



## CARE-North

# Carbon responsible transport strategies in the North Sea Area

A project of the

**The Interreg IVB  
North Sea Region  
Programme**



Michael Glotz-Richter

Free Hanseatic City of Bremen

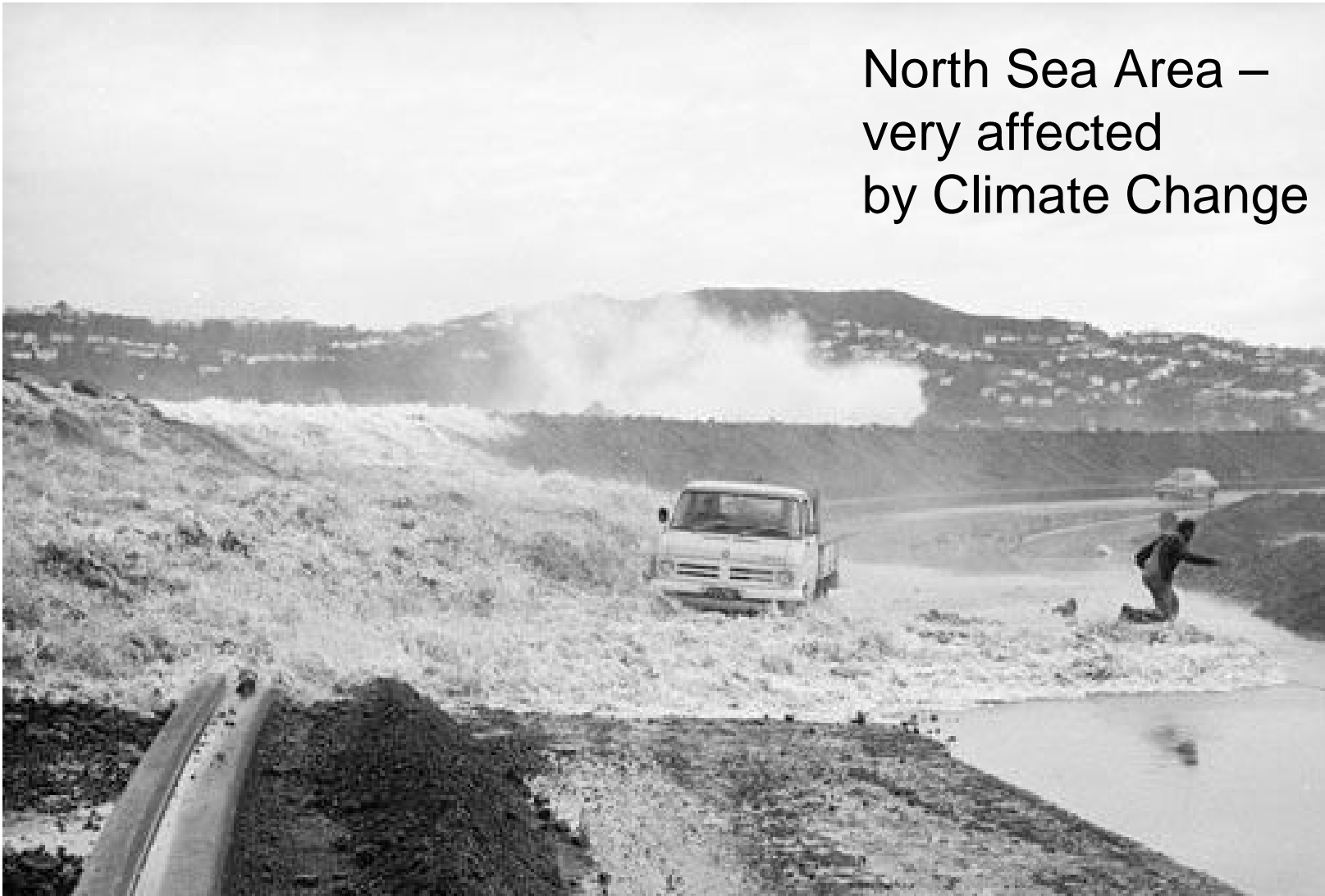
Senate Department for Environment, Construction, Transport and European Affairs

Senior Advisor "Sustainable Mobility"



# CO<sub>2</sub>-Reduction

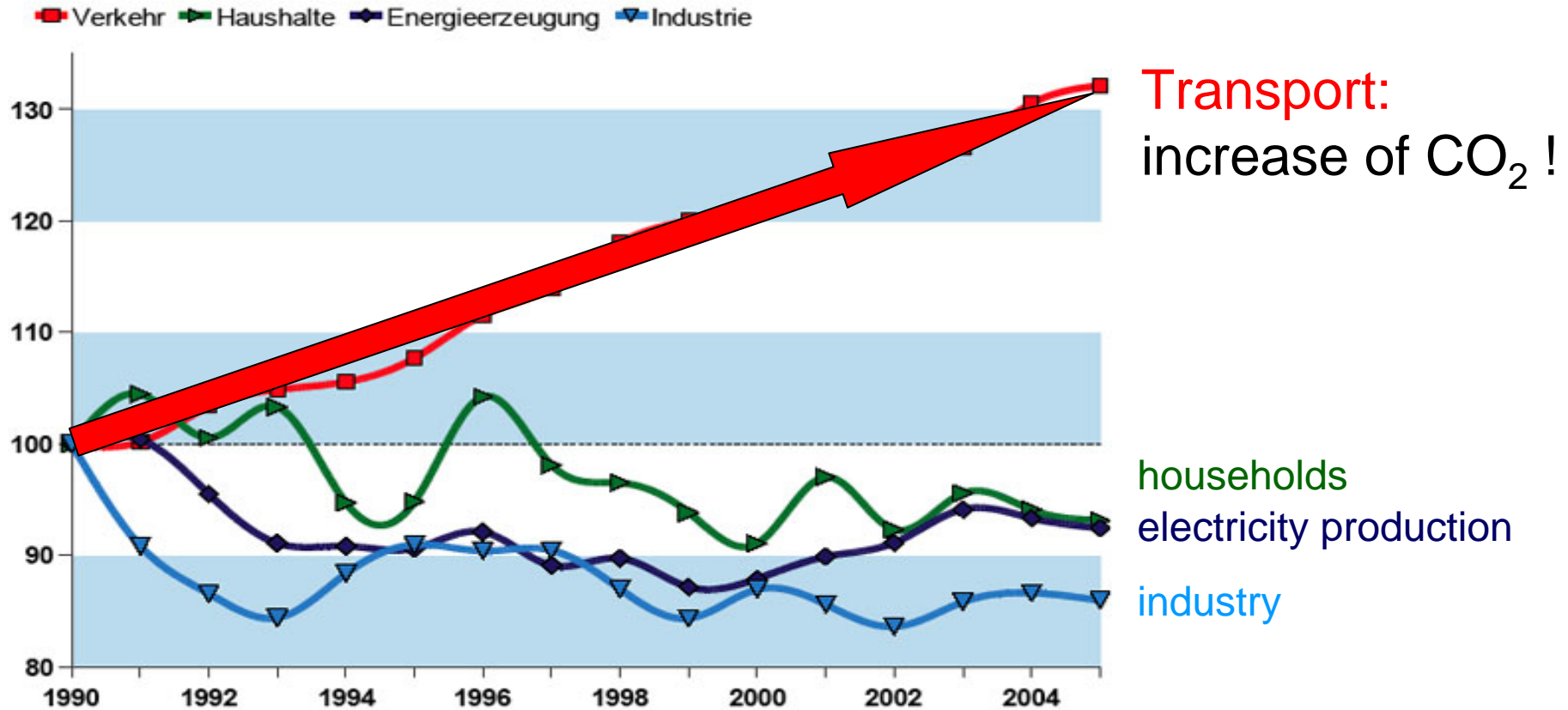
North Sea Area –  
very affected  
by Climate Change





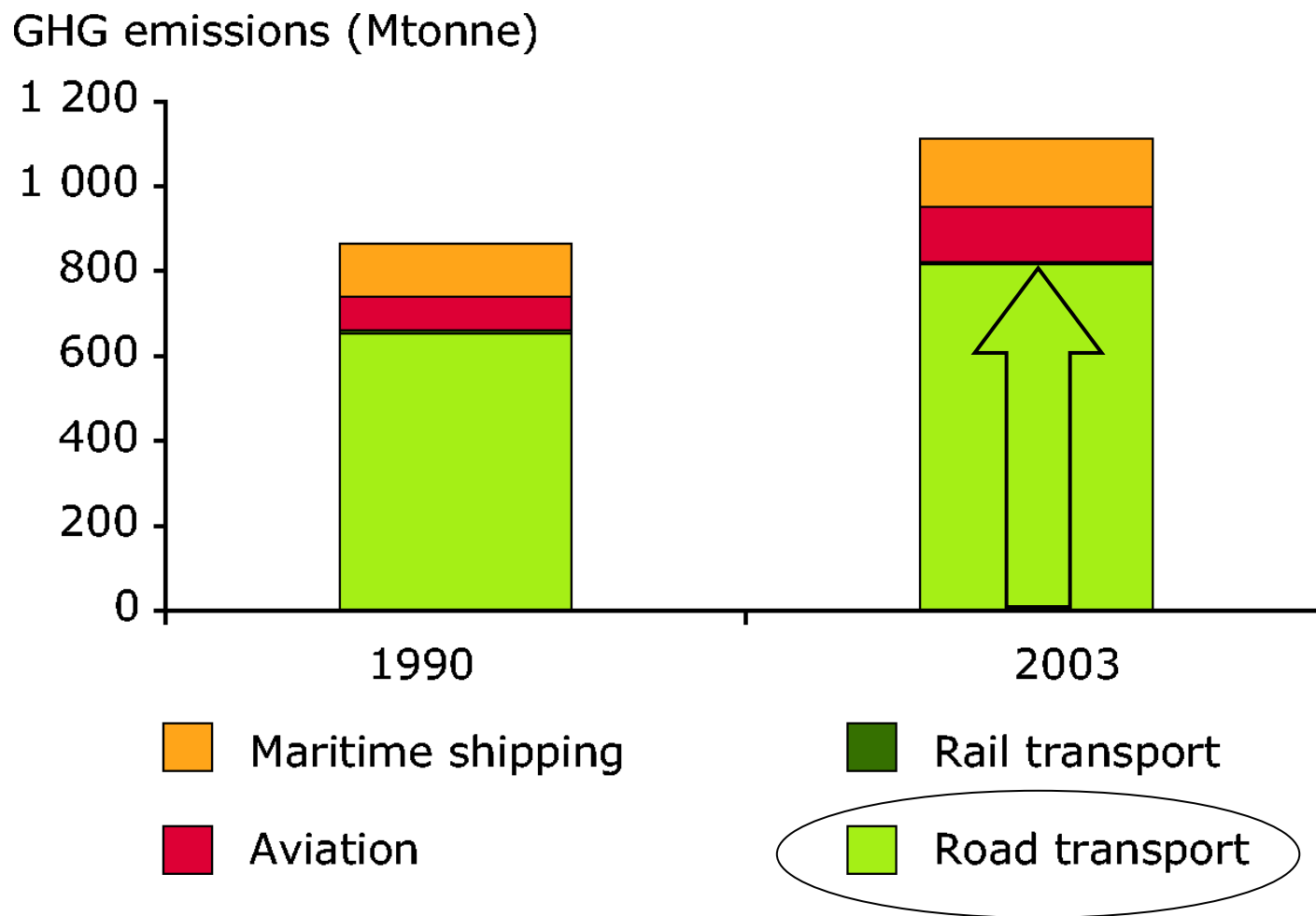
# CO<sub>2</sub>-emissions

## CO<sub>2</sub>-emissions by sectors (1990 – 2005)





# CO<sub>2</sub> from transport





# EU commitments



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels, 29.6.2007  
COM(2007) 354 final

## GREEN PAPER

FROM THE COMMISSION TO THE COUNCIL, THE EUROPEAN PARLIAMENT,  
THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE  
COMMITTEE OF THE REGIONS

Adapting to climate change in Europe – options for EU action

- Climate Protection / CO<sub>2</sub> reduction (from Kyoto targets to Copenhagen targets 2012)
- „Climate Change Package“ EP plenary on 17.12.2008
- Sustainable Mobility (White Paper on Transport, Green Paper on urban transport)
- ....

Climate Change Package at EP Plenary on 17.12.2008



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels, 22.06.2006  
COM(2006) 314 final

COMMUNICATION FROM THE COMMISSION TO THE COUNCIL AND THE  
EUROPEAN PARLIAMENT

Keep Europe moving -  
Sustainable mobility for our continent

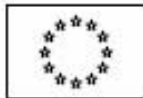
Mid-term review of the European Commission's 2001 Transport White Paper



# EU commitments



- Green Paper on Urban Transport (September 2007)
- EU transport vision (17 June 2009)
- Action Plan on Urban Transport (autumn 2009)
- ....



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels,  
COM(2009) 279/4

## COMMUNICATION FROM THE COMMISSION

A sustainable future for transport: Towards an integrated, technology-led and user friendly system

- 4.3. **More environmentally sustainable transport**
- 4.4. **Keeping the EU at the forefront of transport services and technologies**
- 4.7. **Planning with an eye to transport: improving accessibility**

News



Commission outlines vision for future of transport

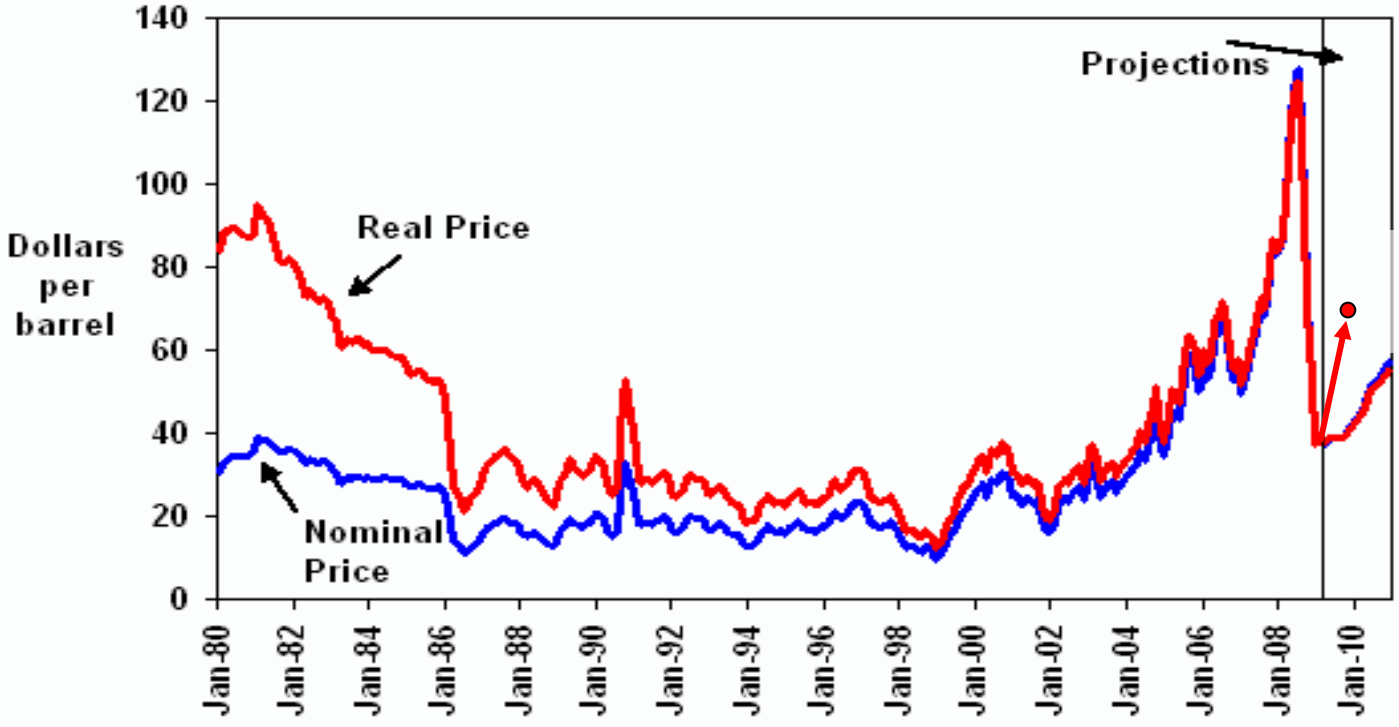
Published: Thursday 18 June 2009



# Dependence on oil

The more we depend on the car for passenger transport and the truck for freight transport...  
 ...the more vulnerable our economy and society are !

Imported Crude Oil Prices: Nominal and Real



Kraftstoffpreise	
Benzin	149 <sup>9</sup>
Super	149 <sup>9</sup>
100	163 <sup>9</sup>
Diesel	147 <sup>9</sup>
ultimate Diesel	157 <sup>9</sup>
Erdgas	78 <sup>9</sup>









# ...nothing new?...

## Conference

The North Sea  
Commission's conference  
on sustainable transport



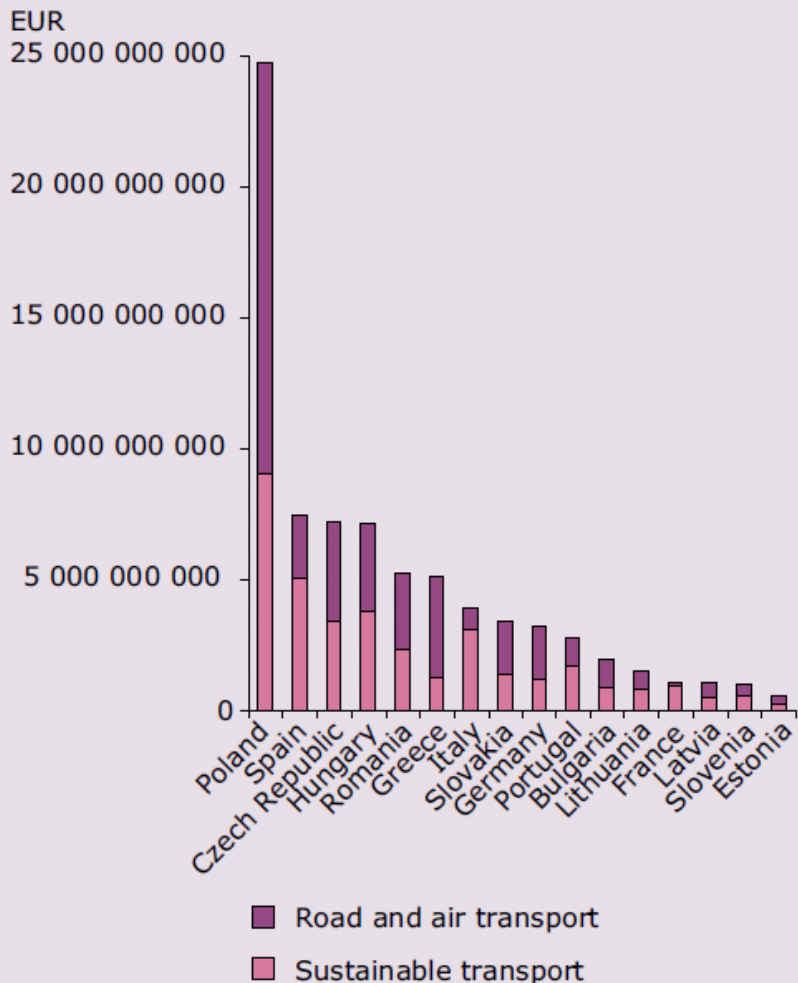
APRIL 18-19 2002  
IN AARHUS, DENMARK

From exchange  
to change?



# Sustainable Transport ?

**Figure 2.25 Distribution of the Structural Funds 2007–2013 allocated to transport**



2007-2013:  
still majority  
for road and air !



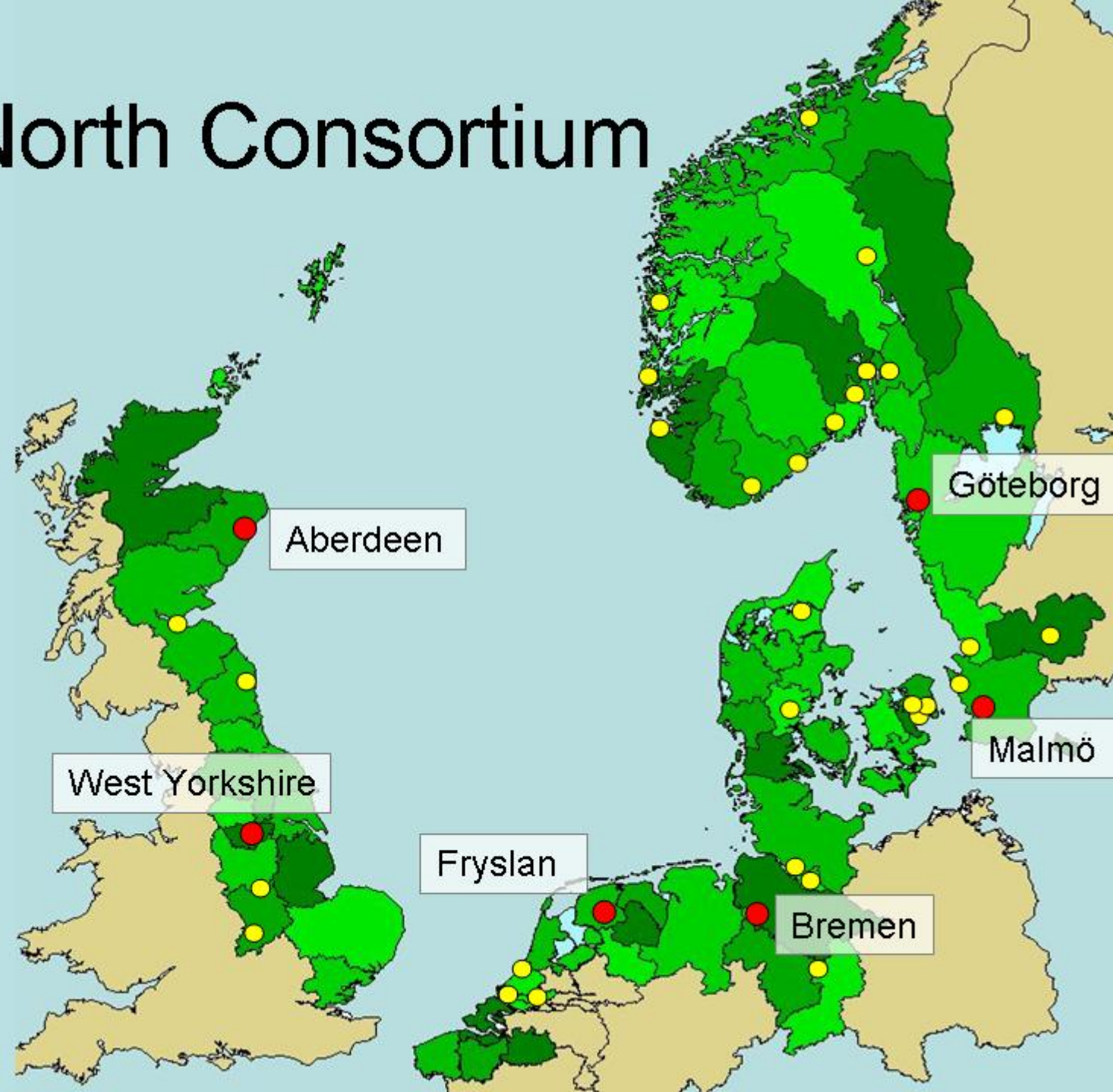
- Especially in new member states !
- Only 2% for urban transport !



# The CARE-North project

# CARE-North Consortium

- CARE-North partner
- represented as member of





# CARE-North Consortium



Preparatory Meeting 12/13 March 2009, Malmö



- Regional and local authorities
- Public Transport operators
- local energy provider
- University



# CARE North workplan

- Involvement of citizens / business community
- Intense PR-work / dissemination to fertilize political processes
- Impacts within CARE North cities and beyond: *NSR as pilot region for carbon-responsible transport ?*



# CARE North presentations

- Memorandum for COP-15 (Kyoto-follow-up) Copenhagen, December 2009
- 6<sup>th</sup> European Conference on Sustainable Cities & Towns, Dunkerque (NEW), 2010
- ICLEI European Congress in Hämeenlinna 2011
- Final Conference Bremen 2012 as part of the Rio +20-process



# CARE North

- CARE North wants to get from political objectives to practical implementation
- CARE North will have pro-active and sometimes provocative presentation
- CARE North wants to deliver inspiration for political decision-making





# www.care-north.eu

CARE-North - Windows Internet Explorer

http://www.care-north.eu/

Biofuels volvc

CARE-North

Imprint Contact About

## CARE - NORTH

Carbon responsible transport strategies for the North Sea Area

# WE CARE!

search... Start

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### CARE-North

**CARE-North proposal accepted**

At its meeting on 9th and 10th June 2009 in the Scottish capital Edinburgh, the Steering Committee gave approval to the CARE-North-proposal!

[Read More >>](#)


**EUROSTAT: transport shows increasing CO2 emission**

In March 2009, the EU has published the latest edition of the Eurostat-Pocketbook "Energy, transport and environment indicators". The emission of CO2 decreased in the area of households, industry, whereas the transport sector shows increase greenhouse gas emission.

[Read More >>](#)

**Richard Corbett - Member of the European Parliament for Yorkshire & Humber**

"Cutting CO2 emissions from transport is a common problem faced by all countries. Researchers in organisations concerned in 5 European Union countries are coming together to pool their expertise, knowledge and efforts



### News

- » [Political Support](#)
- » [Latest News](#)

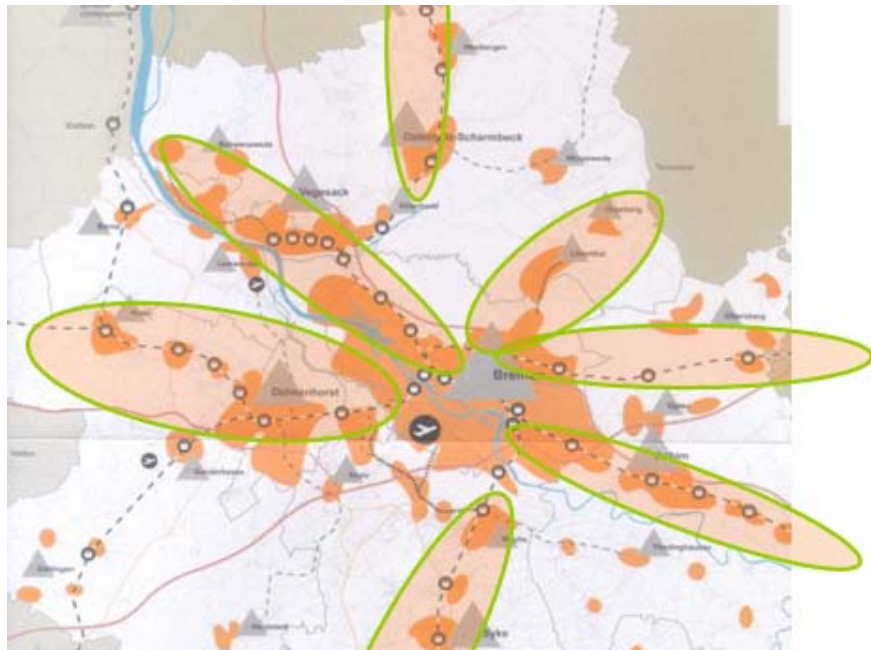
Senator for Environment, Construction, Transport and

Internet



# CARE North workplan

- Mobility Management
- Spatial Planning (orientation on Public Transport corridors)





# CARE North workplan

- Contribution of technologies (e.g. hybrid buses & trucks = higher efficiency...)





# CARE North workplan

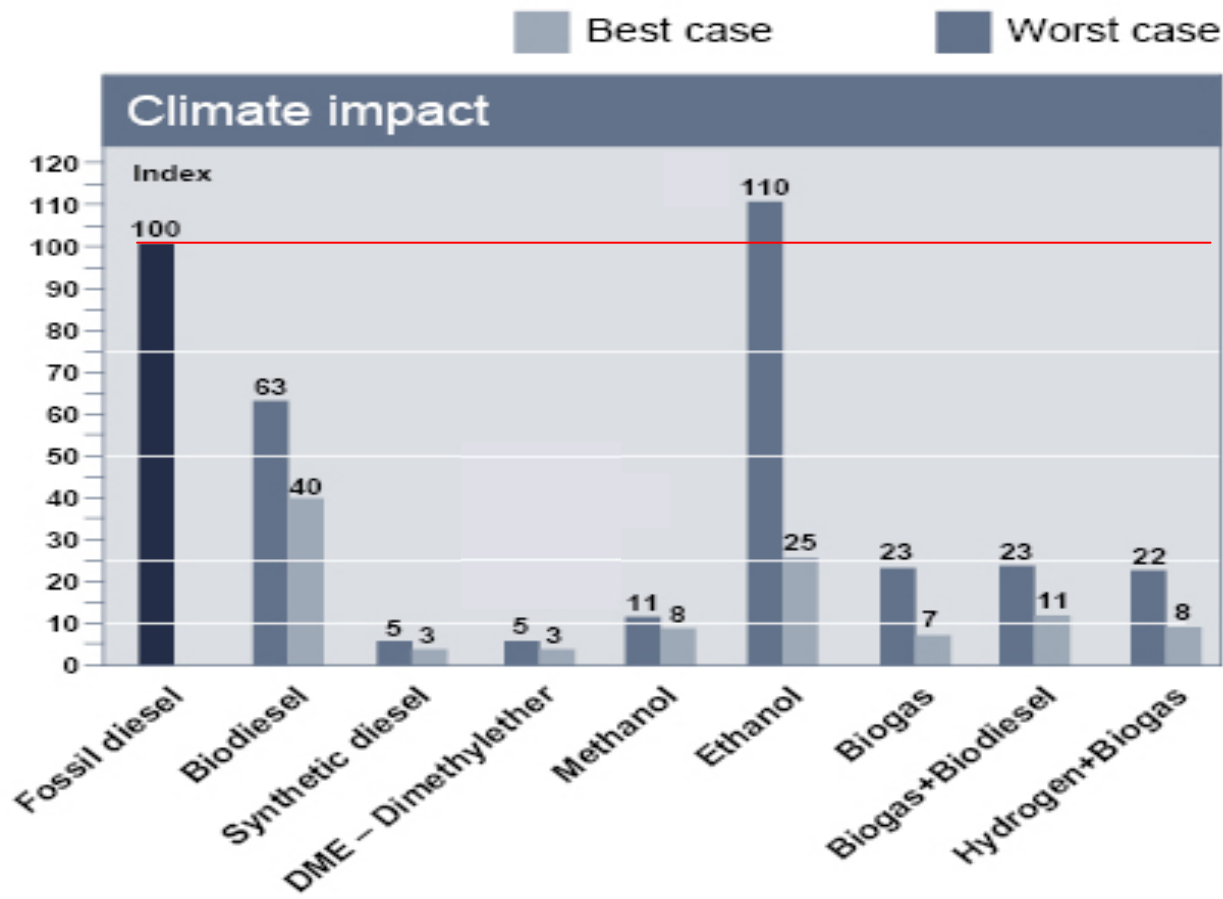
- Electric transport (“eMobility”)





# CARE North workplan

- (other) renewable fuels...  
(as long as they are sustainable)





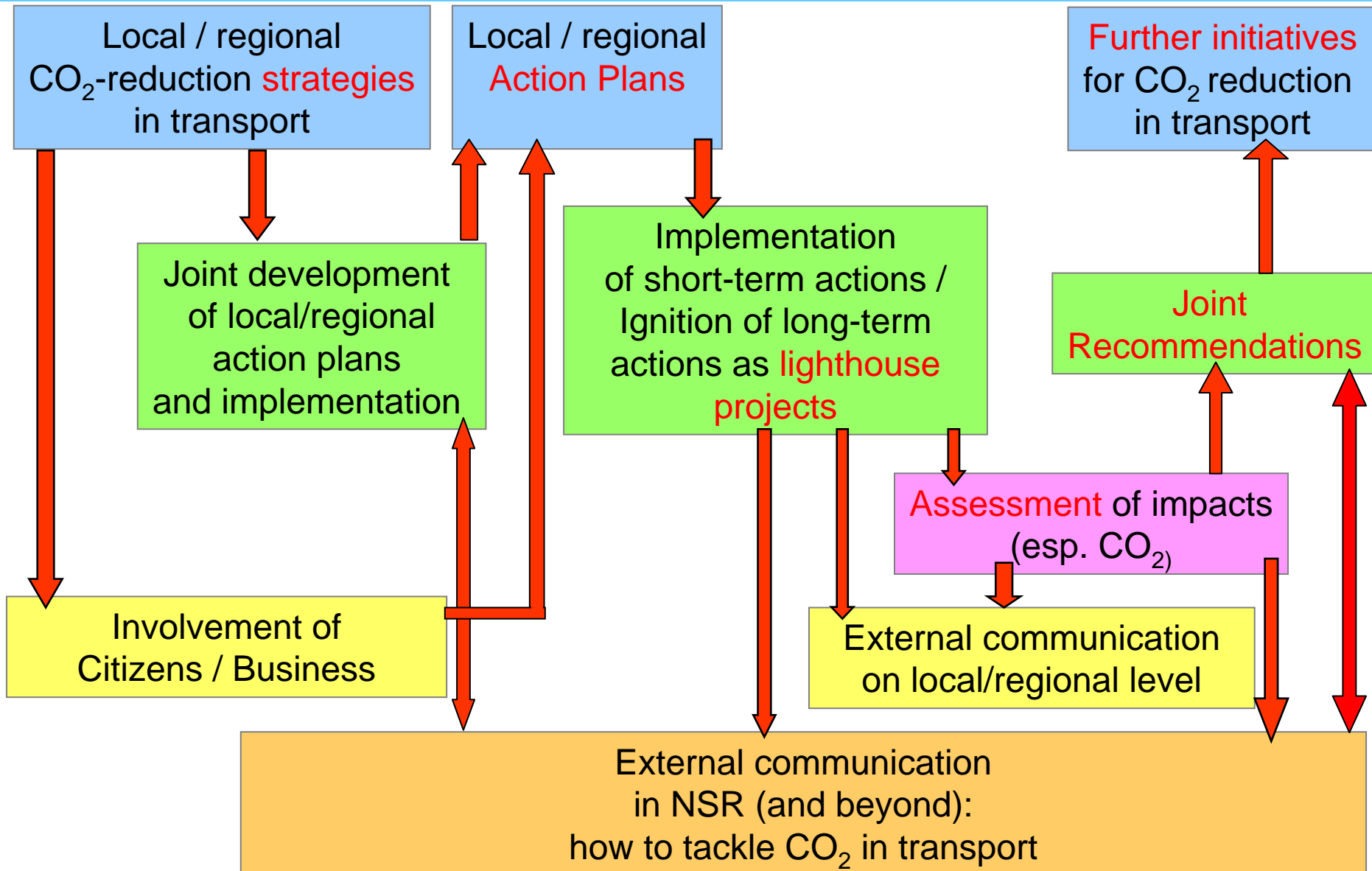
# CARE North workplan

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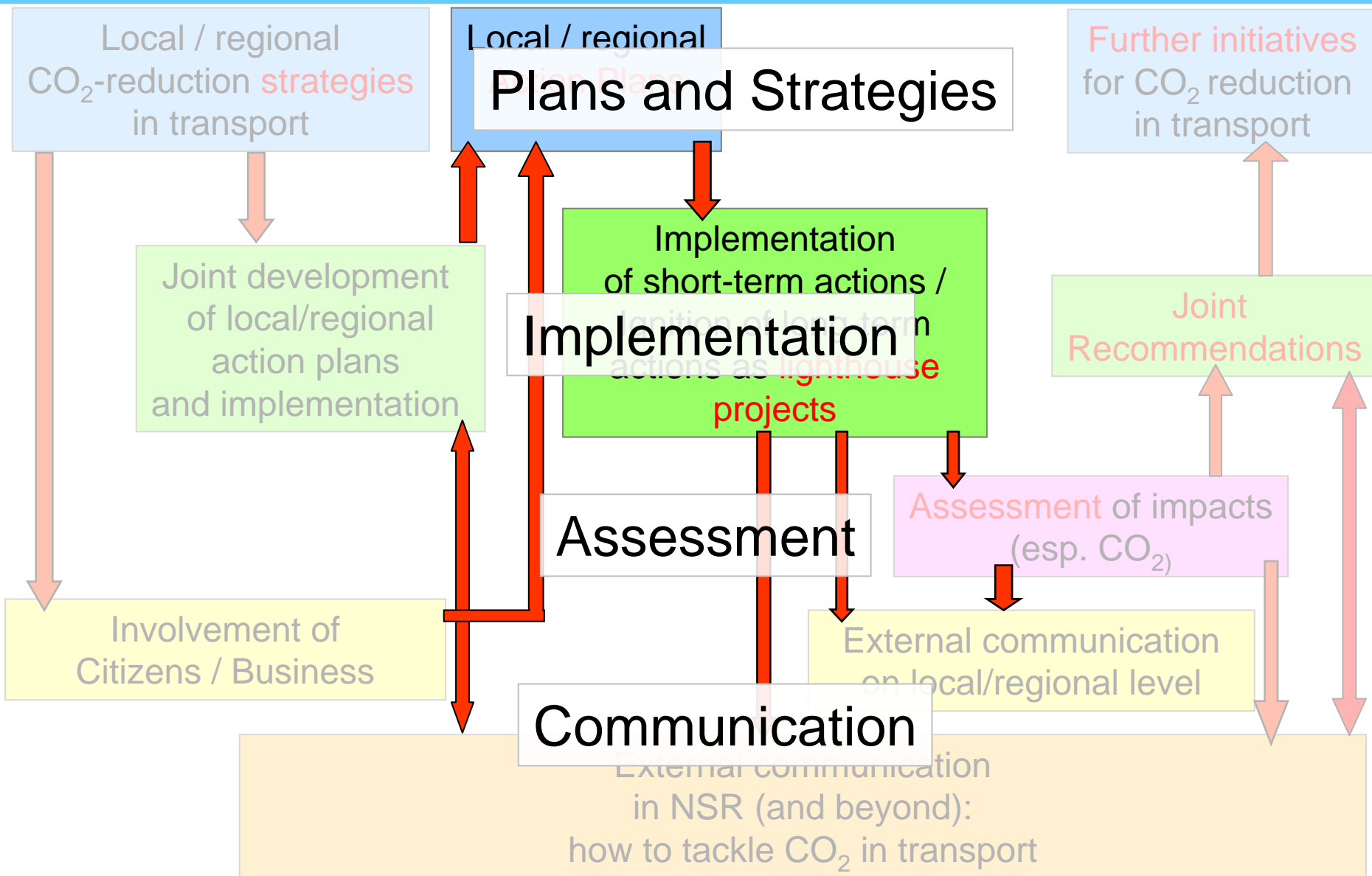


# workplan





# workplan







# CARE North workplan

- Transport systems:  
setting the right priorities
- How serious are we in tackling CO<sub>2</sub>-  
emission and oil-dependence?





# CARE North

Carbon efficient access in the **North** Sea Area

Thank you for your attention

Contact:

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