

**Energy
transformation
- the use of
green energy in
the modern city**



BODØ



Iceland
Liechtenstein
Norway grants



Ministerstwo Funduszy
i Polityki Regionalnej



ZWIĄZEK
MIAST
POLSKICH



Norweski Związek
Władz Lokalnych
i Regionalnych



OECD



INSTYTUT
ROZWOJU MIAST
I REGIONÓW



Piła 07.12.2023



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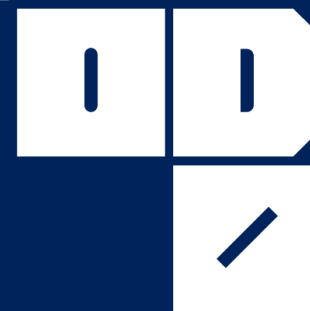
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THE HISTORY

- 1816
- 1930
- 1940
- 1952
- 2012
- 2024
- 2029



BODØ2024
EUROPEAN CAPITAL
OF CULTURE





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THE AIRPORT

- Bodø city is embarking on Norway's largest urban development project
- We are moving the airport 900m southwest, into the ocean

An aerial photograph of Bodø, Norway, showing the city built on a peninsula. The airport is visible in the foreground, and the surrounding waters and islands are visible to the left. The city is densely packed with buildings and roads.

BODØ CITYS NEW SANDBOX

- 5,5 km² \approx 800 fotball fields
- 2 km² Urban development and industry
- 15,000 Residents
- 20,000 Workplaces





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THE NEW CITY

6 MAIN TOPICS

- Environment
- Well-being and recreation
- Vegetation and climate
- Mobility and infrastructure
- Nature and cultural landscape
- Housing and industry

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THE PORT

- A major upgrade of the existing port
- Electrical container ships 25MWh
- Hydrogen ferry to the Lofoten Islands





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THE WHY

- **2030: Reduction of direct emissions by 70% compared to 2009 levels**
- **2030: Have a 70% material recycling rate for waste**
- **2050: A Low-emission society**
- **New sustainable, interesting, relevant jobs for the next generation**



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THE HOW

- The municipality's role?
- Identify challenges
- Feasibility analyses
- Cost-benefit analysis
- Offensive strategic, tailored one to one society and business development
- Reactive vs. proactive



Add to Simulation

Tools

Weather & Environment

Data

Timeline

Edit

Scenario

Add Object

Add Constraint

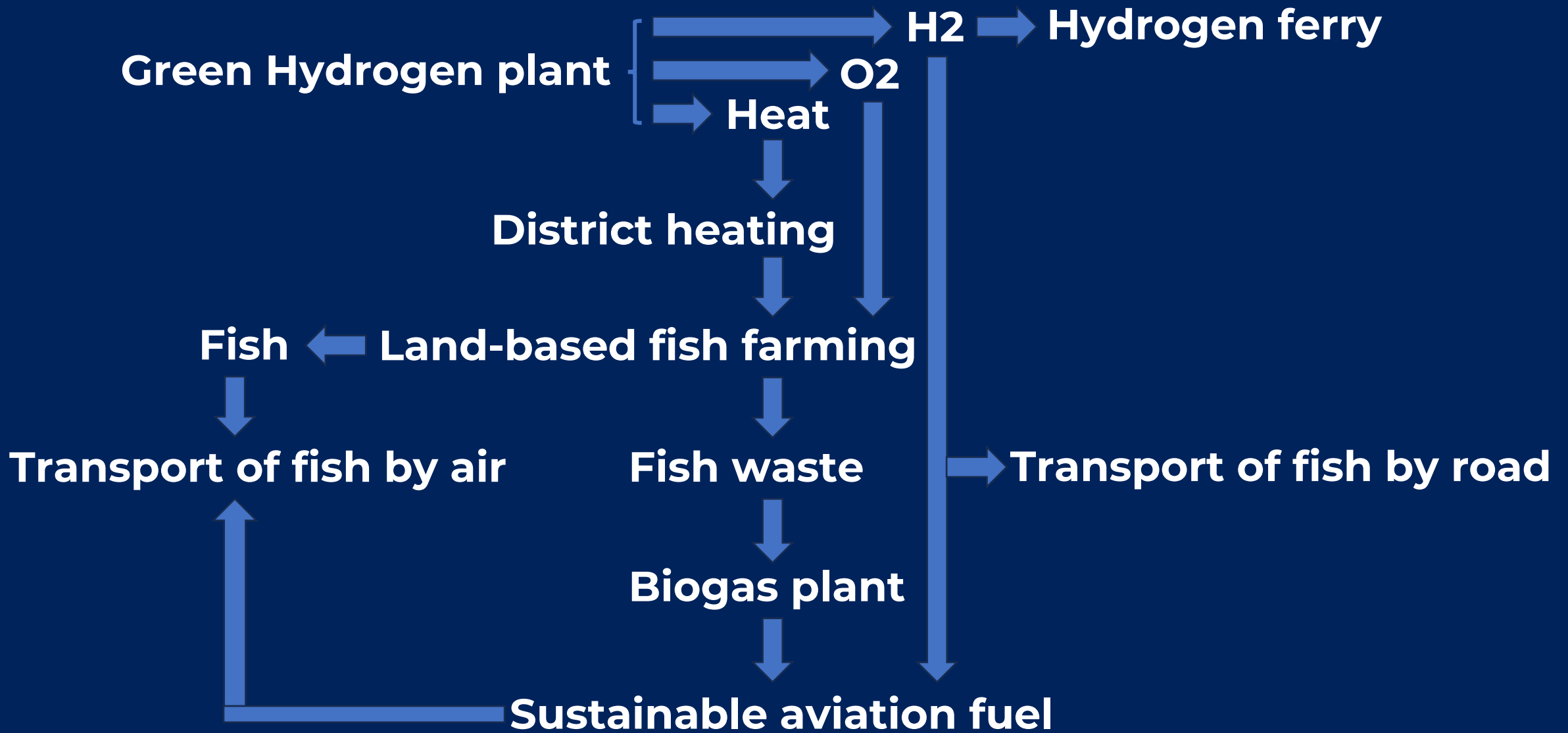
Add Wire

Terrain Editor

BODØ

THE INDUSTRIAL SYMBIOSES







FK BODØ/GLIMT

Før
Evig



SERIEMESTER 2021



THANK YOU FOR LISTENING



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