors compared to urban spaces.**
- Where do you see potential concerning the use of hydrogen rural areas?
 - Do you see any advantages concerning hydrogen projects in rural areas compared to projects situated in urban spaces?
- (2) **Funding opportunities are insufficient.**
- In your personal opinion – do you see a need of specific funding for hydrogen projects taking place rural areas?
 - Where do you get access to what kind of information concerning funding opportunities?
 - Have you ever applied for state/province funding, which experiences have you made?
 - In your personal opinion – what should be funded?
 - What are your expectations concerning funding modalities and funding schedules?

Topic: Hydrogen Know-How

- (3) **There's a lack of knowledge concerning the use of hydrogen.**
- Which sources of information concerning the use of hydrogen have you used so far / is known to you?
- (4) **There is a lack of professionals – inter alia H₂-specific experts – in the rural area.**
- Which qualifications and competences are necessary in order to hire professionals?
 - What kind of know-how is needed in order to successfully execute hydrogen projects?
- (5) **There is a lack of infrastructure in order use H₂ sustainably.**
- Are there any attempts of regional infrastructure planning or are you participating in supraregional infrastructure planning?
 - Are you conducting conversations with local utility companies concerning infrastructure planning?
 - Which local infrastructures are needed in your personal opinion?
- (6) **Information about cooperation and exchange as well as appropriate possibilities are lacking.**
- Are there any issue-specific exchange formats?
 - Which expectations/requests would you have concerning such a format/forum?
 - In your personal opinion – who should initiate/organize such a format/forum?

Expert Interviews:

- Why are less projects related to hydrogen taking place in rural areas compared to urban spaces?
 - How can players be persuaded to engage in hydrogen projects in rural areas?
 - What does it take to support the development of projects related to hydrogen?

Challenges and Opportunities



Findings

Thesis: The rural area is of less interest for investors compared to urban spaces.

- No, it isn't!
- Municipal heat planning, Mobility, Companies/ Industry with high need of energy, Agriculture...
- Availability of areas for green electricity.
- Less issues with building code compliances.

Challenges and Opportunities



Findings

Thesis: There is a lack of knowledge concerning the use of hydrogen.

- Sometimes, but...
- Enough information (newsletter, webinars, meetings), but lack of time for using this.
- Too much (sometimes different) information, difficult to handle.

Challenges and Opportunities



Findings

Thesis: Information about cooperation and exchange as well as appropriate possibilities are lacking.

- No, they are not.
- Many different types of cooperation are available mostly.
- It is difficult to find useful events.
- Events need the right inspiring architecture with practical relevance to add value.

Challenges and Opportunities



Findings

Thesis: Less companies in the rural area are affected by the topic of hydrogen (compared to companies in urban spaces).

- No, not really.
- Maybe in total numbers but not in relation.
- Hydrogen is an option to nearly every (industrial) company with high need of energy.

Challenges and Opportunities



Findings

Thesis: There is a lack of human resources in administration in order to pick up the additional topic of H₂.

- Yes!!
- There are many topics and tasks for one single person.
- Hydrogen is some kind of “future-technology” other topics are much closer.

Challenges and Opportunities



Tasks and Opportunities for stakeholder networks

- Connect Partners!
- Network to enable, creating a “loud” voice!
- Filtration of informations!
- Guidance for funding applications!

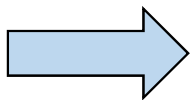


Challenges and Opportunities



Tasks and Opportunities for stakeholder networks

- Offer personal capacities!
- Offer knowledge capacities!



Caretaking Allrounder!



Niedersächsisches
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Challenges and Opportunities



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Thank you!



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Challenges and Opportunities



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„How to start with Hydrogen“ – Ulf Lemke



„Sewage Plant Hannover“ – Simon Pauli



Becke GmbH & Co Energie KG

„Combined Heat and Power Plant“ – Manfred Becke



„New Mobility Paderborn“ – Markus Zwick



„Special-Purpose Vehicles“ – Paul Bruns



Project Presentations – Round 1



**Please follow the colour
you have chosen!**



Project Presentations – Round 1



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Project Presentations – Round 2



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you have chosen!**



Project Presentations – Round 2



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State Representative
Frauke Patzke

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