

# **GREATER4H**

*A cross-border hydrogen refueling  
corridor connecting Northern Europe*

*Ignited by STRING*



# STRING: WHO ARE WE

## We are:

- 7 Cities
- 8 Regions
- 4 Countries
- 14 Million people

## Public associated partners:



# INFRASTRUCTURE PRIORITIES

**STRING members work to deploy sustainable transport infrastructure across borders reach climate goals and create a connected, accessible megaregion**



## RAILWAY DEVELOPMENT

Effective railways systems are unmatched in their ability to reduce emissions from the transport sector



## FIXED LINKS

Fixed links allow for free movement of people, goods and competencies by landlocking geography otherwise divided by waterways.



## HYDROGEN MOBILITY

A network of hydrogen refuelling stations in the megaregion, will advance decarbonisation of road transport.

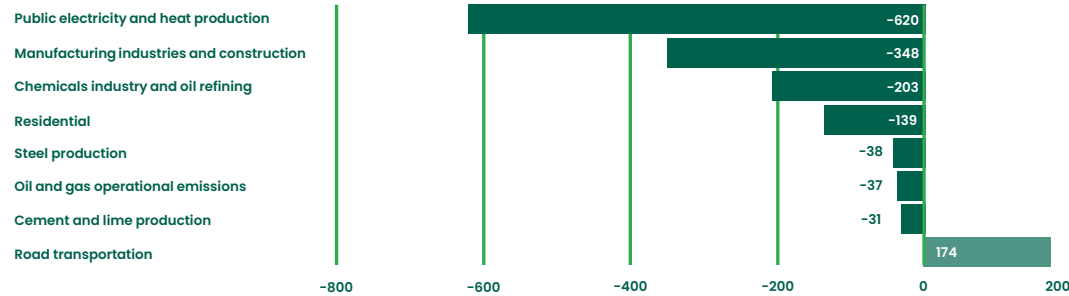


Co-funded by the  
European Union

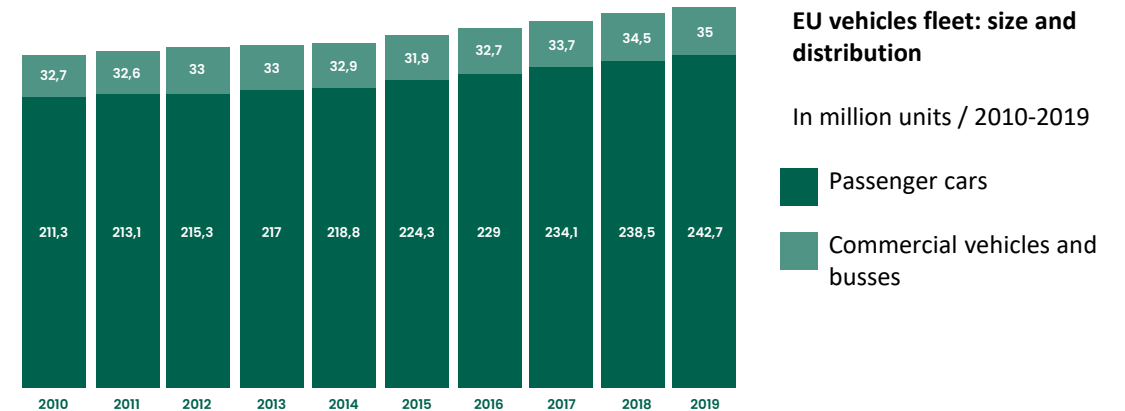
# Emissions from the transport sector have proven difficult to abate

The transport sector is one of the only sectors where we see a continuous rise in emissions

Change in emissions in key sector 1990–2019, MtCO<sub>2</sub>e



The rising number of cars on the road will only increase the future emissions from the transport sector



# The political will to reverse global warming is unprecedented



# GREATER4H

Ignited by STRING

- Investment into physical hydrogen infrastructure along the TEN-T ScanMed corridor
- Public and private partnership
- 12 (+ 2) stations (max 150 km apart)
- Each station = 350 bar & 700 bar
- 30% CEF funding
- Grant: 12.441.000,00 euro and a Total budget: 41.470.000,00 euro
- Business model 10-15 > HDV refuelling volume of 50 kg each
  - Daily offtake > 400-500 kg per day per station
- Official start: October 31 2022
- Timeline: 32 months



# PROJECT PARTNERS

## PRIVATE PARTNERS

**Everfuel** 

8 HRS  
25.560.000,00 euro

**GP JOULE**  
TRUST YOUR ENERGY.

2 HRS  
7.790.000,00 euro

**Hy**nion 

2 HRS  
8.120.000,00 euro

## PUBLIC ASSOCIATED PARTNERS

Land Schleswig-Holstein (Lead Partner)

Region Zealand

Region Halland

Västra Götalandsregionen

City of Malmö

City of Oslo

Viken County

Capital Region of Denmark

The Region of Southern Denmark

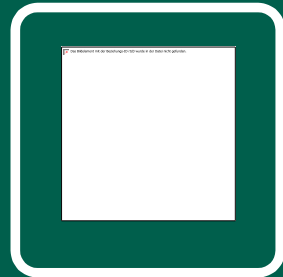
City of Hamburg

# GREATER4H OBJECTIVES

*Concrete solution to accelerate the green transition in the STRING megaregion*



Foster fuel  
security



Harmonize  
policy  
framework



Develop  
vehicles  
incentives



Increase  
commercial  
interest



# GREATER4H

LOCAL AND GLOBAL IMPACT

## Local impact

- Reduces pollution and CO2 emissions
- Concrete solutions to the climate crisis
- STRING members act as pioneers
- Demonstrate hydrogen development and support regional industries
- Brings us ahead of proposed EU regulation

## Global impact

- Overcome the chicken-egg dilemma
- Global powerhouse for innovation
- Showcase STRING as “the place to be” for international investments
- Create the necessary hydrogen infrastructure to reach economies of scale



# GREATER4H

THANK YOU FOR ATTENTION

For more information visit our webpage: [www.greater4h.com](http://www.greater4h.com)

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