



# EU Cohesion Policy and Hydrogen Infrastructure Development

Third HyRaMP Infrastructure Workshop  
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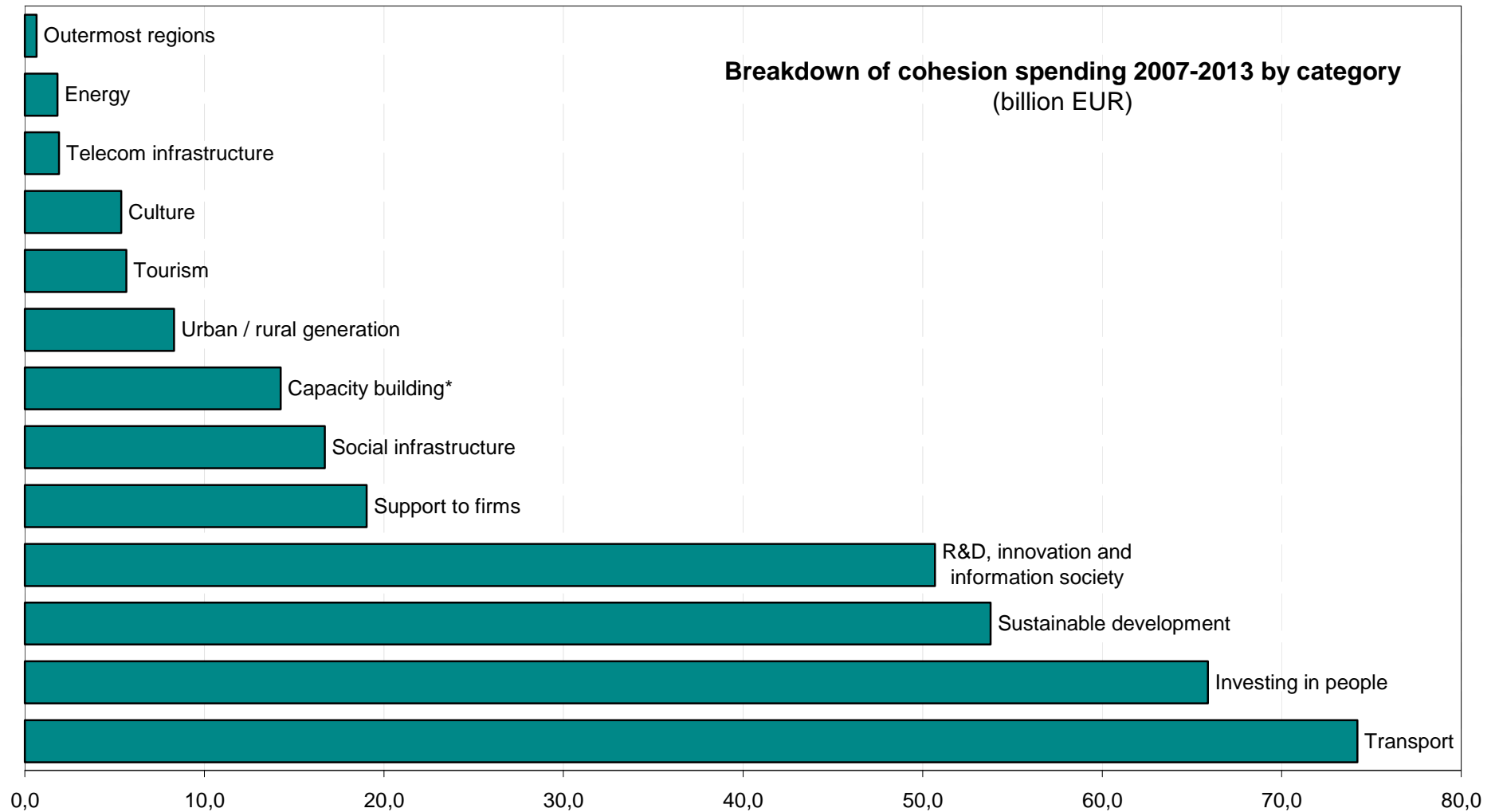
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# 1. Cohesion Policy 2007-2013



## The focus of cohesion policy (1)



\* including technical assistance (data as of end of April 2007)



## The focus of cohesion policy (2)

- No investment in hydrogen infrastructure
- However,
- Investment in climate change (
  - Investment in transport (infrastructure, public transport)
  - Investment in infrastructure (transport, water, wastewater, and energy)



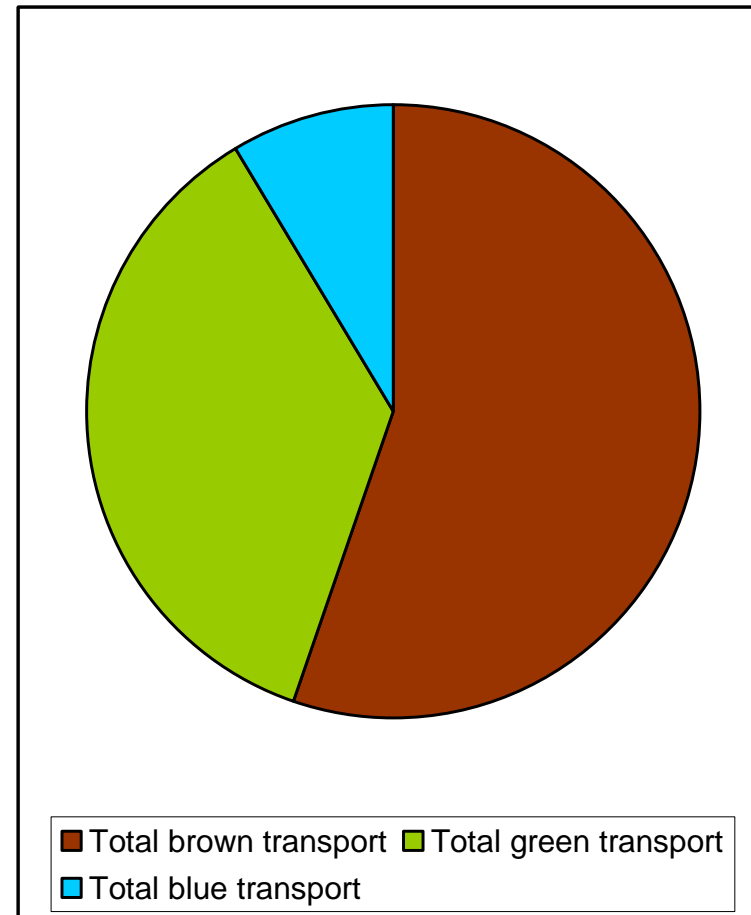
## Investment in climate change 2007-2013

- 4.7% of total Community amount on investments directly related to climate change (renewable energy, energy efficiency, mitigation and adaptation to climate change, air quality, risk prevention)
- a further 9.2% of total Community amount for investments indirectly related to climate change (railways, mobile rail assets, cycle tracks, intelligent transport systems, clean urban transport)
- a total of 13.9%, including both direct and indirect figures
- approx. 90% of this spending under the Convergence objective



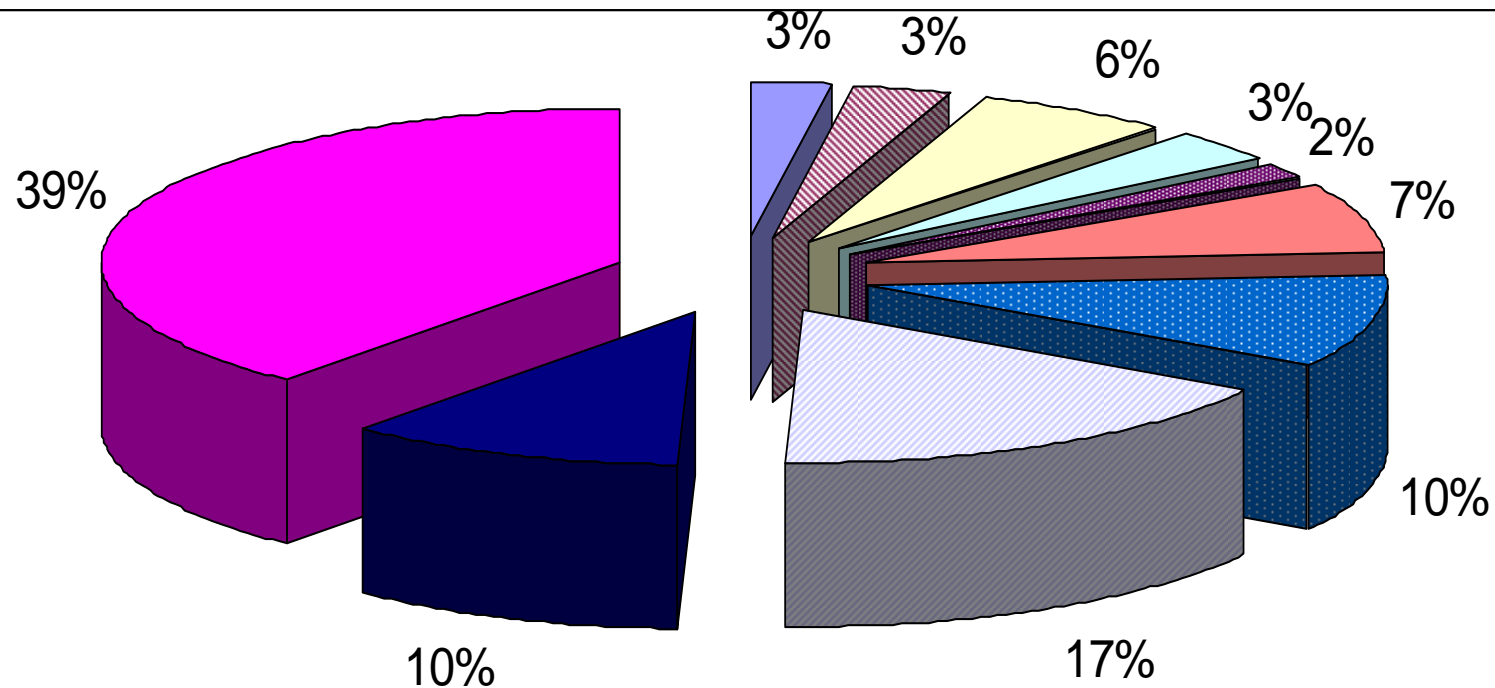
## Investment in transport 2007-2013

Motorways	".	5.133.132.228	6,8%
Motorways (TEN-T)	".	17.482.165.008	23,1%
National roads	".	7.659.340.914	10,1%
Regional/local roads	".	9.775.837.561	12,9%
Airports	".	1.851.056.049	2,4%
<b>Total brown transport</b>		<b>41.901.531.760</b>	<b>55,3%</b>
Cycle tracks	".	634.419.290	0,8%
Intelligent transport systems	".	1.090.480.103	1,4%
Mobile rail assets	".	558.771.193	0,7%
Mobile rail assets (TEN-T)	".	695.570.191	0,9%
Railways	".	4.105.275.421	5,4%
Railways (TEN-T)	".	18.518.597.602	24,4%
Clean urban transport	".	1.793.887.676	2,4%
<b>Total green transport</b>		<b>27.397.001.476</b>	<b>36,0%</b>
Inland waterways	".	265.841.318	0,4%
Inland waterways (TEN-T)	".	596.281.888	0,8%
Multimodal transport	".	1.635.380.929	2,2%
Multimodal transport	".	446.841.078	0,6%
Ports	".	3.533.404.979	4,7%
<b>Total blue transport</b>		<b>6.477.750.192</b>	<b>8,7%</b>
<b>Total</b>		<b>75.776.283.428</b>	<b>100%</b>





## Cohesion Policy support to energy 2007-13



- Electricity
- Electricity (TEN-E)
- Natural gas
- Natural gas (TEN-E)
- Petroleum products
- Wind
- Solar
- Biomass
- Hydroelectric, geothermal and other
- Energy efficiency, co-generation, energy management



## 2. Cohesion policy post 2013





## Future cohesion policy

- Budget Review October 2010
- Resource-efficiency Flagship of the Europe 2020 Strategy January 2011
- New regulations summer 2011
- Programming period to begin January 2014



## Criteria for funding

**Ultimately funding decisions made in MS and regions**

**However, desirable that funding satisfies following criteria:**

- Investment serves goal of cohesion policy (harmonious development across the EU, economic, social and territorial cohesion)
- Investment in line with goals of the Europe 2020 Strategy (smart, sustainable and inclusive growth) and its flagships (resource-efficiency flagship)
- Presence of a market failure (infrastructure, fossil fuels)
- Other national and EU policies already in place and sources of funding currently available not sufficient to address market failure (?)
- The most appropriate way to address the market failure is public funding (?)



## Further issues linked to EU funding of hydrogen infrastructure

- 2050 decarbonisation roadmap – emphasis on hydrogen?
- Concentration of funding in poor regions and MS (currently 80% of funding going to Objective 1 - regions where GDP below 75% of EU average, i.e. regions in the new MS, Eastern part of Germany, parts of GR, ES, IT, PT, parts of UK)
- RCE regions prefer to have projects which are small and complex, not large infrastructure projects
- Within energy, the focus is on cross-border infrastructure and completing European networks
- N+2 rule: The budgetary commitments related to operational programmes are delivered by annual instalments. After the first year, instalments pledged by 30 April each year. Part of the budget is automatically released by the Commission if it has not been used or no request for payment has been received at the end of the second year following that of the budgetary commitment (n + 2).
- Revenue generating projects: current regulation makes EU funding available based on funding gap approach



**Thank you for your attention!**