



EU funding for transport GHG reduction measures

**Capacity building workshop for effective policy implementation
under the Effort Sharing Decision**

Wednesday 01 October 2014, Warsaw

Emission reduction opportunities



- Substantial potential exists to reduce transport greenhouse gas (GHG) emissions at low cost while bringing other societal benefits.
- Technical measures such as CO₂ in cars regulation largely more applicable at EU level because of the single market.
- Any additional EU-wide technical legislation (beyond those already adopted) would not have significant effect on overall emissions before 2020.
- Many non-technical measures more readily applicable. Non-technical transport measures have more rapid effect and there is a considerable scope for additional measures at Member State level that could reduce emissions by 2020
- However, additional measures often require additional financing...



EU funds: window of opportunity

- ...and additional financing might come from the EU funds
- Significant amounts will be made available for less developed Member States (MS) and regions in 2014 – 2020 thanks to the EU regional policy
- MS should use this opportunity to promote sustainable economic growth by reducing GHG emissions and creating jobs
- Some MS will achieve the 2020 ESD targets easier, but climate targets for 2030 and beyond are to be stricter, therefore investments in e.g. transport infrastructure should take these long term objectives into account

Targeted EU financial support for sustainable transport via:

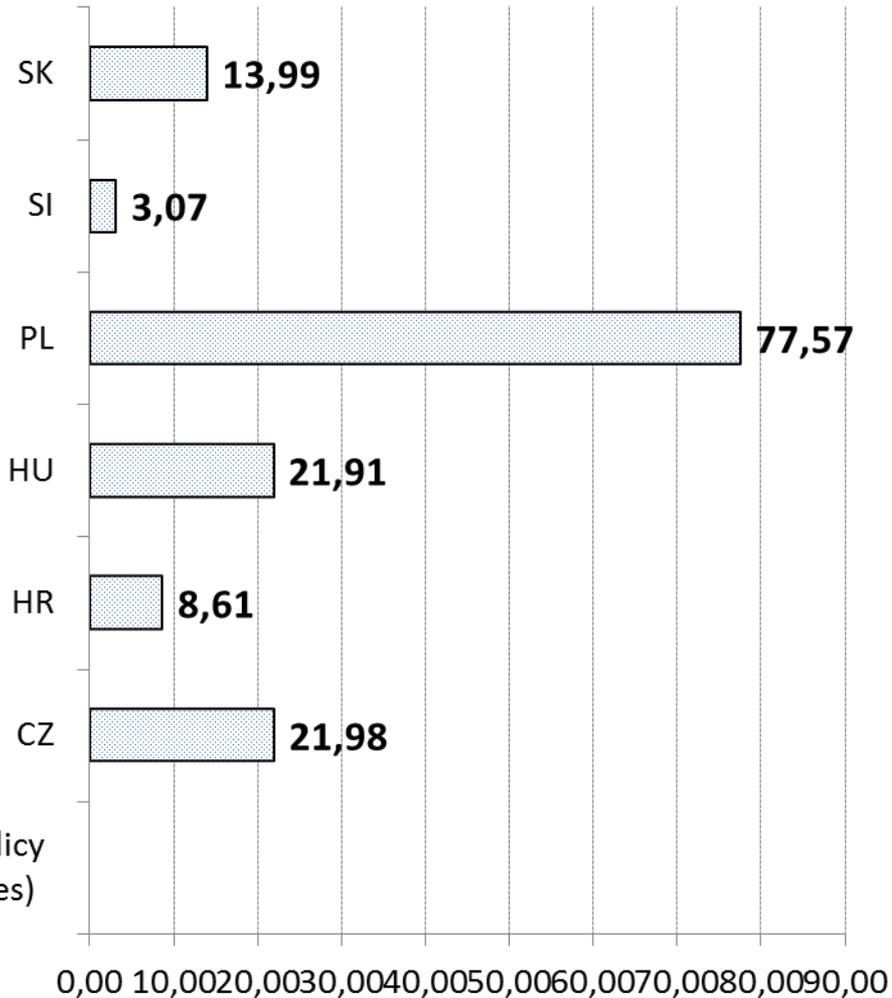
- **Cohesion policy: European Structural and Investments Funds**
- **TEN-T policy: Connecting Europe Facility**
- **Research and innovation: Horizon 2020 programme**



EU Cohesion Policy: European Structural and Investment Funds



Allocations of Cohesion Policy for CZ, HR, HU, PL, SI and SK



Total EU allocations of Cohesion Policy 2014-2020* (billion €, current prices)

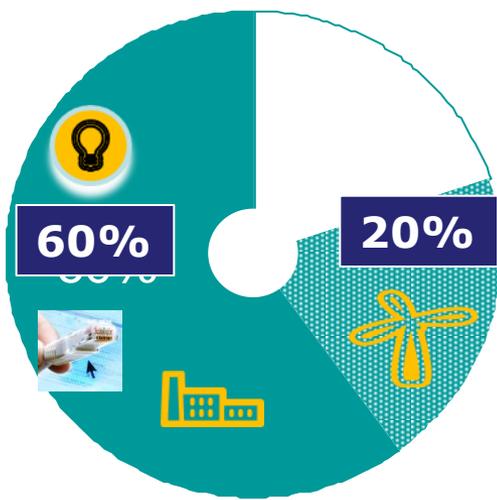
New Cohesion Policy is to support achievement of the 2020 objectives



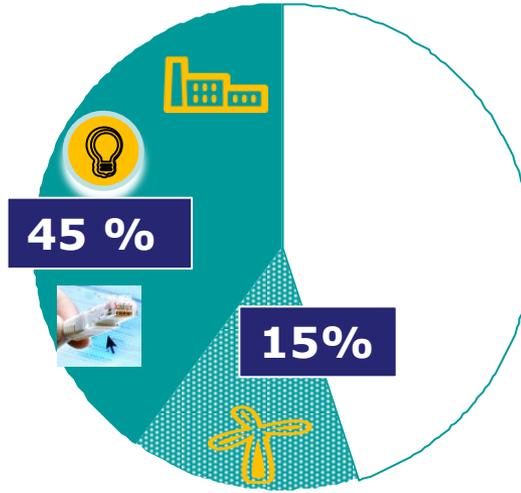
- Europe 2020, the "Strategy for smart, sustainable and inclusive growth" includes important environmental and climate change goals to be reached by 2020
 - Reduce greenhouse gas emissions by 20% compared to 1990
 - Increase the share of renewable energy sources to 20%
 - 20% increase in energy efficiency
- **Cohesion Policy is one of the key policies helping Member States and the European Union to reach those goals.**

- Earmarking of 20% of the EU Multiannual Financial Framework budget for climate-related expenditure, ring-fencing of European Regional Development Fund (ERDF) investments in Thematic Objective 4 "low-carbon economy":

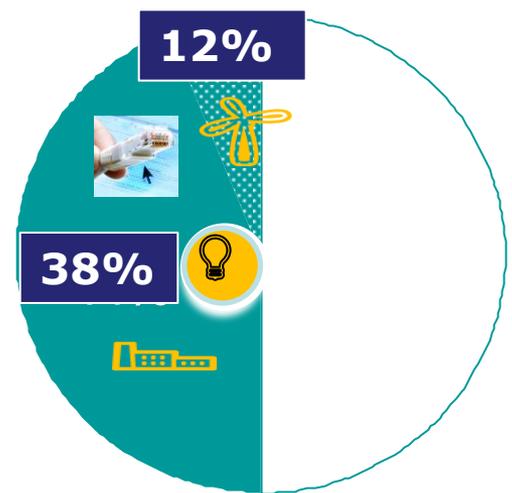
More developed regions



Transition regions



Less developed regions

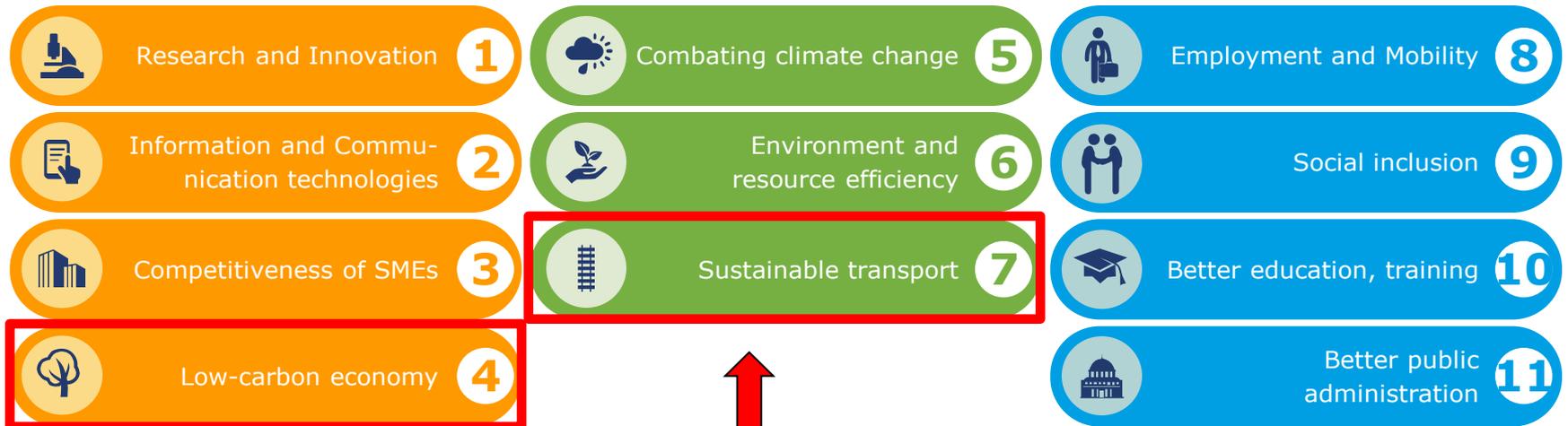


Low-carbon economy

Sustainable development is key for the EU Regional Policy:

- **Art. 8 of the Common Provisions Regulation (CPR)**
 - Objectives of European Structural and Investment Funds in line with principle of Sustainable Development
 - Promotion of environment, resource efficiency, biodiversity, climate adaptation and mitigation, disaster resilience in preparation & implementation of the programmes
 - Climate change tracking
- **Annex I of CPR on sustainable development:**
 - directing investments towards the **most resource-efficient and sustainable options**;
 - **avoiding investments that may have a significant negative** environmental or **climate impact**, and supporting actions to mitigate any remaining impacts;
 - taking a **long-term perspective when 'life-cycle' costs** of alternative options for investment are compared;
 - increasing the use of **green public procurement**.
 - ...

11 Thematic Objectives reflecting the three pillars of the Europe 2020 Strategy for Smart, Sustainable and Inclusive Growth



Sustainable transport financing opportunities



Investment priorities for transport*

Thematic Objective 7: "Sustainable transport": Promoting sustainable transport and removing bottlenecks in key network infrastructures by

- ...
- **7 (c) developing and improving environmentally-friendly (including low-noise) and low-carbon transport systems, including inland waterways and maritime transport, ...in order to promote sustainable regional and local mobility**
- ...

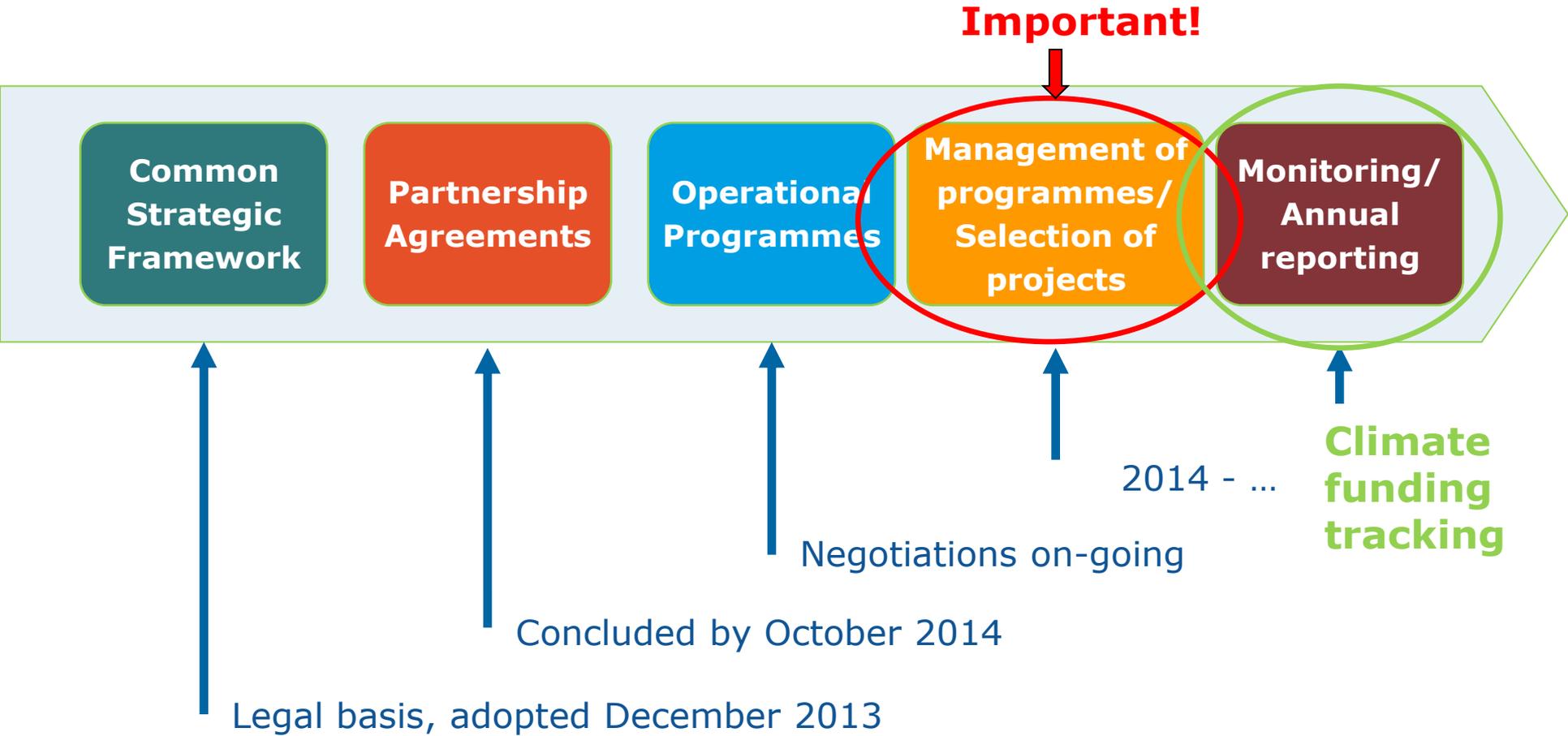
Thematic Objective 4: "low-carbon economy": Supporting a shift towards a low-carbon economy in all sectors by

- ...
- **4 (e): Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable urban ['local'] mobility**
- ...

* ERDF Regulation (COM 1301/2013), Article 5



Implementing Cohesion Policy 2014-2020



TEN-T policy: Connecting Europe Facility

- **The Trans-European Transport Network (TEN-T) is the 'back-bone' of the European transport system**
- **Defined in the TEN-T Guidelines (Regulation 1315/2013)**
- **Includes 9 main corridors**
- **Consists of roads, rail, inland waterways, ports, airports, freight terminals, logistic platforms, etc.**
- **"Technical specifications" e.g. track gauge, electrification**





Connecting Europe Facility

- The Connecting Europe Facility (CEF) set up through Regulation 1316/2013, seeks to support the development of the TEN-T by providing financing to "projects of common interest"
- The CEF budget 2014-2020 for transport: ~ €26 billion
- These are significant funds that could be used to promote sustainable and low-carbon transport
- First calls for proposals published 11 September: ~ €12 billion budget
- **Deadline for submission of proposals: 26 February 2015**
- More information:
http://inea.ec.europa.eu/en/cef/cef_transport/apply_for_funding/cef_transport_call_for_proposals_2014.htm



Research and innovation: Horizon 2020

- **Total budget 80 b€ over seven years**
- **Research and innovation funding focussed on 8 'Societal Challenges'**
- **'Smart, green and integrated transport' (6.3 b€)**
- **Four specific objectives**
 - Resource-efficient transport that respects the environment
 - Better mobility, less congestion, more safety and security
 - Global leadership for the EU transport industry
 - Socio-economic and behavioural research and forward looking activities
- **Important for reaching post-2020 climate and energy targets**

Calls (publication 11 December 2014)	Budget (€ Mio) 2014	Budget (€ Mio) 2015
Call 'Mobility for Growth'	374,5	184
1. Aviation	70	36
2. Rail	52	-
3. Road	66	23
4. Waterborne	56	18
5. Urban	40	66,5
6. Logistics	32	18
7. ITS	31	-
8. Infrastructure	19	17,5
9. Socio-economic and behavioural research	8,5	5
Call 'Green Vehicles'	129	30
Call Small business and Fast Track	35	38
Contribution to Smart Cities/Blue Growth	18,5/15	21,5/4

<http://ec.europa.eu/programmes/horizon2020/en/what-horizon-2020>

Work programme for 'transport' 2014-2015, i.e. for the next call



The screenshot shows the top section of the Horizon 2020 website. It features the European Commission logo on the left, followed by the text "HORIZON 2020" and "The EU Framework Programme for Research and Innovation". Below this is a navigation menu with links for Home, What is Horizon 2020?, Find Your area, How to Get funding?, News, Events, Multimedia, Publications, and Project Stories. The main content area includes a "What is Horizon 2020?" banner with a globe and a question mark, a central graphic with the text "HORIZON 2020" and stylized balloons, and another globe graphic on the right. A "DBACK" button is visible in the bottom right corner of the main content area.



Thank you for your attention!

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