



Program  
Freight corridors  
East and South-East

02 june 2021



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**Grün über die Grenze**



# *Program Freight Corridors*

*An integral, multimodal and  
collaborative approach for  
Logistics Corridors*

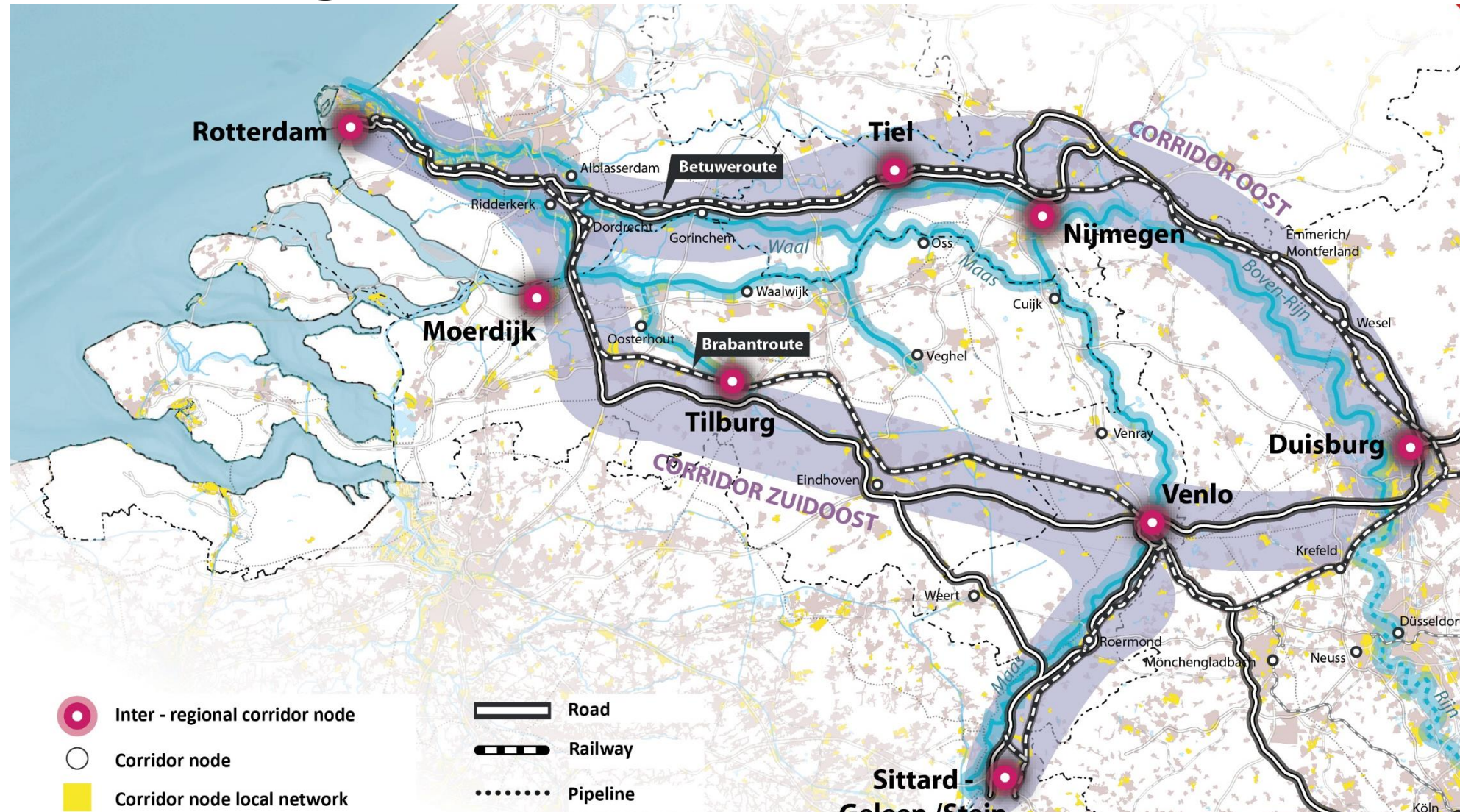
# Introduction



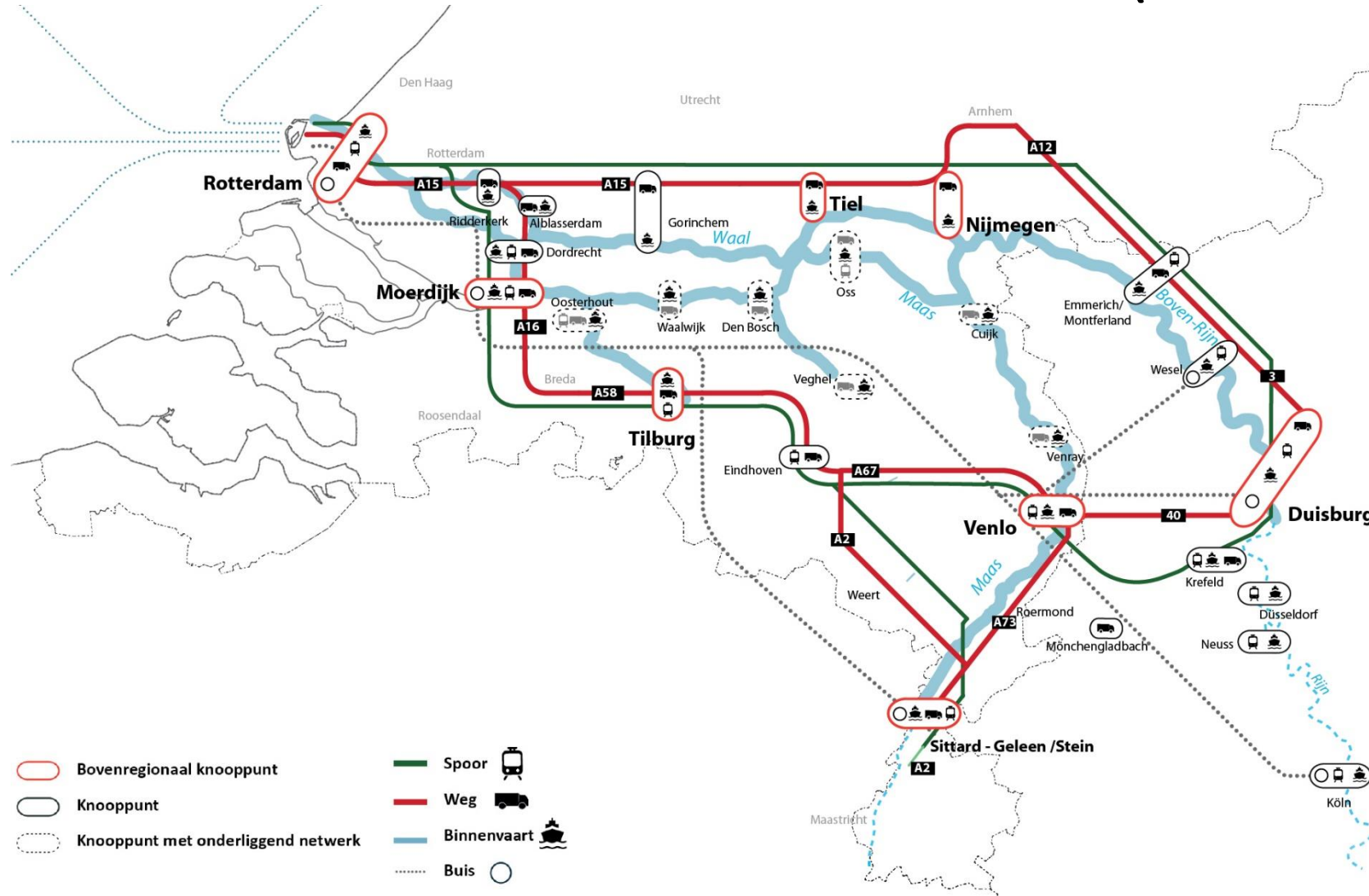
- Scope, figures & challenges TopCorridors Program
- Long term agenda 2030 & action plan 2021
- Actions on sustainability & Clean Energy Hubs (CEH)



# The Freight Corridors East and South East

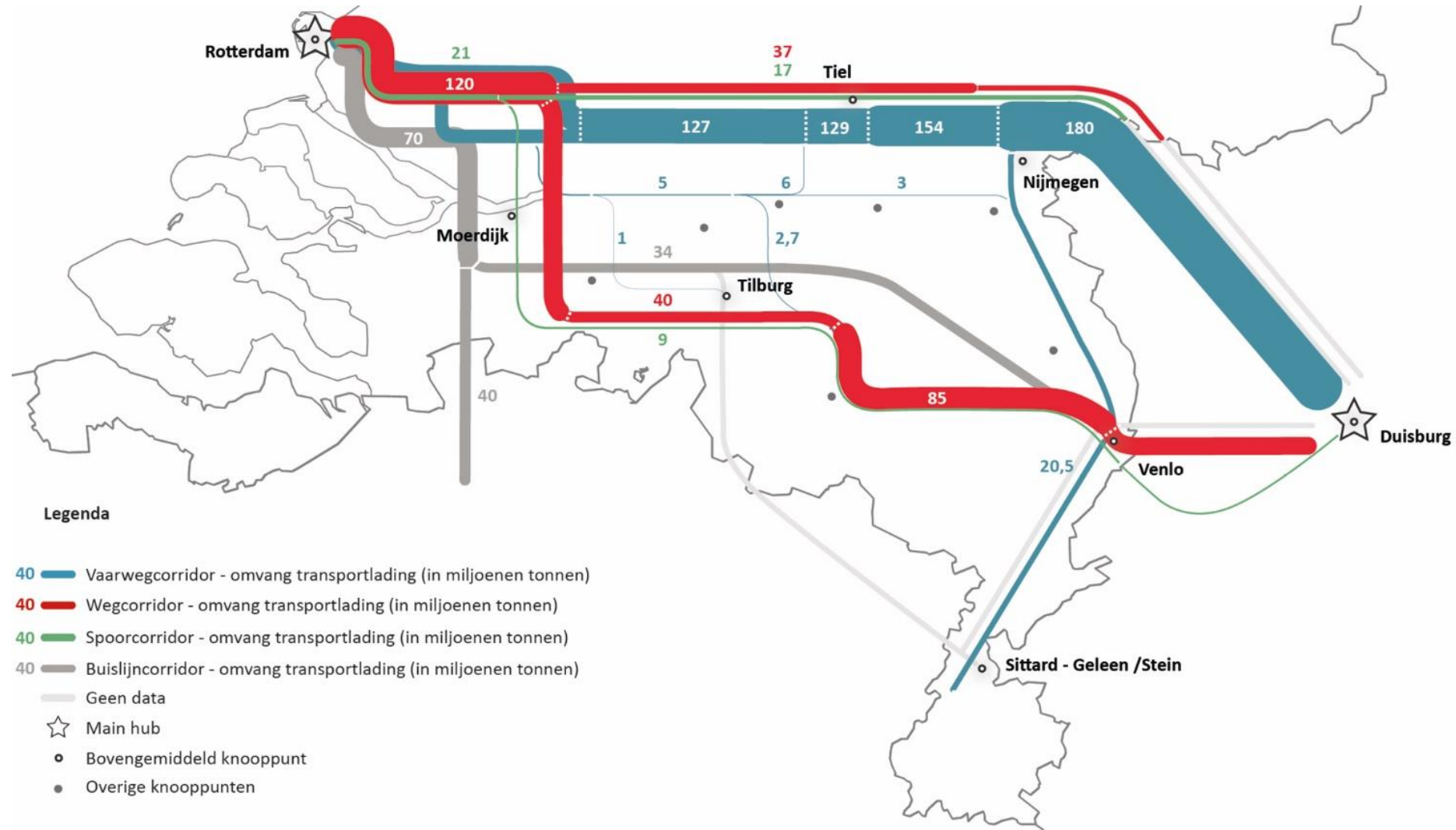


# Corridor network with Nodes (schematic)





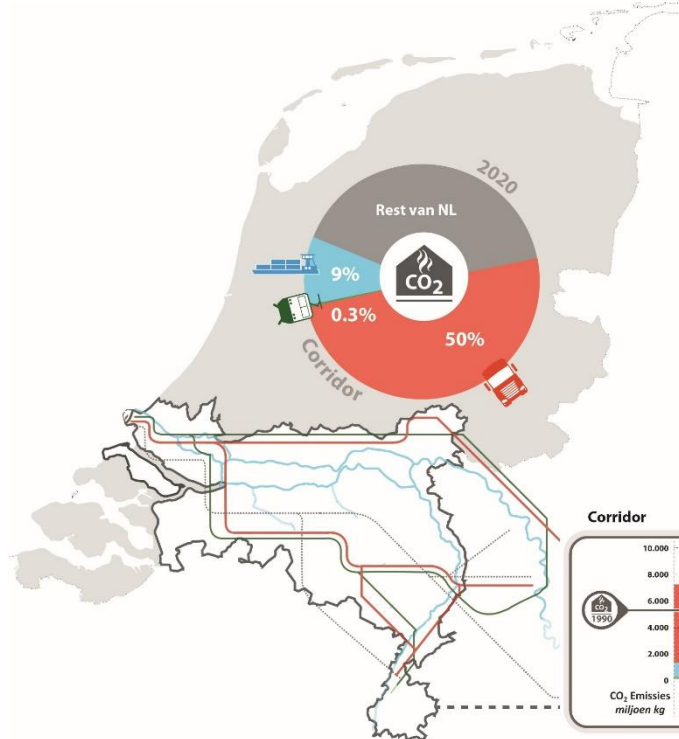
# Volumes of transport by mode (in million tons)



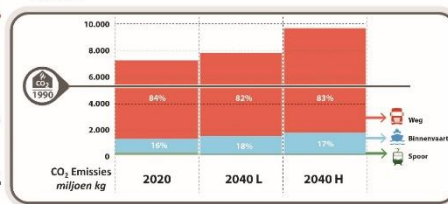
# Challenges in the corridors



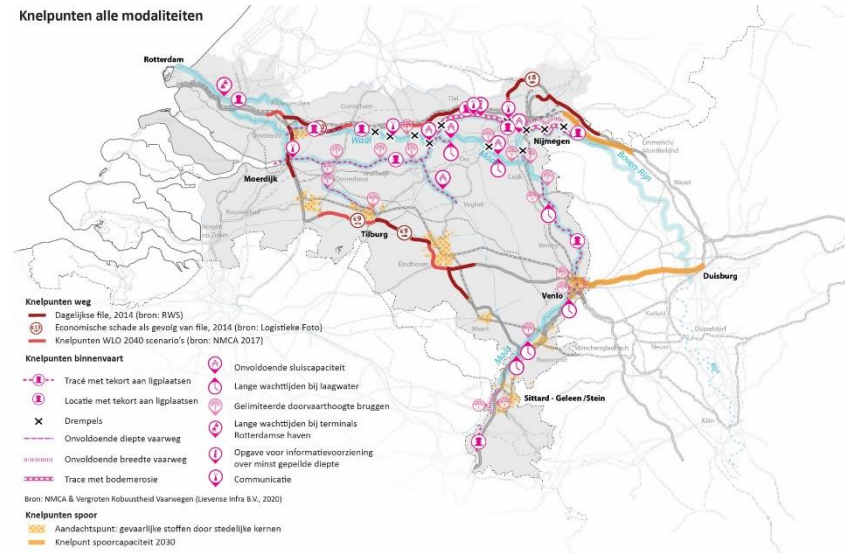
## CO2-emissions



Corridor

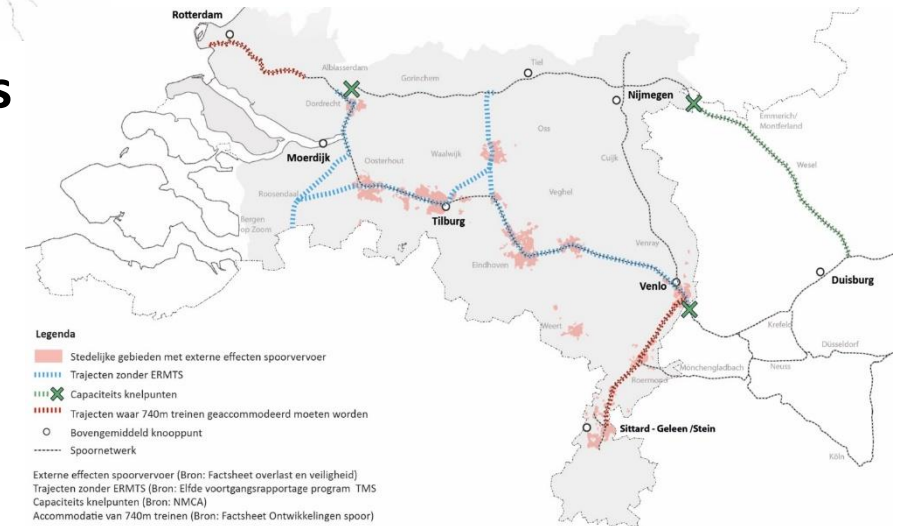


Knelpunten alle modaliteiten



## Infrastructure bottlenecks

## Environment rail





# Corridor programme: Combining forces



- Working on long term Corridoragenda 2030, with actions on:
  - Policy making for developping multimodal nodes for business (DC, EDC's, Industry and the freight transport sector and thereby focussing on rail, waterways, pipelines and road)
  - Modal shift through nodes leading to CO2 reduction and shifting freight from road to other modes of transport by different policy actions
  - Enhancing the development of clean energy hubs in the corridors
  - Robustness for waterway transport (low water depths and alternative routes) and railroads
  - Enhancing the use of digital data platforms
  - Clear strategy within a timeframe for investing in several perspectives
- Working on a combined budget shared by partners for realizing topcorridors

# Corridoragenda 2030 based on five strategic pillars



## PIJLER 1

Toekomstbestendige verbindingen tussen Mainport Rotterdam en het Europese achterland

## PIJLER 2

Internationale multimodale bereikbaarheid van het knooppuntennetwerk

## PIJLER 3

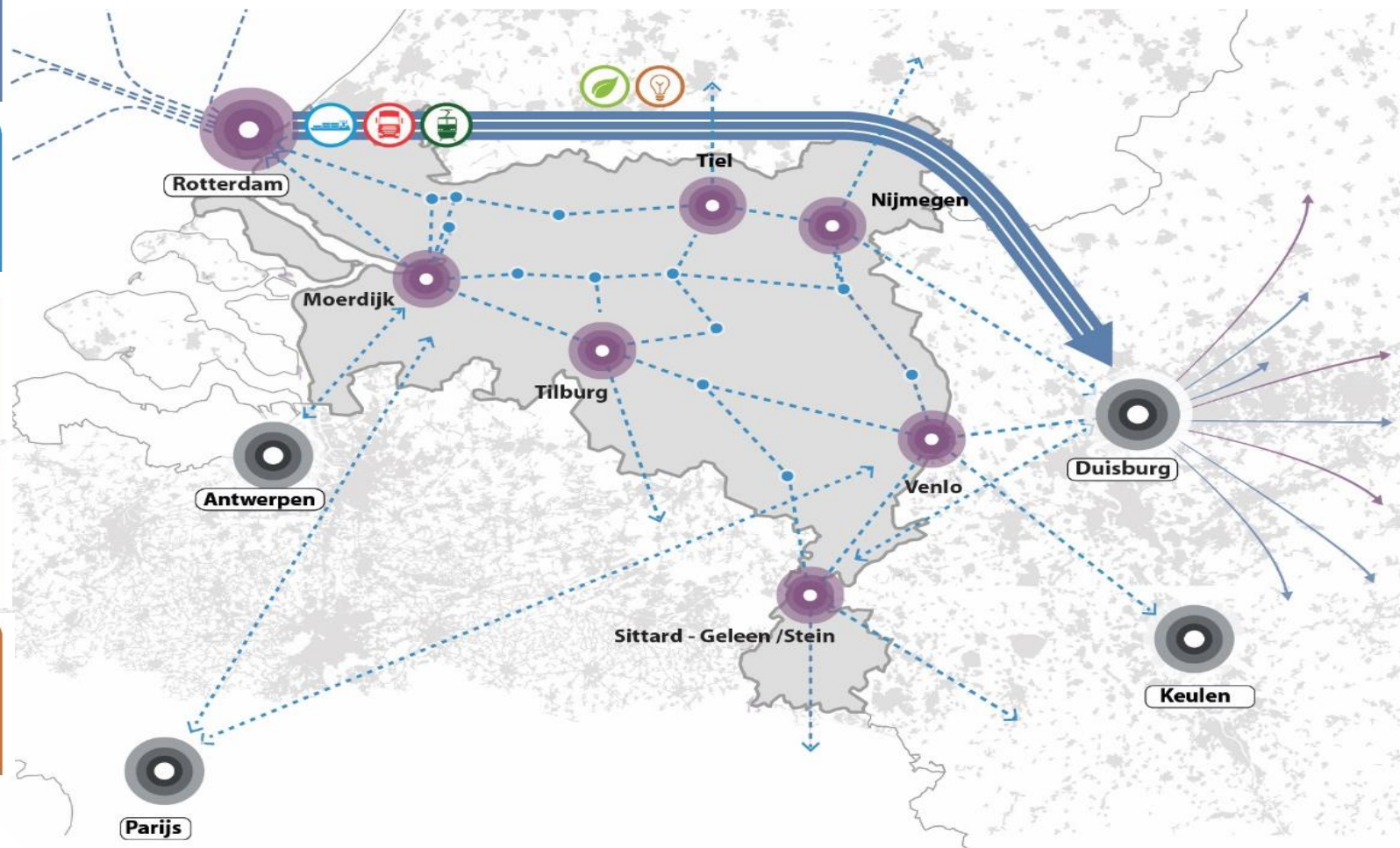
Duurzame ruimtelijk-economische ontwikkeling van strategische knooppunten

## PIJLER 4

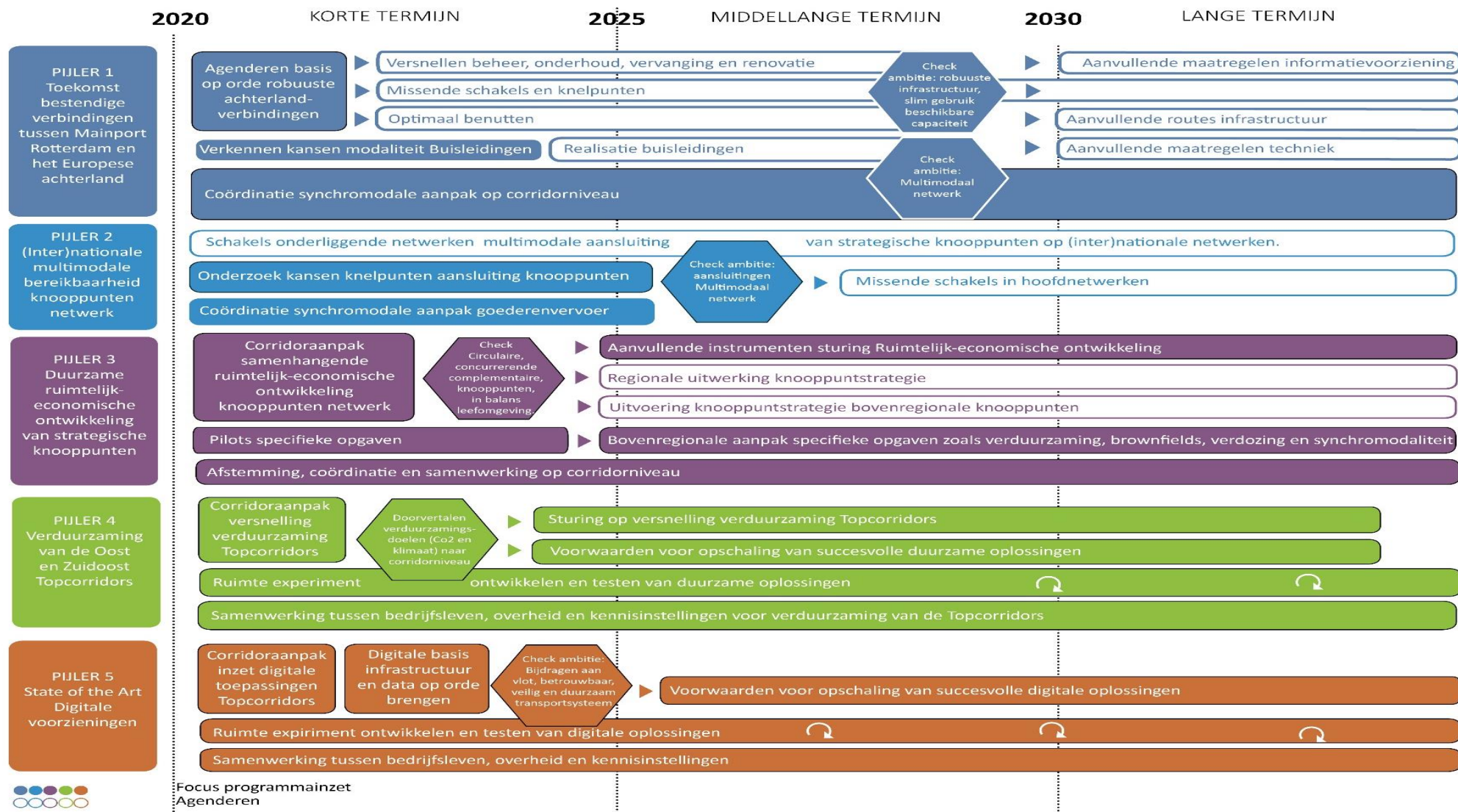
Verduurzaming van de Oost en Zuidoost Topcorridors

## PIJLER 5

State of the art  
Digitale voorzieningen

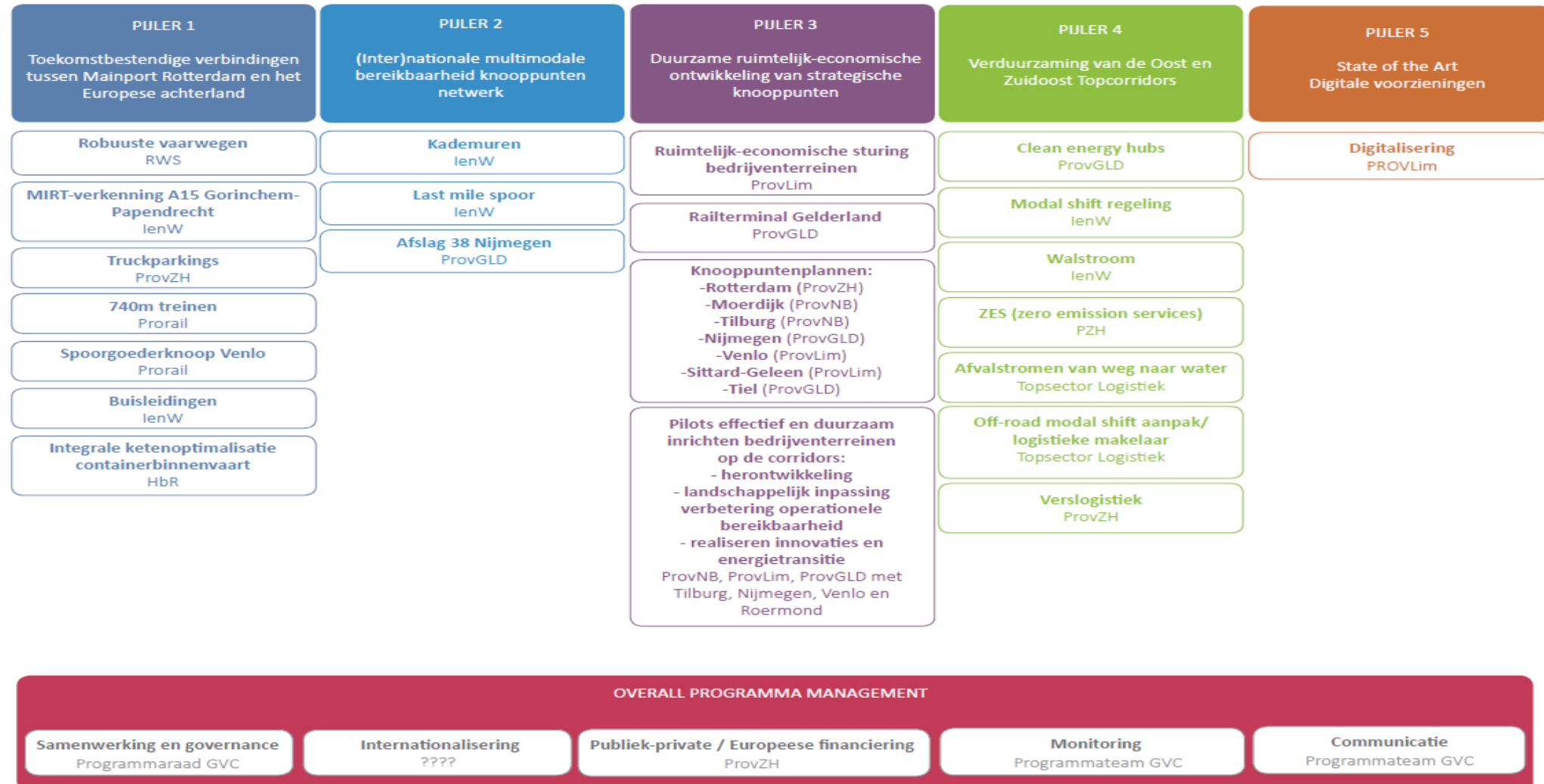


# Corridoragenda 2030 timeline for five strategic pillars





# Action plan 2021 and 1 billion budget



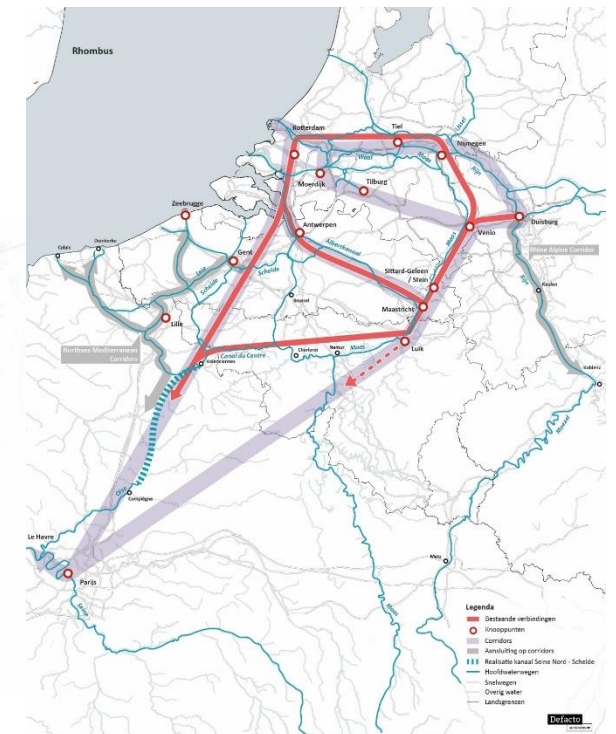
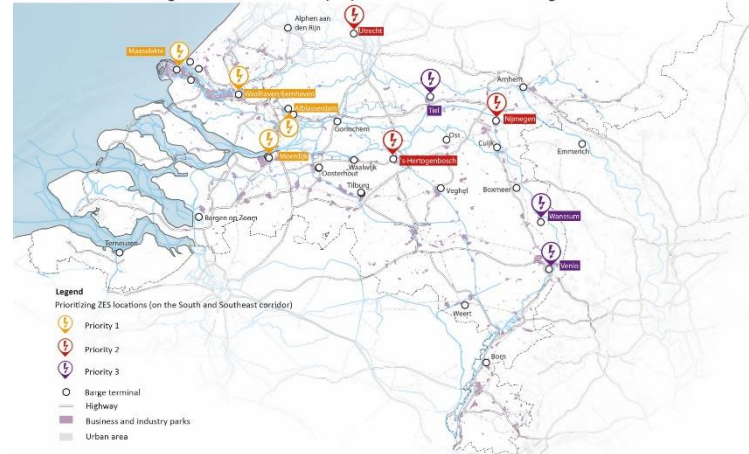
# Actions linked to sustainability



- Chain optimization with enhancing call sizes containers inland shipping
- Modal shift subsidy program for shifting toward water and rail (M€ 40)
- Stimulating building business parks near multimodal locations
- Subsidy program developing quay walls as enabler transport by water (M€ 10)
- Investing in shore power locations (M€ 16)
- Joint approach Corridors on CEF-calls (Rhombus)
- Zero Emission Services (ZES)
- Enabling Clean Energy Hubs



Prioritization for tackling Zero-Emission Services (ZES) on the East and Southeast Freight Corridors



# Which way to: what, where, when, who?



For determining locations 3 search directions :

1. Electric charging / Batteries
2. Alternative fuels:
  - Liquid fuels -> synthetic oils / bio-diesel
  - Gasses -> LNG / CNG, etc
3. Hydrogen

Where?

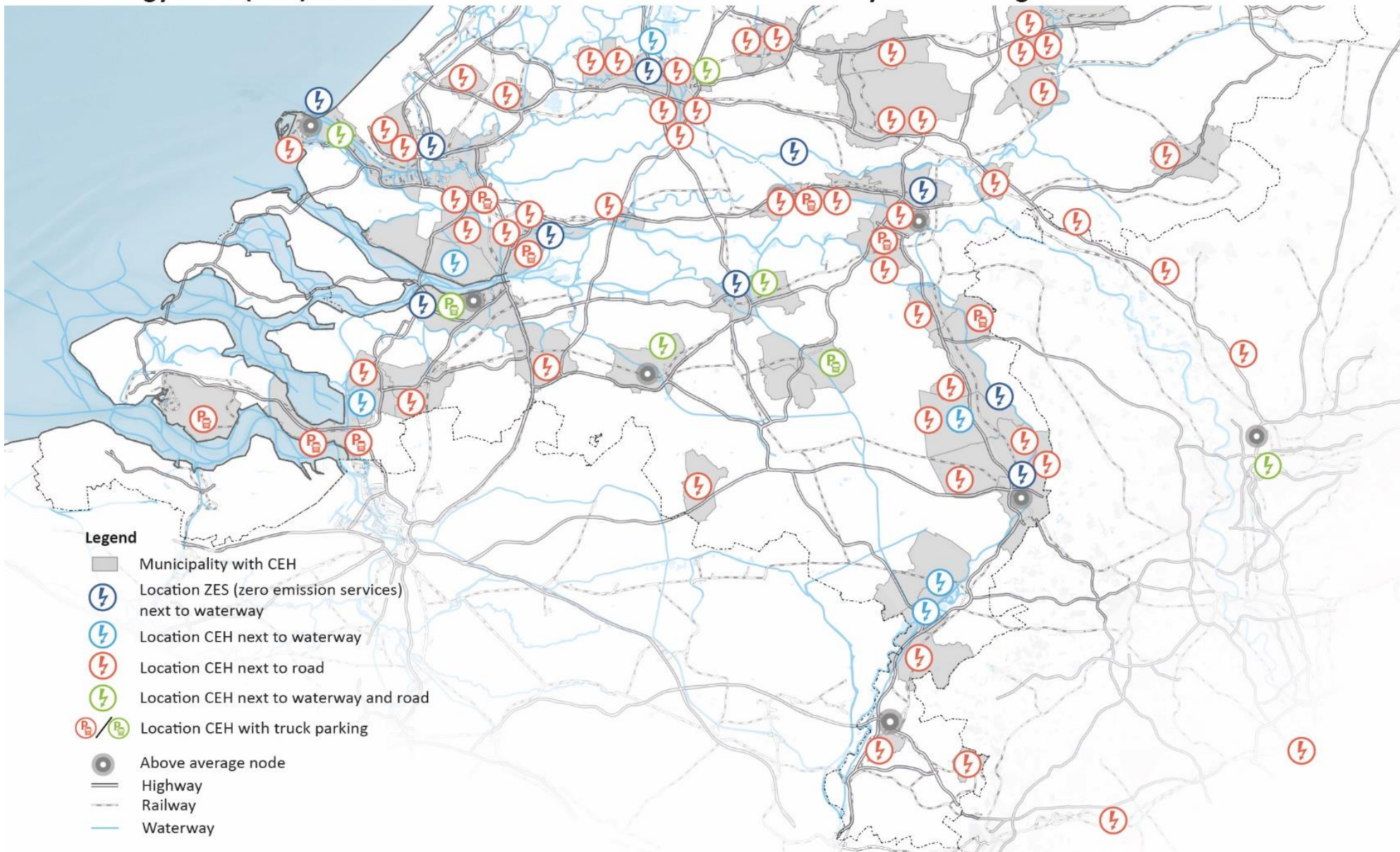
Which Nodes, Roads and Waterways?

When?

Who?



## Clean Energy Hubs (CEH) located next to the road network and waterways of the freight corridors East and Southeast



# Challenges Clean energy hubs



- Develop a strategic network for CEH
- Working together on cross border projects for joint CEF-calls
- Exchange of knowledge on long distance transport and developing strategy
- Strategic locations for cross border covered network clean / green energy hubs on long distance transport

# Challenges Clean energy hubs



Looking for fruitful cooperation for the international and multimodal corridor development!

For more information

Website: [www.topcorridors.com](http://www.topcorridors.com)

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# Questions

