

Welcome to the EMR H2 Booster closing conference



EMR H2 Booster closing conference

23/05/2023



Program

- 09:00 **Arrival and coffee**
- 09:30 **Welcome and opening** (Davine Janssen, WaterstofNet)
- 09:50 **Findings from the hydrogen mapping of the Euregio Meuse-Rhine** (Sophia Koch, Stadt Aachen)
- 10:10 **Presentation of the concrete hydrogen initiatives that were boosted** (Jan-Willem Tolkamp, LIOF)
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- & closure** Davine Janssen
- 12:10 **Consortium picture moment**
- 12:45 **Reception and lunch**

WaterstofNet & the Waterstof Industrie Cluster

A brief introduction



WaterstofNet: over 10 years of H2 experience

- °2009, non profit, 12 people
- Offices in Turnhout (B) en Helmond (NL)
- 4 pillars
 - ✓ Industrial cluster with > 160 members
 - ✓ Project organisation > 20 projecten
 - ✓ Partner of governments
 - ✓ Knowledge centre
- Hands-on experience



Covering the whole value chain





Podcast “Waterstof: het hele verhaal”



Available on Spotify, Google Podcasts of Apple podcasts:



<https://open.spotify.com/show/1QZFCeQyitRhPRHfYSCQN9>



https://podcasts.google.com/feed/aHR0cHM6Ly9hbmNob3luZm0vcy83MWQwODJIMC9wb2RjYXN0L3Jzcmw?sa=X&ved=0CAMPQ4aUDa_hcKEwilqbLwtaf3AhUAAAAAHQAAAAAQAAQ



<https://podcasts.apple.com/be/podcast/waterstof-het-hele-verhaal/id1613311500?i=nl>



EMR H2 Booster project



EMR H2 Booster

Aim: to boost the development of clean hydrogen innovation, demonstration and knowledge sharing in the region, as a first step towards the roll-out of a clean hydrogen economy

Main target group: SME's

- Duration: Jan/2022-June/2023
- Total budget: €1.065.066,13
- Total Interreg EMR subsidy: €532.533,01



Strong partnership

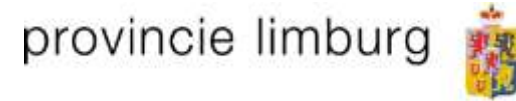
Project partners



Associated partner



Co-financers



Main financier



Strong partnership: regional coverage

Region	Cluster	Development Agency	Other
Liège	TWEED	Spi	
Limburg (BE)	WN	POM Limburg	Univ Hasselt (Energyville)
Aachen	IHK Aachen	Stadt Aachen	
Limburg (NL)	WN/Waterstof Coalitie Limburg	LIOF	

Coördinator:
WaterstofNet

Associated partner:
Stadsregio Parkstad Limburg

Work packages

WP 1: mapping

- Of plans, roadmaps, visions, views, R&D, etc.
- Of industrial players
- Competence analysis
- Integration in the Digital Innovation Platform



WP 2: cases

- 4 Matchmaking-sessions
- 4 Hydrogen project concept papers



WP 3: inspiration and demonstration

- 4 inspiration sessions (one per region)
- 4 demonstration events
- 4 workshops



WP 4: Booster

- Long term roadmap for the region
- Definition of long-term governance structure and business model of the EMR H2 Booster



WP management

WP Communication

WP First Level Control

Let's boost *demonstrate*

Let's ~~boost~~ *demonstrate* hydrogen in our region!

<https://www.emrh2booster.eu/>



EMR H2 BOOSTER

WaterstofNet

Open Manufacturing Campus
Slachthuisstraat 112 bus 1
2300 Turnhout
België

T +32 (0)14 40 12 19

Kantoor Nederland

Automotive Campus
Automotive Campus 30
5708 JZ Helmond
Nederland

 WaterstofNet

 WaterstofNet

WaterstofNet.eu

Davine Janssen

+32 (0) 483 70 59 75

Bedankt voor uw aandacht!
Thank you for your attention!



Program

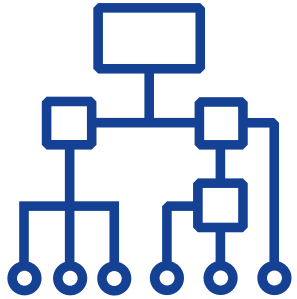
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EMR H2 Booster

Work package 1: Mapping of H2-Industrial Players and
Regional H2 Strengths



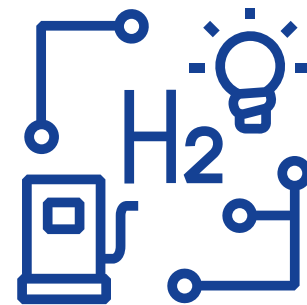
What was the main task of work package 1?



Identification and mapping of plans, roadmaps, studies

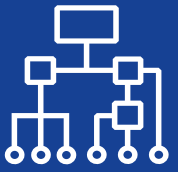


EMR Industry analysis: mapping of players and competences in the EMR region



Expansion of the Digital Innovation platform (DIP) in the EMR area





Identification and mapping of plans, roadmaps, studies



Summary of all mapped plans, roadmaps and other documents

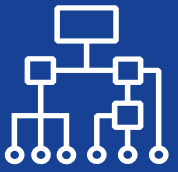
Analysis of 16 hydrogen related documents by:

- Regional focuses
- Advantages of hydrogen
- Requirements for further developments in the hydrogen economy
- Projects in the EMR region
- Cross border activities

Regional focus in the field of hydrogen

Netherlands	Belgium	Germany
<ul style="list-style-type: none">• Mobility• Industry (Chemistry)• Energy Sector• Economy• Climate• Innovation• Agriculture• Built Environment	<ul style="list-style-type: none">• Mobility• Industry• Energy Sector• Infrastructure• Storage of H2• Concrete end applications• Built Environment	<ul style="list-style-type: none">• Mobility• (Energy intensive) Industry• Energy Sector• Entrainment of the region• Heat market• Built Environment





Identification and mapping of plans, roadmaps, studies



Summary of all mapped plans, roadmaps and other documents

Requirements and Claims

Provide funding

Develop regulatory framework

Improve infrastructure

Reduce costs

Expand renewable energies

Support the Economy

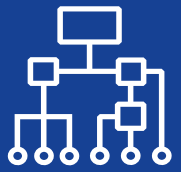
Provide supply & demand security

Strengthen cooperation

Establish a definition of green hydrogen

Ensure technology-neutrality



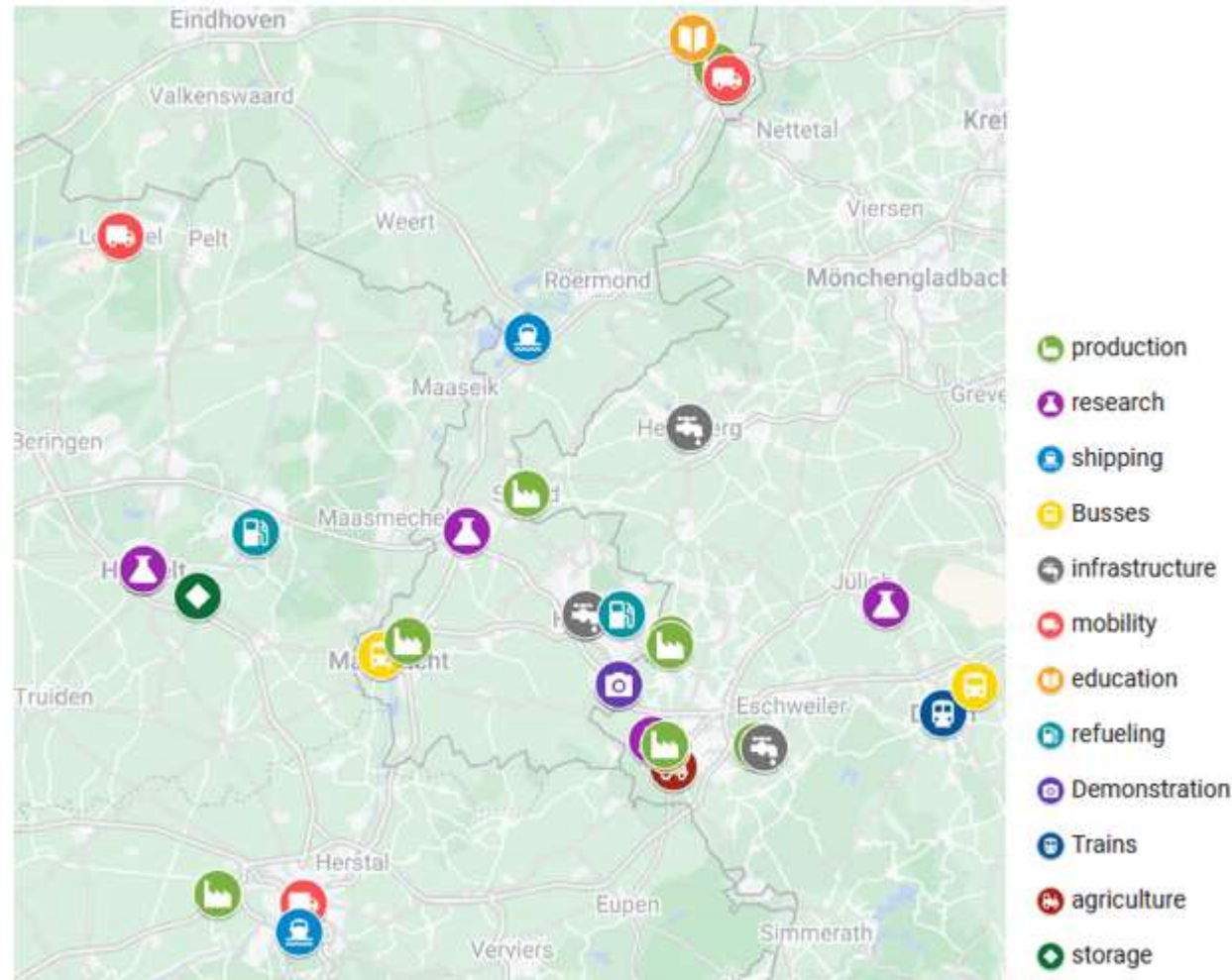


Identification and mapping of plans, roadmaps, studies



Summary of all mapped plans, roadmaps and other documents

Active projects in the region





EMR Industry analysis

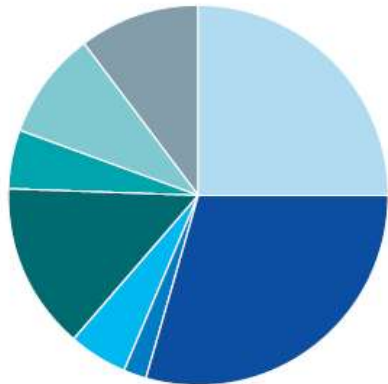


Mapping of industrial players relevant in the h2 sector

Stakeholder Mapping with the help of a questionnaire

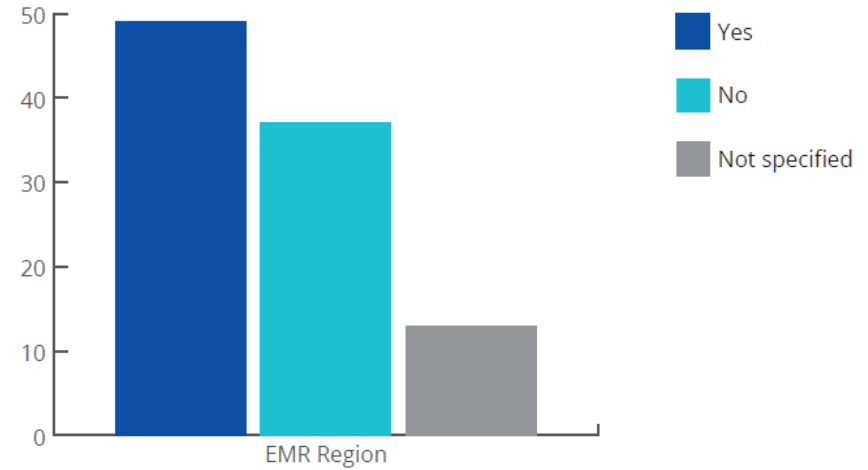
- Questionnaire included 6 questions
- The questionnaire was send out in german, french and dutch
- Total responses: 99

Specialised fields (EMR Region)

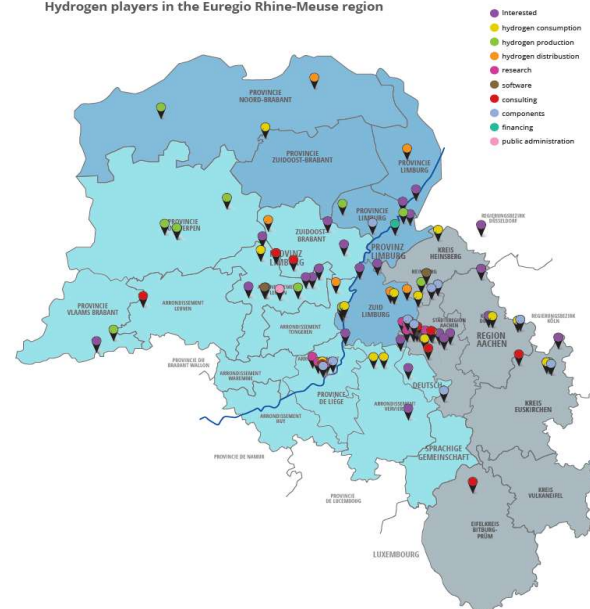


- none of the above, I'm interested in the H2 developments for my business
- Other
- Component development
- Component construction
- H2-consumption
- H2-distribution
- H2-production
- Research

SME (EMR Region)



Hydrogen players in the Euregio Rhine-Meuse region





EMR Industry analysis



Mapping of industrial players relevant in the h2 sector:

Hydrogen players in the Euregio Rhine-Meuse region





EMR Industry analysis

SWOT analysis of the economy in the EMR in the field of hydrogen

Document will be finished by the end of June

The assignment includes the following work packages:

1. Summary of already existing literature
2. Conducting a SWOT analysis of the regional economy
3. Recording of licensing issues and presentation of solution approaches in the project area
4. Development of maps and graphs
5. Presentation and preparation of the results



Expansion of the Digital Innovation Platform



Establishment of a cross border networking opportunity

DIP Digital
Innovation Platform



Euregional Hydrogen Network (EMR H2 Booster) Strengthening the hydrogen value chain

A consortium of nine partners is joining forces to drive the development of clean hydrogen innovation, demonstration and knowledge exchange in the Euregio Meuse-Rhine, as a first step towards large-scale ...

Hydrogen supply

Hydrogen Mobility

Hydrogen Supply (Mobility)

+1

Euregional hydrogen networking group

- Can be automatically translated to german, dutch, french and english
- Agglomerates all events, news and informations of the project and in the region
- Offers the possibility to network with other members and search for partners
- Platform which can be used even after the project is completed





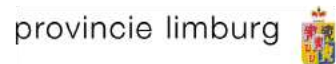
Project partners



Associated partner



Co-financers



Ministerie van Economische Zaken
en Klimaat

Provincie Noord-Brabant



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Workpackage 2: Cases and Matchmaking

Closing conference 23-05-2023 Genk



Goals and deliverables WP2

Work-package title:

“Definition of a number of cases to be developed as a stepping-stone to project realizations”

Deliverables:

4 Case-papers: according to the EMR-H2B Project plan:

“We will come up with at least 4 hydrogen project concept papers containing at least the partners involved, the envisioned result, the proposed workplan and a high level business case. These cases shall be the first step towards Green Hydrogen projects realization.”

Organize 4 Matchmaking sessions

“Connect as many existing and new SME, research, and other partners to possibly join the project-consortia to be formed”

Steps followed

- We started **mapping all hydrogen projects** and project-ideas within the region Meuse-Rhine.
 - This resulted in a **list with 53 H2-initiatives to date**.
- **Selection criteria**, for selecting the projects we wanted to write the case papers for, were agreed.
- **4 main themes** covered in several similar or related initiatives were chosen:
 1. **Hydrogen for inland shipping and barges**
 - Possible succession for RH2INE-, Zellie- en future proof shipping?
 2. **Hydrogen production**
 - Many small electrolyser projects: Saint Gobain, Stawag Aachen, Multiple MV-Energy.
 3. **Setting up Local Hydrogen Hubs**
 - Hydrogen-Hub or Lab Avantis, Hydrogen of Clean Energy hub Venlo
 4. **Cross-border Hydrogen Bus-connections**
 - Hydrogen-busses between Aachen, Liege and Maastricht?
- **Lead-partners** were sought during 4-regional events in thematic break-out- and Match making-sessions around the 4 theme's
- **8 project cases** were researched and pursued further: 6 are now worked out in case papers.
- For 3 projects a **high level business-case evaluation** is being performed to check the feasibility.
 - Evaluations are carried out by external bureaus: *Stork Engineering, Summit engineering and Buro Kragten*.



Resulting Case papers

1. Hydrogen use in Ceramic-production ovens: VanderSanden (B-NL)

- Lead case-paper: [WaterstofNet](#).

2. Hydrogen for Inland Shipping: Barge-and Hydrogen hub Maasbracht (B-NL-D)

- Lead case-paper: [WCL](#)

3. Bundling 6x1 MW electrolysers in Limburg MV-energy / Green Watts (NL-D)

- Lead case-paper: [LIOF / MV-energy](#)

4. Cross border H2-re-fueling chain: Groep Bruno-Vissers Energy (B-NL)

- Lead case-paper: [POM-Limburg](#).

5. Valorization of scientific knowledge by Academia and Industry. (NL-B-D)

- Lead case-paper: [WCL](#). In cooperation with U-hasselt, Forschungszentrum Julich and LIOF (R&D Matchmaking)

6. Crossborder Hydrogen Busses, Aachen, Liege, Maastricht (D-B-NL)

- Lead case-paper: [Stadt Aachen](#). In cooperation with LIOF

Case paper: Identifying legal obstacles for Cross-Border Energy-Projects in the EMR. [Parkstad/ IHK](#)



Matchmaking Sessions



Matchmaking sessions organized:

4 main- Matchmaking sessions during the regional events:

- Genk 11th of October 2022, Thorpark T2 Campus (B)
 - 'Hydrogen, the fuel of the future?'
- Geleen 21st of October 2022, Brightlands Chemelot Campus (NL)
 - 'Shaping the energy transition in the Euregio using sustainable hydrogen'
- Spa 18th of April, Francorchamps Circuit (B)
 - 'Signing of an EMR Hydrogen declaration'
- Ubach-Palenberg 26th of April, Neumann & Esser (D)
 - 'Hydrogen as an Opportunity for SMEs'

3 dedicated thematic matchmaking sessions around:

- Clean Energy Hub Parkstad November 4th 2022
- Hydrogen Hub Maastricht December 16th 2022
- Valorisation Academic H2 Knowledge and R&D May 2023

Matchmaking session impressions

- Thorpark T2 Campus Genk



- Brightlands Campus Geleen



Matchmaking Spa Francorchamps,

Co-organized by E.E.N. / B2Match

- *103 individual 1on1 meetings of 15 minutes in 6 rounds*
- *83 matchmaking participants*
- *19 Matchmaking tables*





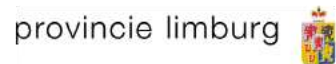
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Ministerie van Economische Zaken
en Klimaat

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**10:30 Coffee break & signing opportunity of
the Francorchamps Hydrogen Initiative**

www.emrh2booster.eu

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EMR HYDROGEN BOOSTER WP3 Events

Interreg

Euregio Meuse-Rhine

**EMR
BOOSTER H2**



EUROPEAN UNION
European Regional
Development Fund

pom

Limburg
economisch
versnellen

OVERVIEW

Workpackage 3: Events

Inspiration Sessions



Target Value
4

In the inspiration and information sessions different topics will be highlighted

Demonstration Events



Target Value
4

showcase product prototypes, R&D concepts & specific business models

Thematic Workshop



Target Value
4

Workshops on various hydrogen related thematics relevant for regional LEs & SMEs

Combine

4
Regions



INSPIRATION SESSIONS



DEMONSTRATION EVENTS



THEMATIC WORKSHOP



1 **EVENT GENK**
11/10/2022



2 **EVENT GELEEN**
21/10/2022



3 **WEBINAR**
11/03/2023



4 **EVENT SPA FRANCORCHAMPS**
18/10/2023



5 **EVENT ÜBACH-PALENBERG**
26/04/2023



6 **THEMATIC EVENT GENK**
02/05/2023



7 **THEMATIC ONLINE CONFERENCE**
16/06/2023





Hydrogen Seminar

Genk -T2 Campus

11/10/2022 -Limburg, BE

Inspiration Event



EMR
H2 Booster



Network
& projects



H2
Storage



H2
Production



H2
Infrastructure



Everfuel



KU LEUVEN

Air Liquide

e-power
the power of energy solutions

fluxys

pom
Limburg
economisch
versnellen

Interreg
Euregio Meuse-Rhine
EMR H2 BOOSTER
EUROPEAN UNION
European Regional
Development Fund



Demonstrations

Genk -T2 Campus

11/10/2022 -Limburg, BE

Demonstrator

H2 Fuel Cell
Truck & Cars



H2
Powerbox



Hydrogen
Panels



H2 Powered
Generator



H2
Storage tanks





Shaping the energy transition in the Euregion using sustainable hydrogen Geleen - Chemelot

21/10/2022 -Limburg, NL

Inspiration Event



Break Out-Sessions
Business, Government
& civilians



Testimonials
Hydrogen
Fillingstation



Mobility
Waterways

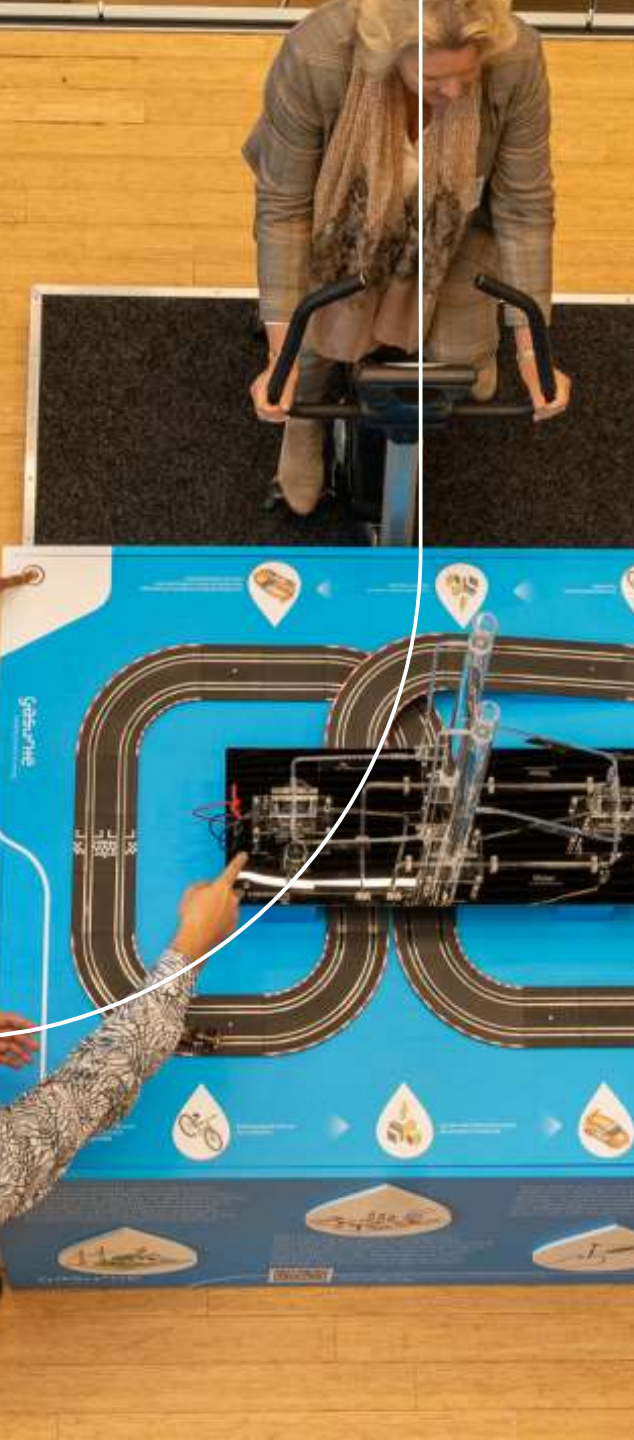


Hydrogen Industry Cluster
WIC



Financing
subsidy





Shaping the energy transition in the Euregio using sustainable hydrogen Geleen - Chemelot

21/10/2022 -Limburg, NL

Demonstrator



**Hydrogen
Bike**

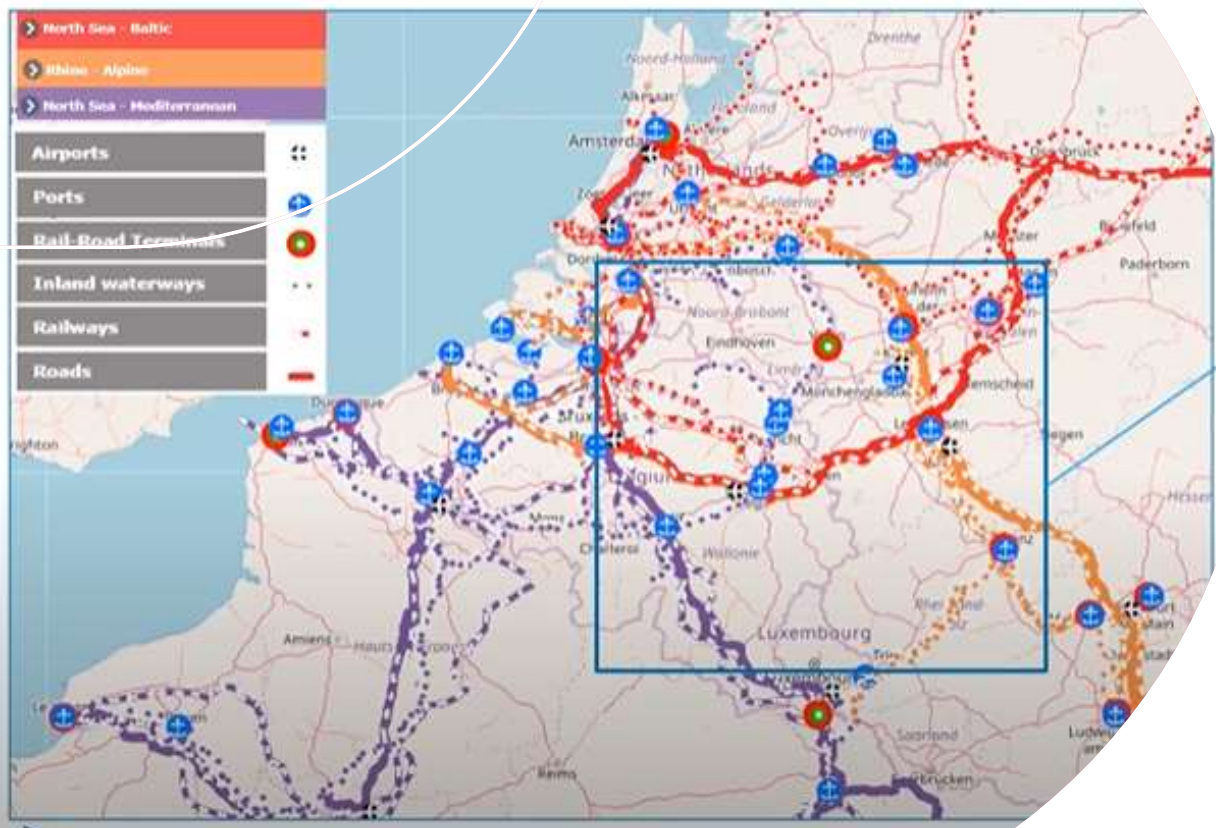


**Innovation
Plasma H2 production**

TNO
gasunie
crossing borders in energy



EMR H2 Booster study, the current state of the H2 economy
Transport Equation
The EMR-Region is at the core of 3 Ten-T Corridors



Online Webinar
EMR H2
Booster study

Thematic Workshop

**Analysis of hydrogen opportunities
in Euregio Meuse-Rhine**

→ WP4
Establishment of a Cross Border Hydrogen Booster





The future of H2 economy with the position of H2 in heavy-duty mobility

Spa-Francorchamps

18/04/2023 – Liège, BE

Inspiration Event



TOYOTA



ANGLO BELGIAN CORPORATION



CCNR
COMMISSION CENTRALE
POUR LA NAVIGATION DU RHIN

EMRH2 Booster
Road corridor

EMRH2 Booster
River corridor



H2 in heavy-duty mobility Spa-Francorchamps

18/04/2023 – Liège, BE

Demonstrator



H2 Cars

H2 Trucks



The future of H2 economy with the position of H2 in heavy-duty mobility

Spa-Francorchamps

18/04/2023 – Liège, BE

Thematic Workshop



EMRH2 Booster Industry & Training



Hydrogen as an opportunity for SMEs

Neuman & Esser Group

18/04/2023 – Übach-Palenberg, DE

Inspiration Event





Hydrogen as an opportunity for SMEs

Neuman & Esser Group

18/04/2023 – Übach-Palenberg, DE

Demonstrator



Factory tour

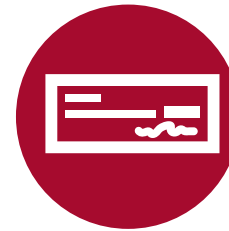


On the road to Hydrogen

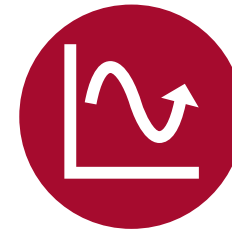
Genk -T2 Campus

02/05/2023 -Limburg, BE

Thematic Workshop



Subsidies



TCO



Safety



Experience

Refueling stations & International Road transport



OVERVIEW

Deliverables WP3

**Inspiration
Sessions**



4/4

**Demonstration
Events**



4/4

**Thematic
Workshop**



4/4
(Expected)



OVERVIEW

OUTREACH



673

Registrations



6

Events
(+ 1 planned)



**In person
& Digital**



**Cross Border
& Broad audience**



Interreg
Euregio Meuse-Rhine



**EMR
BOOSTER H2**

EUROPEAN UNION
European Regional
Development Fund



T2
CAMPUS





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H2

Looking forward through the EMR Hydrogen Roadmap
Raphaël Schoentgen – Hydrogen Advisors

EMR H2 BOOSTER

The EMR Roadmap Study / A wide Panel of Players Interviewed

Industrial actors & Hydrogen producers



Gas network operators



Highway actors



Waterways actors



Public entities & clusters



R&D players



Two Presentations of the Study + Report Already Delivered



**Current State of the Hydrogen Economy
in the Euregio Meuse-Rhine**

*Feedback from interviewed & interested parties
Online Seminar, 16th March 2023*



**Current State of the Hydrogen Economy
in the Euregio Meuse-Rhine**

Feedback from interviewed & interested parties

Why a Francorchamps Hydrogen Initiative today ?

Francorchamps, 18th April 2023



EMR H₂-Booster roadmap study October 2022 / May 2023

Current state of the hydrogen economy in the Euregio Meuse-Rhine (EMR)

STUDY REPORT



Person	Action	Date
Lutzold Thomas	Production	8 May 2023
Hughart Schoetgen	Review & Approval	19 May 2023



Suggestion today

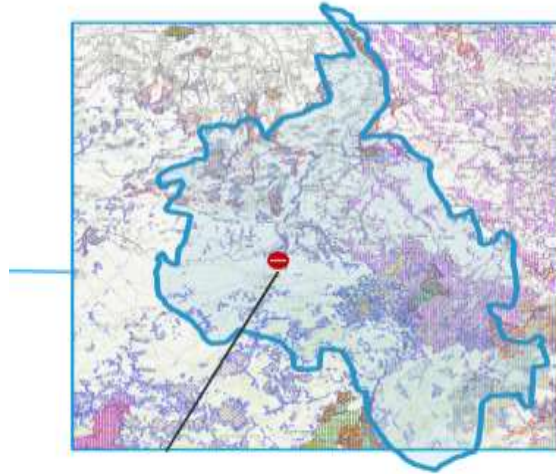
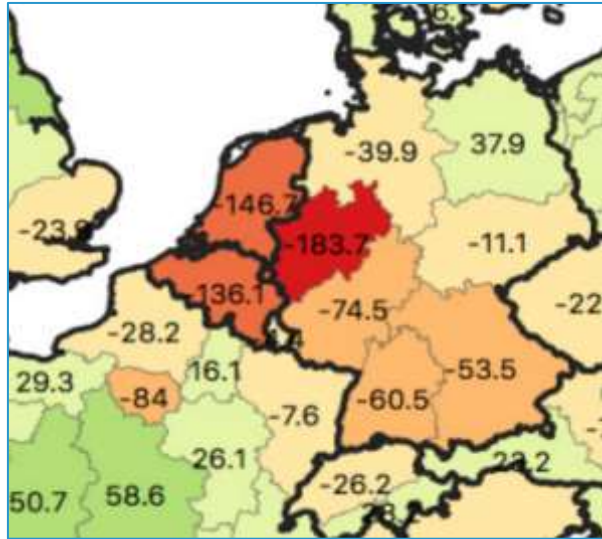
Focus on the
main ideas coming
out of the study

In a visual way

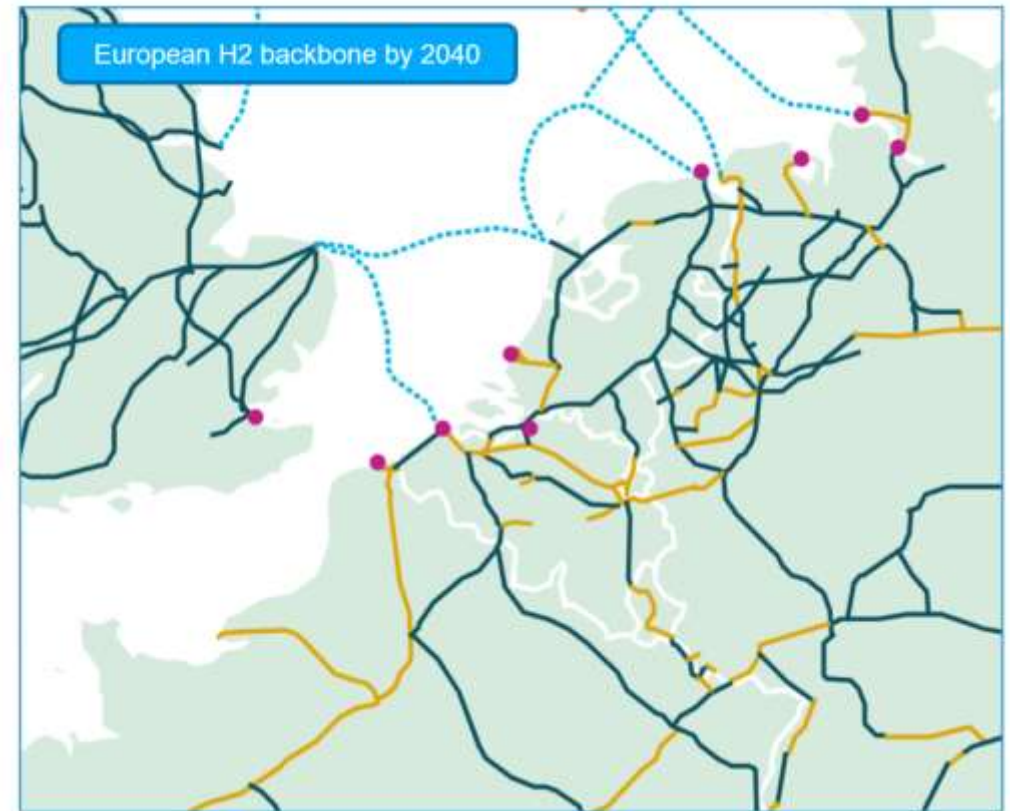
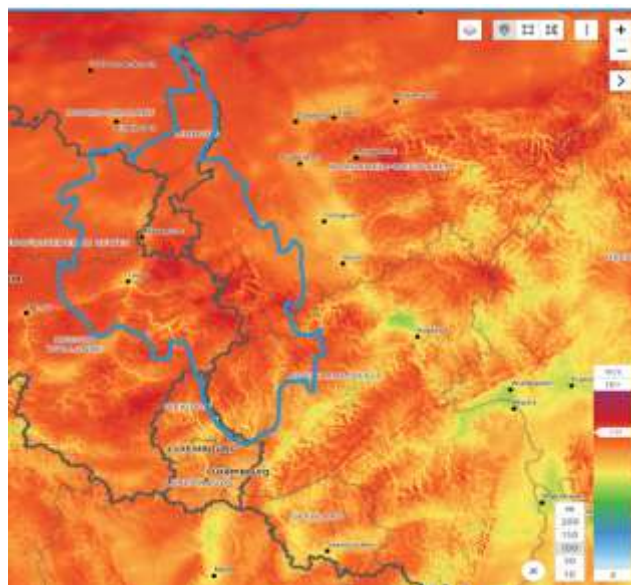
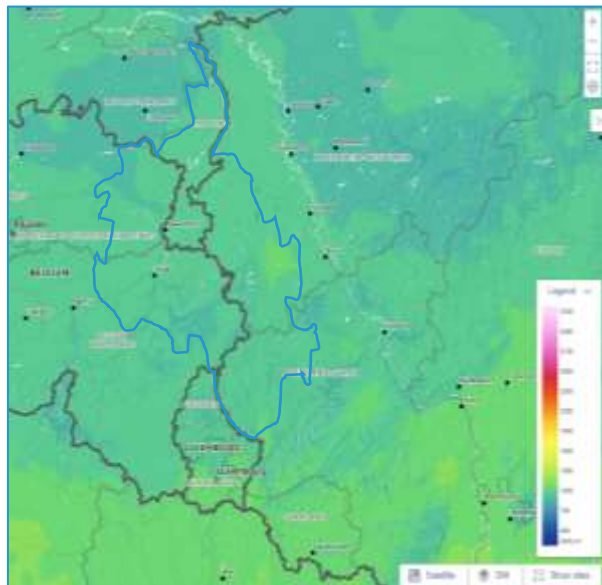
The EMR H2 Booster essential driver = H2 pipelines deployment



Reasons behind



Dalhem windfarm stopped project



Important to develop a transnational view - at state level



Source : Le Soir

Important to develop a multinational view - at state level



Important to also act at federal + regional level on borders



Beyond, the EMR H2 Booster must articulate a vision = priorities



And then ensure implementation = articulate actions in time



Of paramount importance will be administrative approvals



The second paramount element is to build the common ecosystem



With a first focus on a hydrogen road corridor



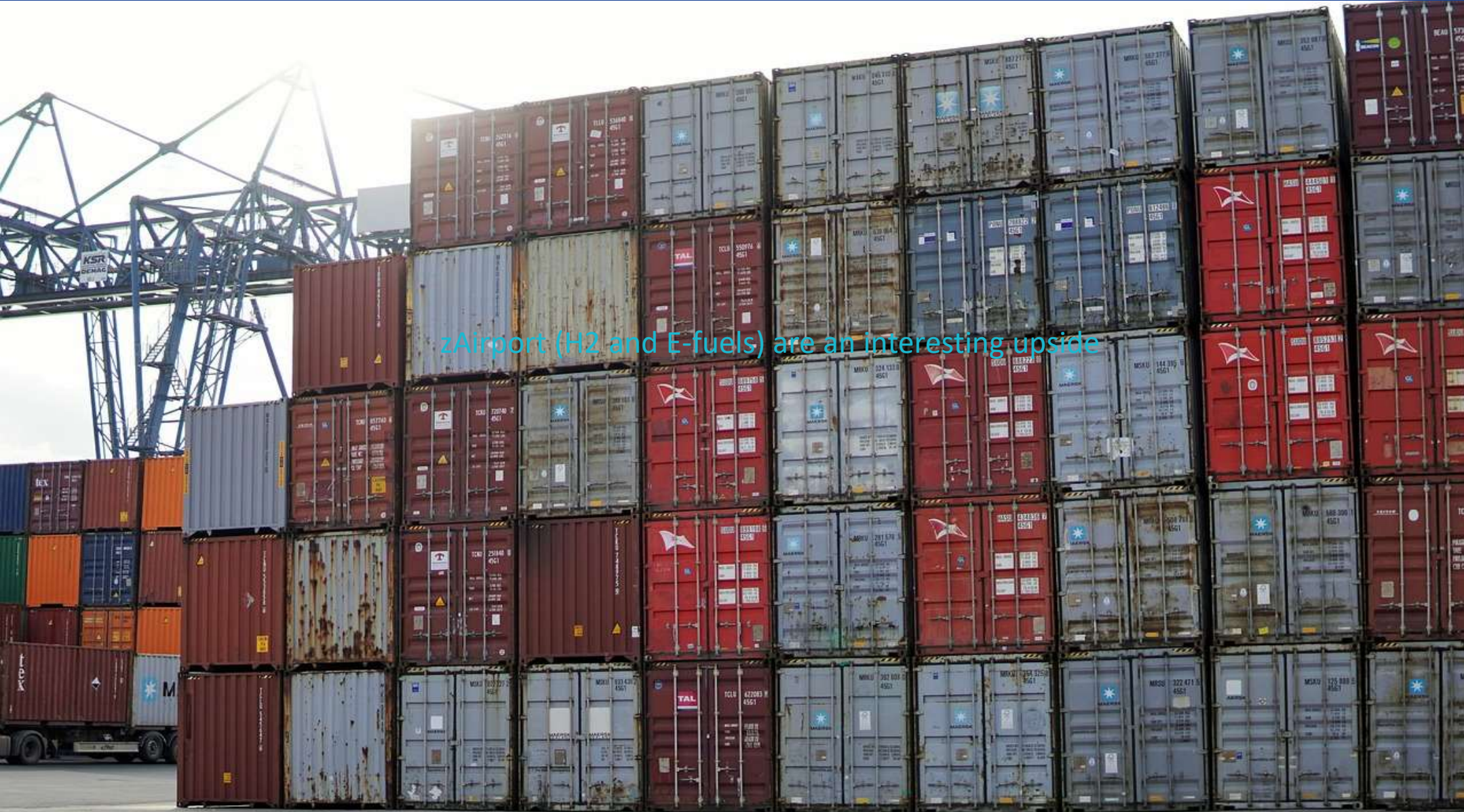
And a second focus on a hydrogen river corridor



Airport (H2 and E-fuels) are an interesting upside

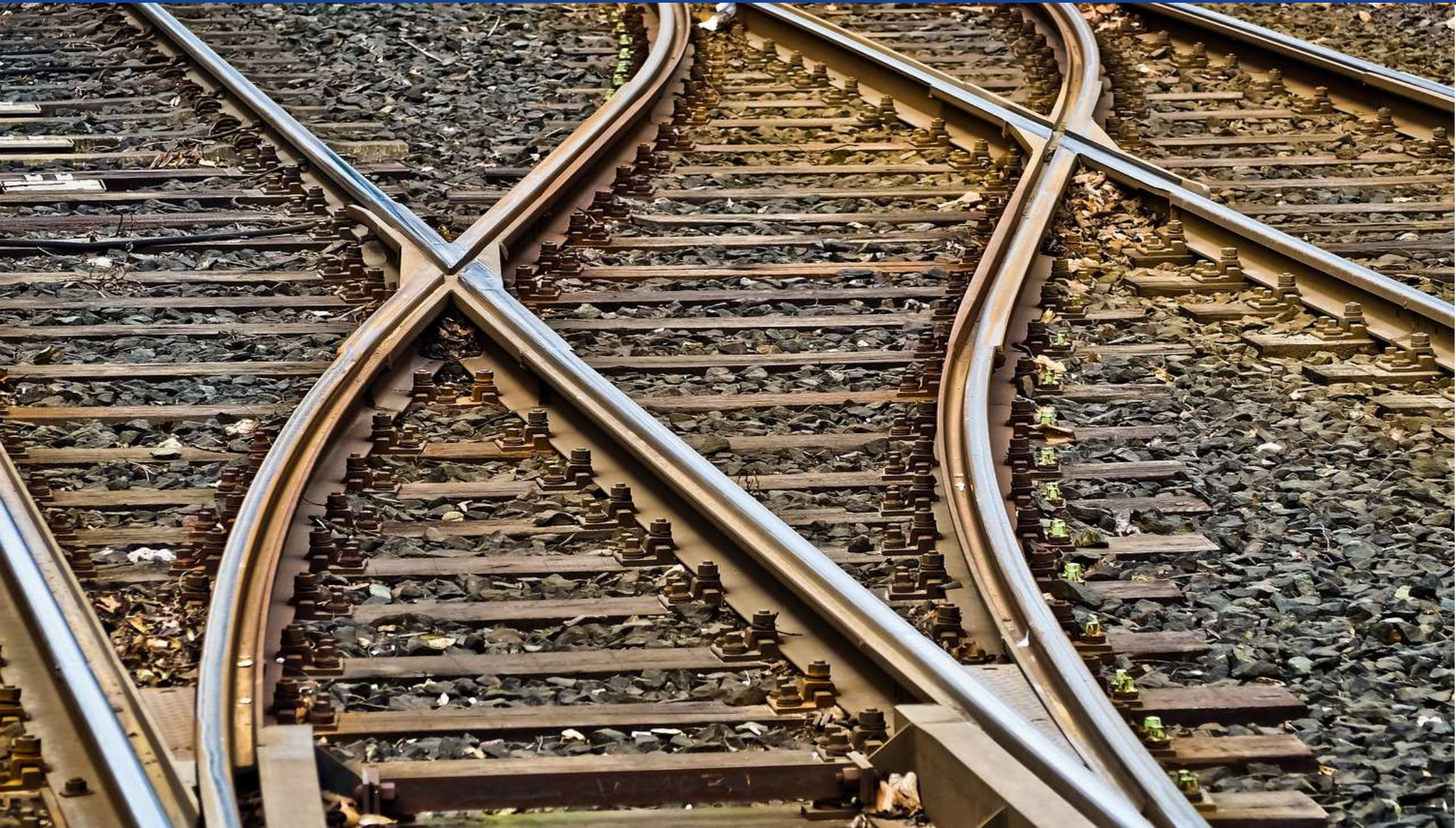


Ports offer a natural H2 play, another interesting upside



zAirport (H2 and E-fuels) are an interesting upside

Last but not least railroads may offer H2 transport upsides



Uneven subsidy schemes might however hamper the development

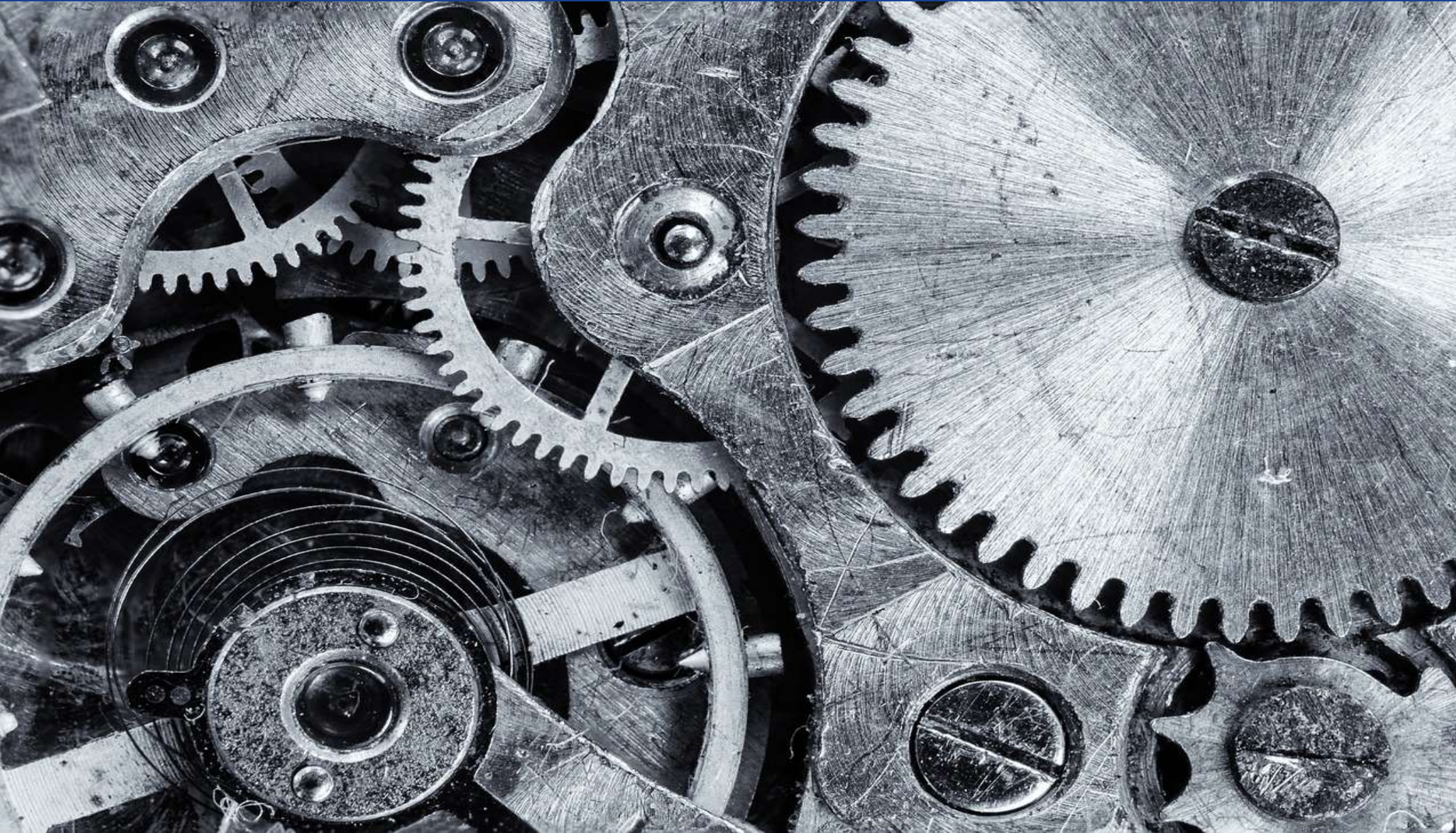
ATTENTION POINT



H2 know how and skill force needs to be mutualized and developed



H2 techs / products start to be developed and should be pushed



EMR can become a hub for H2 mobility services (roads and rivers)



With H2 know how and products that can then be exported



The cross border (players accross two countries) and cross sector (industrials with tech center) links should therefore be fostered

Build on the success of the Francorchamps Initiative

Get inspired by the Julich dynamic in DE and extend it

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H2

Looking forward through the **EMR Hydrogen Roadmap**

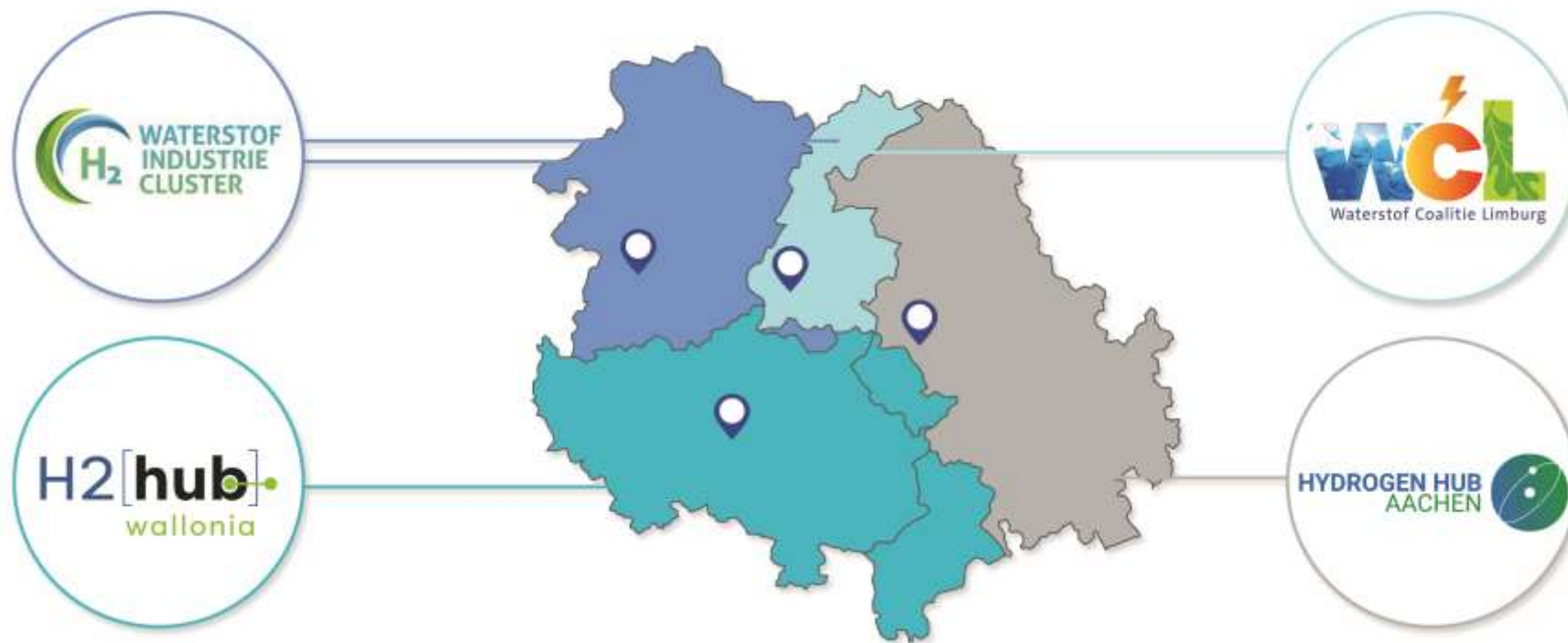
Raphaël Schoentgen – Hydrogen Advisors

and the continued online booster

Valère Counet – Cluster TWEED

EMR H2 BOOSTER

Existing H2 clusters joining forces and structuring over the whole EMR region



EMR H2 Booster common services offer



The end of the project that is being transformed into a crossborder common services offer

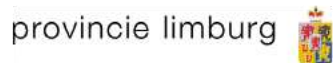
Project partners



Associated partner



Co-financers



Virtual EMR H2 Booster



Scope / Virtual EMR H2 Booster with Liège

Training/job

Technifutur & forem

Research & Innovation Hub

Industrial Testing pilot & infrastructure & Research and Innovation

CRM Be-blue Ecodistrict : what size/capabilities...

International H2 Europe

Hydrogen Europe, BEI / AWEX International (export) & link to global H2 network

Advisory & financing project building-up (incubation-> market)

WSL WE Noshag

H2 Networking

TWEED

Regulation Certification Permitting

BHC

Scope / Virtual EMR H2 Booster with BE Limburg

Training/job

Syntra PXL (Campus T2 Genk)

Research & Innovation Hub

VITO & Energy Ville are working on electrolysers research

Industrial Testing pilot & infrastructure & Research and Innovation

Energy Ville: for research and testing

Factory or Flanders Make for pilot lines

International H2 Europe

Advisory & financing project building-up (incubation-> market)

- LRM & Nuhma for Venture Capital
- Vlaio for flemish subsidies on hydrogen within the ecologiepremie+ program

H2 Networking

WsN & POM Limburg, although broader scope than hydrogen

Regulation Certification Permitting

BHC

Scope / Virtual EMR H2 Booster with NL Limburg

Training/job

Maastricht University, HS-Zuyd, LIOF, Hydrogen Coalition Academy with WCL

Research & Innovation Hub /Industrial Testing pilot & infrastructure & Research and Innovation

Brightlands Chemelot Campus, RWTH Aachen, TNO

International H2 Europe

Hydrogen Europe, WaterstofNet, TNO, TU-eindhoven, Forschungscentrum Julich

Advisory & financing project building-up (incubation-> market)

Volantis, Arcadis, Buck Consultants, LIOF, LEF, Invest-NL, RvO, Sustainnovate Today

H2 Networking

WCL, WaterstofNet, LIOF,

Regulation Certification Permitting,

TNO, KIWA, TuV, Province of Limburg, Veiligheidsregio Limburg

Scope / Virtual EMR H2 Booster with Aachen

Training/job

IHK Aachen via DIHK

Forschungszentrum Jülich (Helmholtz-Cluster HC-H2)

Zukunftscluster Wasserstoff

i Gas Energy

Research & Innovation Hub / Industrial Testing pilot & infrastructure & Research and Innovation

TME RWTH Aachen ; Fraunhofer IPT ; Aldenhoven Testing Center

International H2 Europe

Forschungszentrum Jülich (Helmholtz-Cluster HC-H2) ; Zukunftscluster Wasserstoff ; JARA

Advisory & financing projects (incubation-> market)

AGIT

H2 Networking

Hydrogen Hub Aachen

Regulation Certification Permitting

TrHy (Duisburg)

EMRH2 Booster Target

TARGET

- Sme's & technology providers within the EMR region
- Users (challenge owner H2 needs)
- International provider willing to penetrate the EMR market

EMR H2 Booster Long term vision

Long term vision

How to guarantee the long term from here to the Virtual EMR H2 Booster?

- The Francorchamps Hydrogen Initiative

thanks to the success of the first edition, we are already thinking about a second edition and we are confident to continue structuring the EMR H2 ecosystem and more in Francorchamps

- Webinars inter clusters on the 3 sub-ecosystems identified in the study

- EMRH2 Roads Corridors
- EMRH2 Rivers Corridors
- EMRH2 Ecosystem

- Access to European Projects/ New Interreg projects

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Interreg

Euregio Meuse-Rhine

European Regional Development Fund



EUROPEAN UNION

EMR H2 Booster closing event

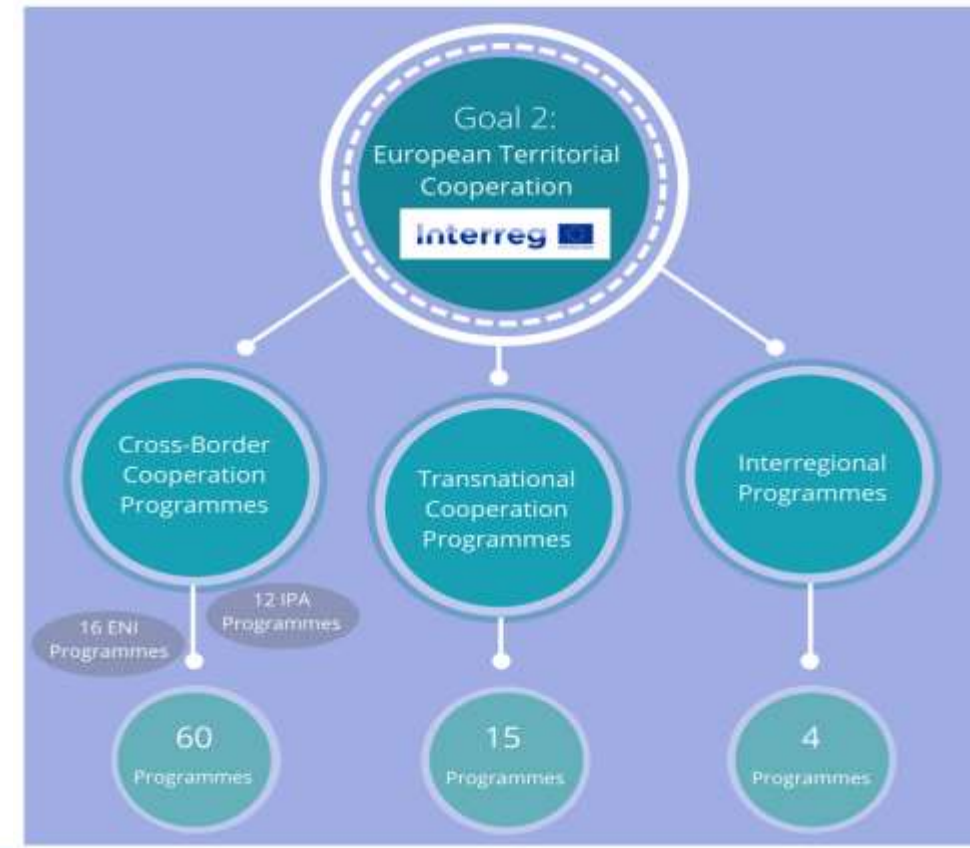
Coördinator EMR

Rob van Vugt

European Funding & Interreg

About Interreg

- **EU Cohesion**
- Jointly tackle common challenges and find shared solutions
- Three types of Interreg programmes
- **Interreg EMR** ➔ Cross-border operation

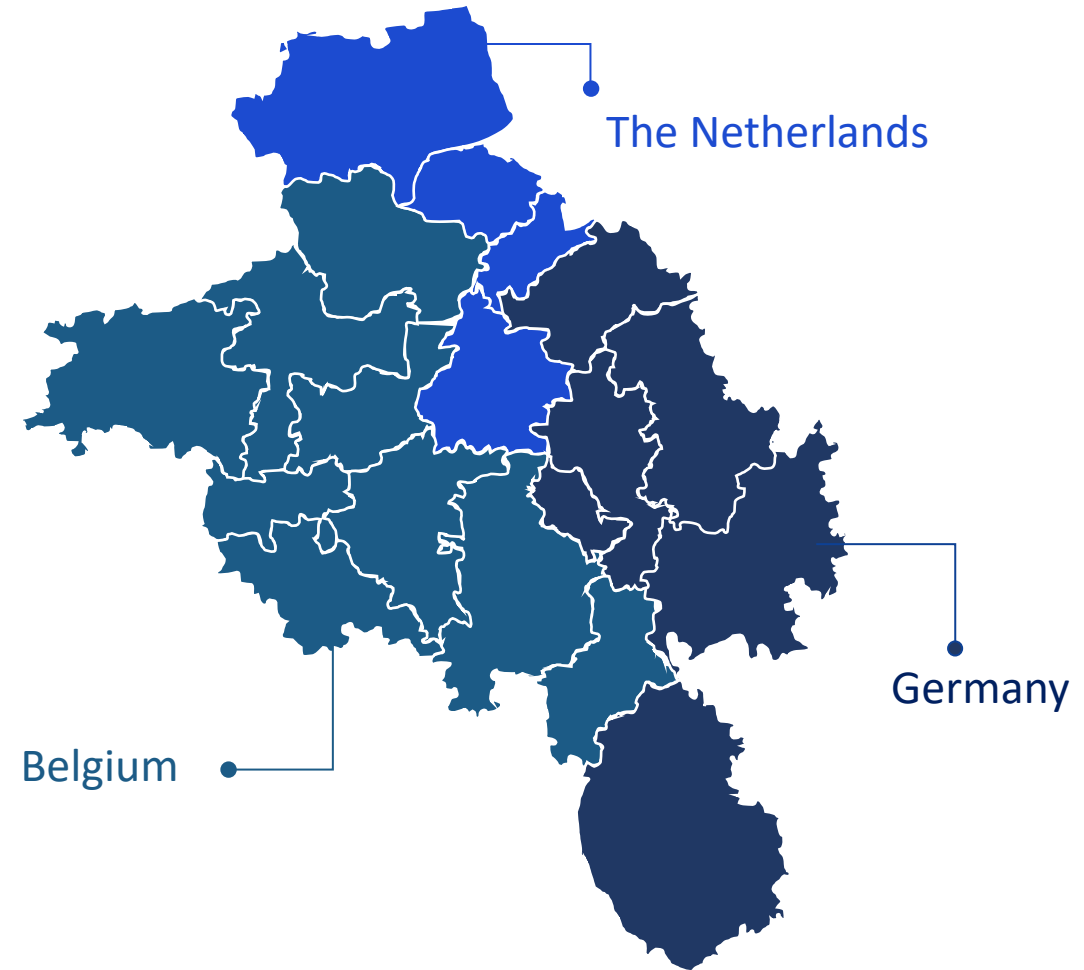


European Funding & Interreg Euregio Meuse-Rhine

- Growing together through **cooperation, trade and respect**
- Working together as equals, regardless of borders
- **Objective:** to promote a **harmonious development** of the Union as a whole



Interreg Euregio Meuse-Rhine



Our Programme 2014-2020

Four investment priorities:

- **Innovation**
- **Economy**
- **Social inclusion and education**
- **Territorial development**
- 2014-2020: **66** projects and over **500** partners
- **196 million EUR** total project-costs of which **50% ERDF**

Why did we believe in the H2Booster project?

Awareness for clean energy



The project created an overview of existing hydrogen initiatives and plans (status quo) in the EMR and developed ready-to-be-implemented case papers for the hydrogen sector in our region.



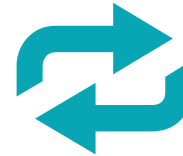
Cross-border collaboration

Promoted cross-border collaboration among stakeholders in hydrogen to establish a H2 network



Project Partners

Very competent project partners with the necessary expertise



Lifting borders

The project was focussed on trans-regional cooperation and inspiration via workshops, demonstration and inspiration events in all three countries



Initiated change

The aim of the project was to “boost” the realization of a clean hydrogen economy in the EMR

Congratulations to the EMR H2 Booster Project Partners

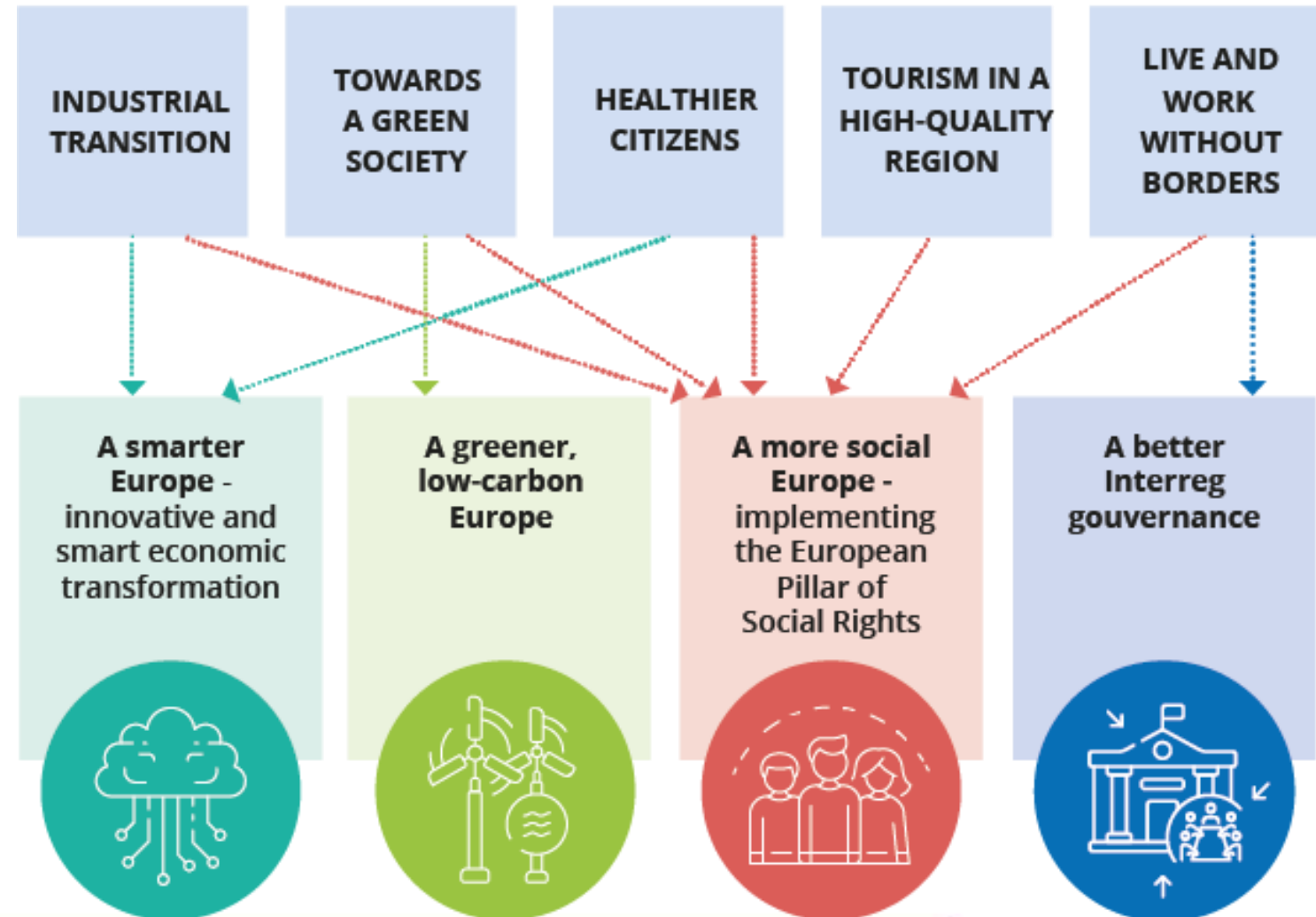


Industrie- und Handelskammer
Aachen



The Future of Interreg Meuse-Rhine (NL-BE-DE)

5 grand societal challenges



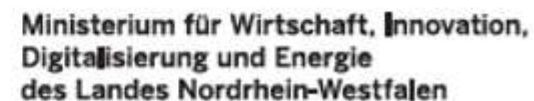
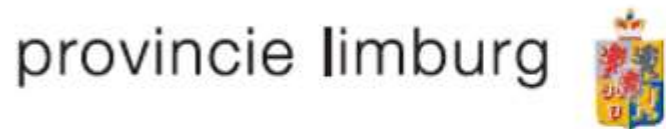
Interreg VI

- New 2021-2027 Interreg Meuse-Rhine (NL-BE-DE) programme has started
- Focusing on 5 grand societal challenges in 4 priorities, including **industrial transition**
- Launch of next call (nr 2) for proposals is currently being prepared for early next year

Interreg VI

- Goal to further **reduce administrative burden**, both for applicants/beneficiaries as well as for the programme
- Want to know more? Follow-us on Social Media, or contact the programme via the MA/JS or the Regional Antenna in your region

Programme Partners



Find us...



Website

www.interregemr.eu



LinkedIn

www.linkedin.com/company/interreg-emr



Twitter

@InterregEMR



Facebook

www.facebook.com/InterregMeuseRhine



YouTube

<https://www.youtube.com/channel/UC5546obnew12Qlg4qrlWAmQ>



Interreg

Euregio Meuse-Rhine

European Regional Development Fund



EUROPEAN UNION

Thank you for your attention.

Congratulations with the completion of this project.



Ministerie van Economische Zaken
en Klimaat



provincie limburg



Rheinland-Pfalz



VLAAMS-
BRABANT

Ostbelgien 



AGENTSCHAP
INNOVEREN &
ONDERNEMEN



Vlaanderen
is ondernemen

Provincie Noord-Brabant

region
aachen

Ministerium für Wirtschaft, Innovation,
Digitalisierung und Energie
des Landes Nordrhein-Westfalen



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Meuse – Rhine (NL – BE – DE)

H²Booster event,
23 Mai 2023

- **Introduction**
- **Interreg Meuse-Rhine (NL-BE-DE)**
- **For whom?**
- **Content of the program**
- **Let's get going!**
- **How does it work?**
- **Questions?**



Frederik Loy

Regional Antenna Limburg (B)

Interreg



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Meuse – Rhine (NL – BE – DE)

Interreg Meuse- Rhine (NL-BE-DE)

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Interreg Meuse-Rhine (NL-BE-DE)

- “Interreg” = EU program aimed at strengthening cross-border cooperation and reducing the barrier effect of the national border
- “Meuse-Rhine” = geografic area
- 6th edition, “2021-2027”, period 2022-2029
- Call 1 in progress – Call 2 opens in 2024

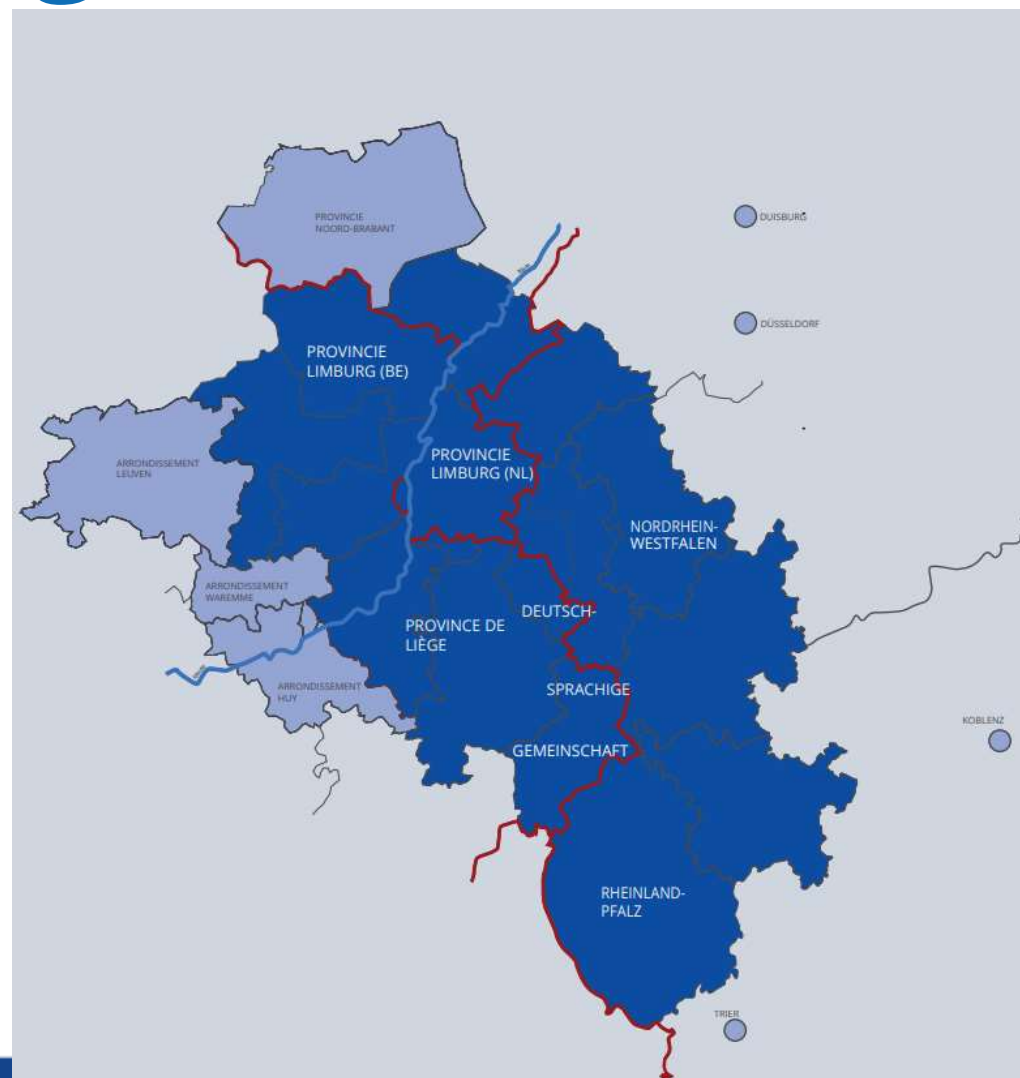
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Meuse – Rhine (NL – BE – DE)

Interreg Meuse-Rhine (NL-BE-DE)



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Meuse – Rhine (NL – BE – DE)

For whom?

Interreg



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Meuse – Rhine (NL – BE – DE)

For whom? – For you!

- (SME) business
- Educational and research institutions
- Governments
- Civil society....

Always in collaboration with at least one organization from one of the other member states in the program area

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Meuse – Rhine (NL – BE – DE)

Content

Interreg

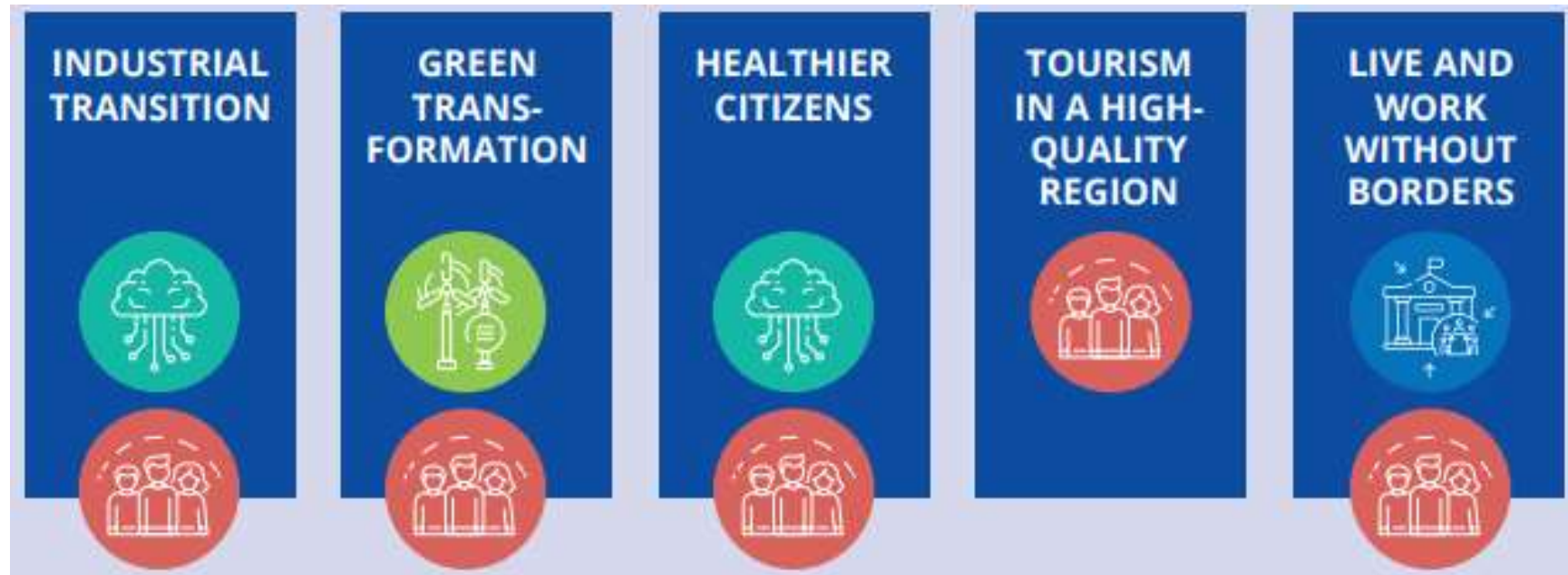


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Meuse – Rhine (NL – BE – DE)

Content

- Interreg Maas-Rhine (NL-BE-DE) contributes to five major societal challenges that have an impact on the entire program area:



Content

All this technically translated into 4 priorities:

- A smarter Meuse-Rhine area
- A greener, low-CO2 Maas-Rhine area
- A more social Meuse-Rhine area
- Better administrative cooperation in the Meuse-Rhine area

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Meuse – Rhine (NL – BE – DE)

Content



- Innovative Industry 4.0 solutions and development and implementation of advanced technologies – advanced manufacturing, industrial data, automation/robotics, 3D printing, IoT, blockchain technology, AI, battery technology, green hydrogen, photonics, biotech, nanotech and electronics, quantum technology, innovative chemistry and process technology
- Paving the way to greener production processes
- Impact on the labor market, training and lifelong learning

Content

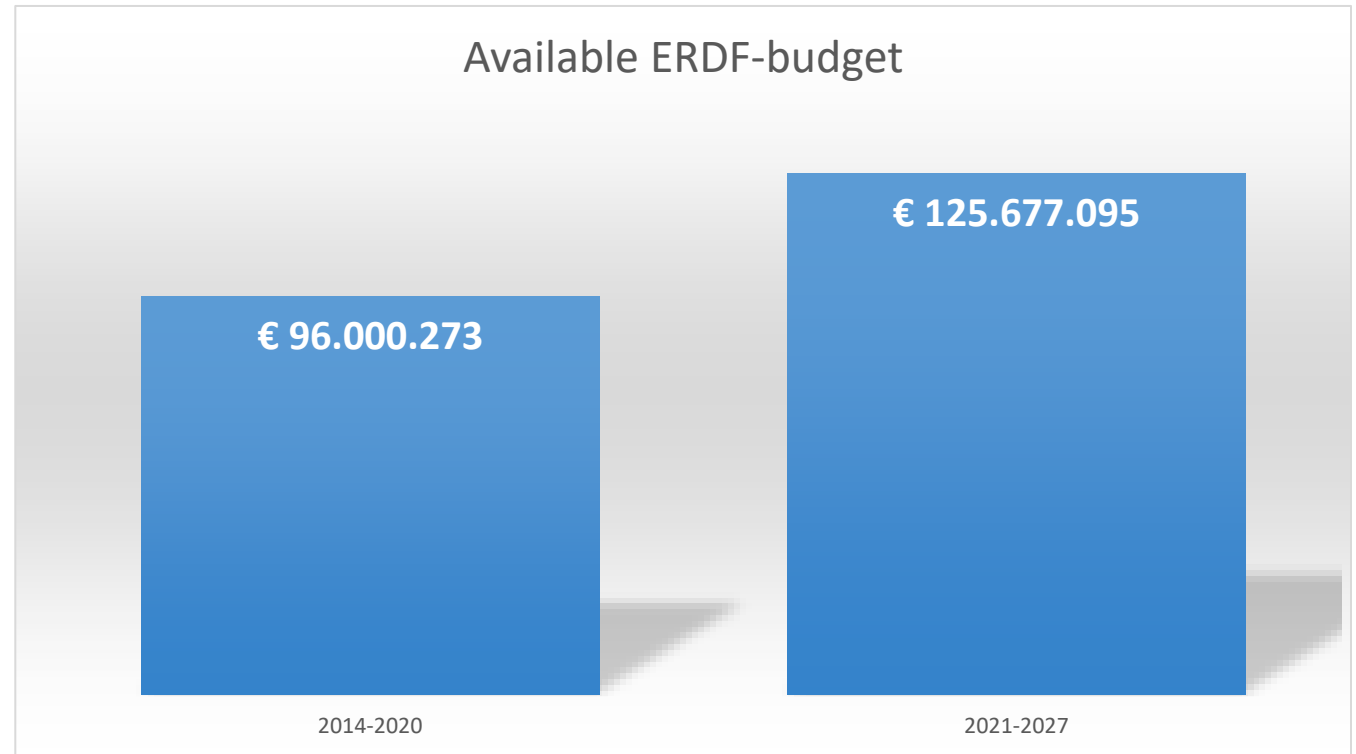


- Innovations to increase the share of renewable and clean energy
- Climate change adaptation, risk prevention and disaster resilience
- Embracing the circular economy by encouraging the use of green inputs, the reuse of raw materials and the reduction of waste flows
- Better match of green labor demand and supply from training

Content

Budget:

- Almost 31% extra budget
- 50% ERDF for projects



Content

- In short, a program with many starting points for relevant social themes
- More than € 117 million in EU contributions to projects and more than € 50 million in national co-financing is expected
- Stronger focus on SMEs
- Innovation aimed at higher TRL levels, close to the market

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Let's get going!

Interreg



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Let's get going!

- Define subject and test against program
- Thinking about concrete cross-border challenge(s), necessary impact and associated products / deliverables Looking for cross-border partners - **approach the Regional Antennas**
- Think about costs and financing - **maximum 50% EU contribution, arrange at least the other half yourself**
- Keep an eye on information / updates from the program about the approval process and the launch of the first call for proposals via www.interregemr.eu/2021-2027

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How does it work?

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How does it work?

- Faster application and selection procedure
 - Project calls / calls for proposals as application procedure
 - Digital 2-step procedure (step 1 short project sketch to test suitability and chances of success in the program and step 2 full application)
 - Clear “go” / “no go” after step 1
 - Shorter duration of application procedure
 - More focus on quality and guidance during the application process

How does it work?

- Faster application and selection procedure under development
 - Call calendar is under development
 - Further reduction of administrative burden
 - Introducing new simplified cost options
 - Management verifications instead of 100% First Level Control - **less focus on financial control, more focus on substantive realization**
 - New monitoring system JEMS

Questions?

Interreg



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Meuse – Rhine (NL – BE – DE)

Questions?

-
-
- Knowing more? Follow us on www.interregemr.eu , or contact me or one of my colleagues

Thank you for your attention!

Interreg



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23 May 2023

How to go from H2Booster to demonstrations

EMR-H2-Booster

- EMR-area is geographically important/strategic for hydrogen
- H2-Booster delivered crucial information on :
 - Visions
 - Actors
 - Applications
 - Roadmap
 - Connecting people
- Can we together with Interreg make the next step towards demonstrations ???

“Yes, we can”

Proven record of key-demonstrations by industry/Interreg



Lessons learned for developing projects

- Clear project definition in 4 pages
 - 1 page : project idea
 - 1 page : consortium
 - 1 page : budget
 - 1 page : planning
- Project idea: in line with the roadmap/ambition of the consortium/visions
- Consortium: not only 'coalition of the willing', but also 'consortium of the investing'
- Budget: realistic budget, including costs for demonstration
- Planning: realistic planning, including delivery times, permitting/homologation/....

Let's take the next step together

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WaterstofNet

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Nederland

 WaterstofNet

 WaterstofNet

WaterstofNet.eu

Bedankt voor uw aandacht!
Thank you for your attention!



Join us!

**12:10 Consortium picture moment
&
Reception and lunch**

www.emrh2booster.eu