



# POMORSKIE VOIVODESHIP

## Pomorskie Hydrogen Action Plan

Łukasz Dąbrowski



Gdańsk, 25th March 2026

**Interreg**  
CENTRAL EUROPE



Co-funded by  
the European Union

H2CE

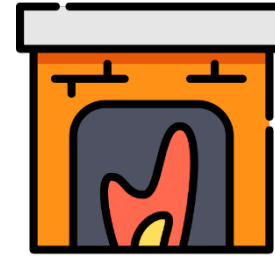


## Electro energetic



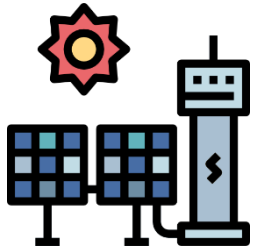
- Deficit of electric power in Energy sources, high potential for their location

## Heat Energy



- Improve Energy efficiency in building sector, development district heating

## Renewable Energy Sources



- Potential for the development of renewable Energy (wind, sun, biomass) and green hydrogen production (**Energy storage, transport fuel**)

## Improving air quality



- Despite the relatively clean air, pollution occurs mainly with particulate matter



Regional Strategic Programme for energy and environmental safety

Regional Strategic Programme in the field of economy, labour market, tourist offer and free time

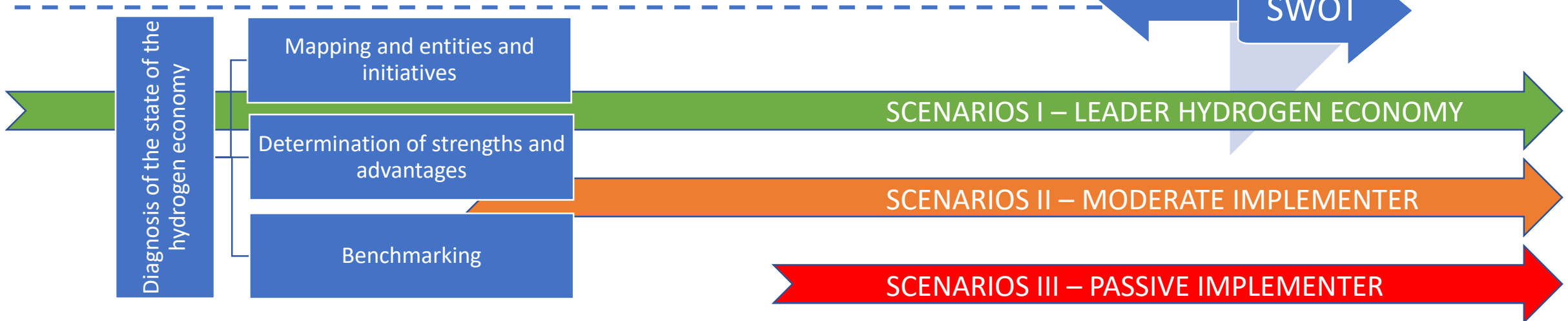
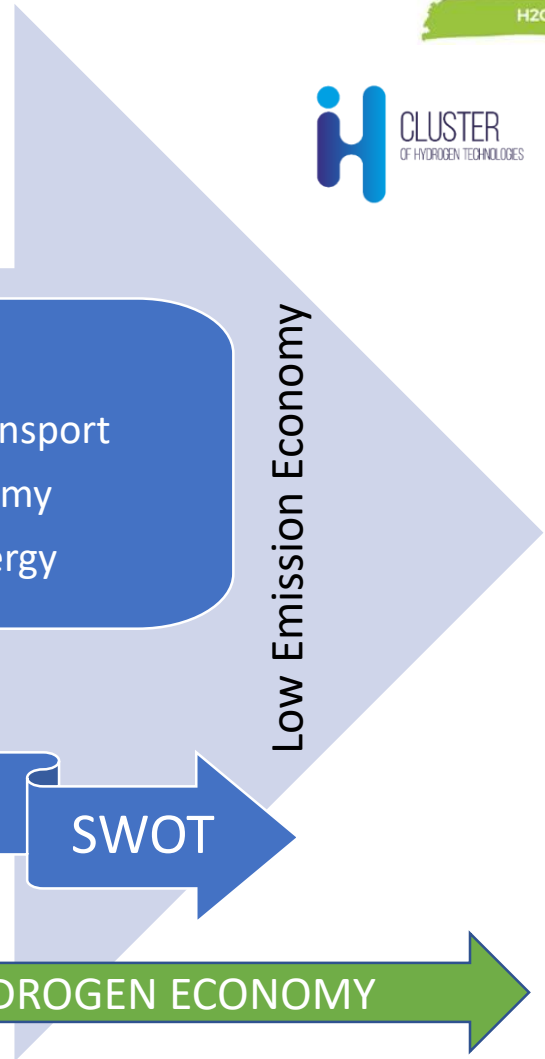
B+R Technologies

Design and development of hydrogen installations and devices

Generation, transmission and storage of hydrogen

Use of Hydrogen:
• Rail and road transport
• Municipal economy
• Industry and Energy

Competences (Education, Social Awareness)





# Pomerania on light gas - directions and scenarios for the development of the hydrogen economy until 2030 with an outlook to 2040 (REPORT)



Economic and Energy Potential

Strategic Location and Natural Resources

Decarbonisation and Competitiveness

Infrastructure and Technology Support

Social and Local Governmental Commitment

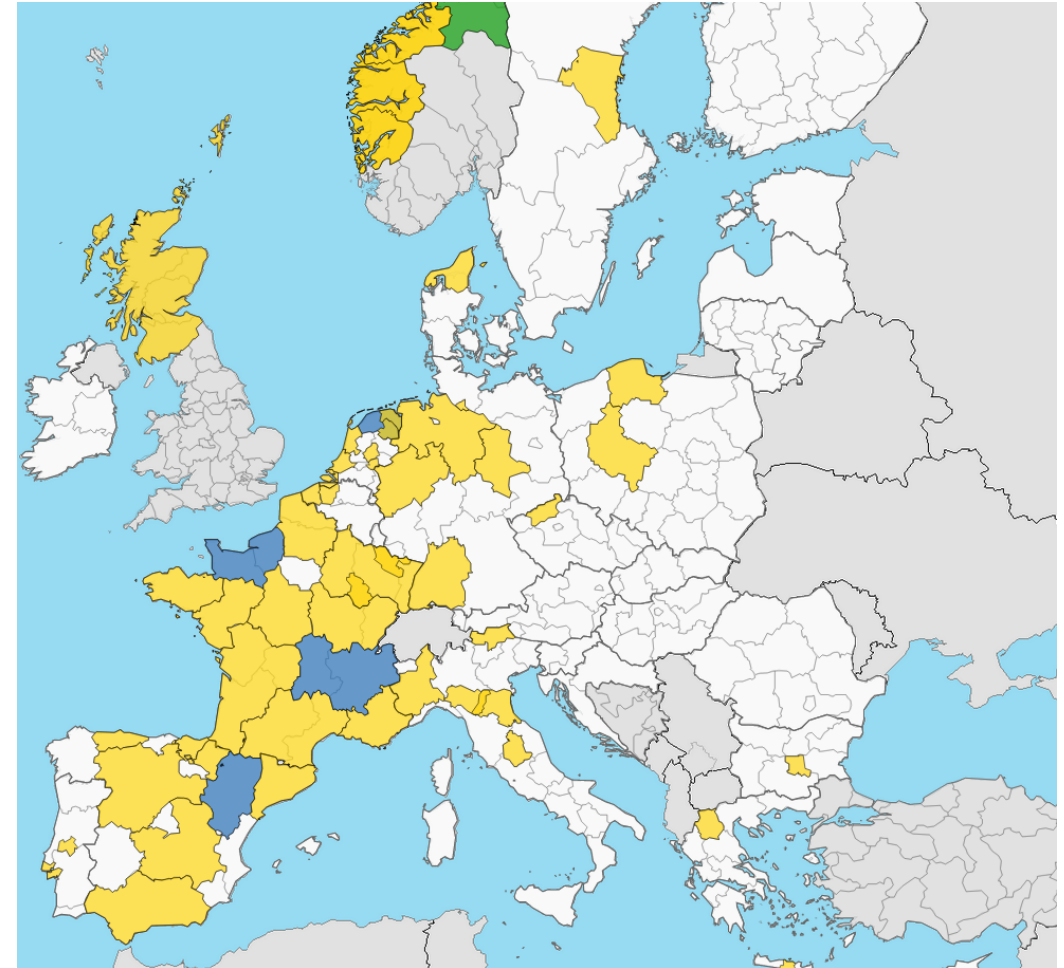




POMORSKIE  
VOIVODESHIP

European Hydrogen Valleys Partnership  
S3 platform

Acceptance  
date:  
12.04.2022



<https://s3platform.jrc.ec.europa.eu/hydrogen-valleys>



## POMORSKIE VOIVODESHIP

*2 Hydrogen filling station from 2024*

*In Gdańsk and Gdynia*

*17 Hydrogen buses in Gdańsk and Gdynia*

*Main Investor: ZEA PAK*

*Main Investor: ZEA PAK*

*Green H2 - start in 2028*

*Electrolyser - 1 MW*

*H2 - 140 ton per year*

*Amber Hydrogen Valley - preparer project*

*Electrolyser*

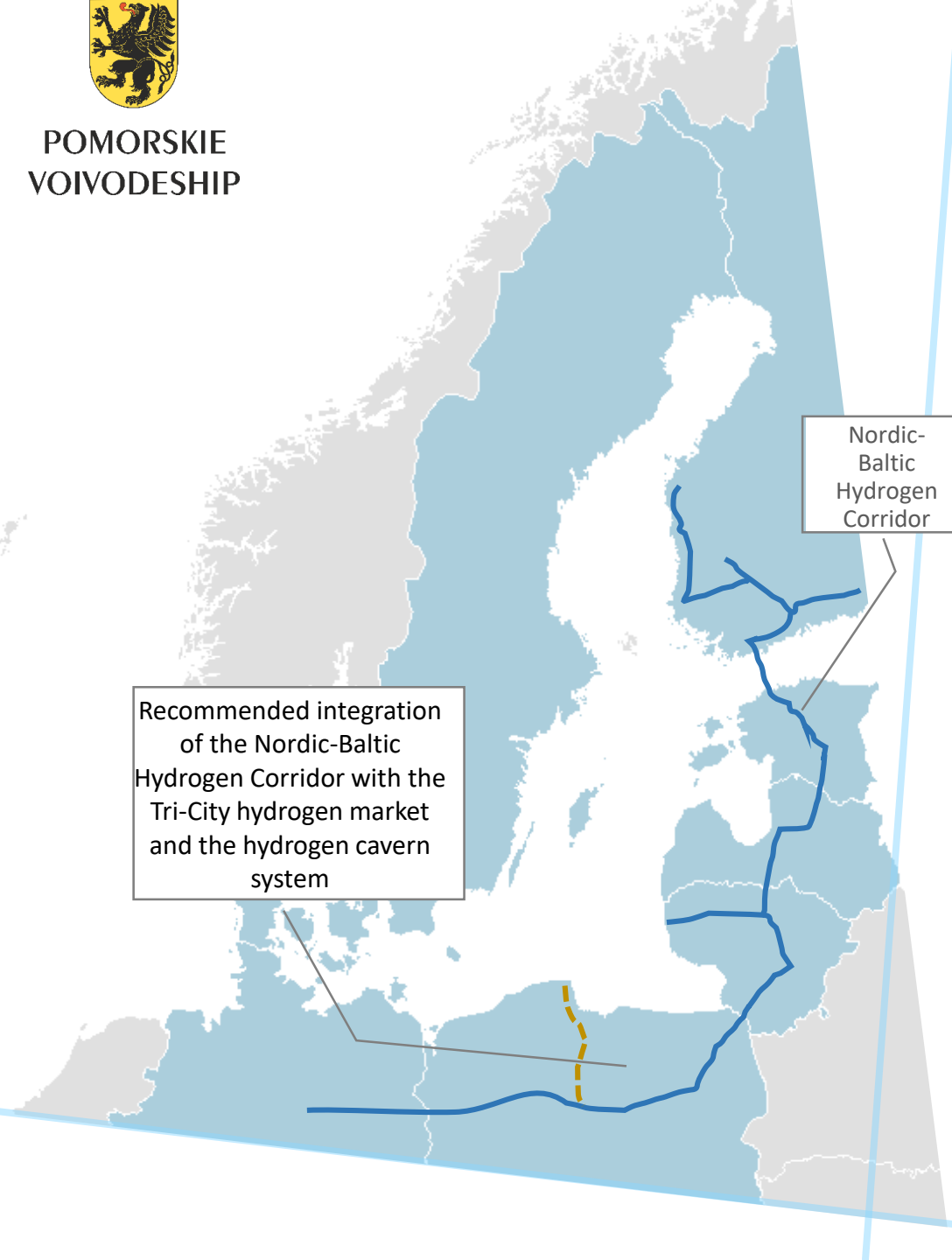
*Port Infrastructure*

*Pure H2*

*Storage Green H2*



*Picture: Gdansk.pl*



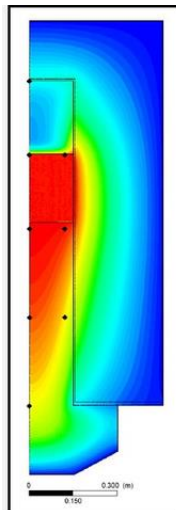
## The Baltic Sea region is undergoing a profound energy transition, with significant changes to the way energy is produced, consumed and distributed.

- The Nordic-Baltic Hydrogen Corridor is currently in the feasibility study stage, with studies being carried out at the level of the individual countries involved in the project's development.
- Given the expected growth of the hydrogen market in the Pomeranian Voivodeship, as well as the potential development of a salt cavern storage system in Kosakowo, it seems reasonable to integrate these areas into the planned hydrogen transmission system.
- This could be achieved either directly, by determining the route of the pipeline and taking into account the key resources of the Pomeranian Voivodeship,  
or indirectly,
  - by constructing a pipeline that would integrate the local hydrogen market with the Nordic-Baltic Hydrogen Corridor transmission pipeline.



POMORSKIE  
VOIVODESHIP

# Pomerania Region as a centre for innovation in hydrogen technology





POMORSKIE  
VOIVODESHIP

Thank you for your attention!

Department for Economic Development  
Office of the Marshal of the Pomorskie  
Voivodeship

Interreg  
CENTRAL EUROPE



Co-funded by  
the European Union

H2CE

# CLUSTER OF HYDROGEN TECHNOLOGIES

