



# 2016 CEF Synergy Call

## Call Objectives & Priorities (Part 2 – Transport)

*CEF Synergy Info Day – 10 October 2016*

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# Scope of the proposed actions

*- Innovation in 2 full sectors (transport & energy, plus cyber security)!*

- *i) Transport sector*

*Ensuring sustainable and efficient transport systems in the long run, with a view to preparing for expected future transport flows, as well as enabling all modes of transport to be decarbonised through supporting a transition to innovative low-carbon and energy-efficient transport technologies and systems, while optimising safety.*

- *ii) Energy sector (-> previous speech)*

***Simultaneous addressing at least i) and ii)***

# Location of the proposed actions

- Overlap TEN-T and TEN-E
    - TEN-T: entire comprehensive network (emphasis on core transport network corridors)
    - TEN-E: only on location of one of the 195 (Energy)-PCIs (\*)
- » (\*) PCI = Projects of Common Interest



# The 9 Core Network Corridors



# Type of actions

- (A) Studies without pilot deployment
- (B) Studies with pilot deployment (= real-life trials)

No works in this call, due to lack of budget

# Market-sided Innovation (1)

- *Focus: Only new technologies **ready for deployment**,*
  - **no research, no demos either -> check Horizon2020**
- *Studies with integrated deployment "Pilot activities": "experimental nature"*
  - **Real-life trials** (not just demos) – *business-client relation, billing, roaming, etc., selling a package to the end-user (a citizen, a business person; targeting of niches allowed, however interoperability!)*
  - (1) Innovation on new technologies (testing/optimisation on sufficiently large scale!) – *E.g. bring down unit costs!*
  - (2) Innovation of processes: Testing/optimisation of business-client relations, i.e. integration of a clearly elaborated consumer-oriented business model to allow market roll-out

# Market-sided Innovation (2)

- *Studies with integrated deployment "Pilot activities": "experimental nature" (continued)*
  - Aiming for viability (replaced by cost-efficiency if viability makes no sense)
  - Study paper at the end of trial: lessons learnt & analysis on how to scale-up to mass application – *and integrate dissemination activity/contact banks and potential roll-out clients at mid-term to avoid time gap at end of trial – competitor is active too!*
  - ***Business plan for roll-out obligatory ==> New financial instruments of CEF and EFSI (Juncker Plan)***
  - *Advice: Short duration, aim for 2-3 years max, first results after 1 year please (this call: **absolute last completion date 31/12/2019**)*

# Indicative Budget

Envelope	Amount
Cohesion	0 million
General (All 28 MS)	€20 + 20 million = €40million

- Separate accounting for transport and energy components as much as possible; exceptionally if not possible 50/50 split
- Funding intensity up to 50+10=60%



# Some points to clarify the call (1):

- **Check FAQ immediately because of essential, useful info**
  - Recommended to check the FAQ regularly, as they are frequently updated!
- **Recommended process for applying:**
  - TEN-T comprehensive goes basically everywhere (see online TENtec maps), however there are only 195 Energy-PCIs, **which must be on-board!**
  - Therefore contact asap PCI promoter, normally the TSO (transmission system operator, see list) – check together the CBA (Cost-Benefit-Analysis)
  - Recommend to have PCI promoter as partner, but mandatory.
- **Energy storage to balance grid and to supply alternative fuels to transport**
  - Is eligible upon conditions, e.g. normally feeding into transmission grid (details see FAQ)

# Some points to clarify the call (2):

- ***Storage medium:***

- Any medium and arrangement may be used, e.g. any gas, incl. LNG, CNG, H<sub>2</sub>, as well as electrical batteries, pumped water, etc , **if ok with PCI.** condition

- ***Cyber security:***

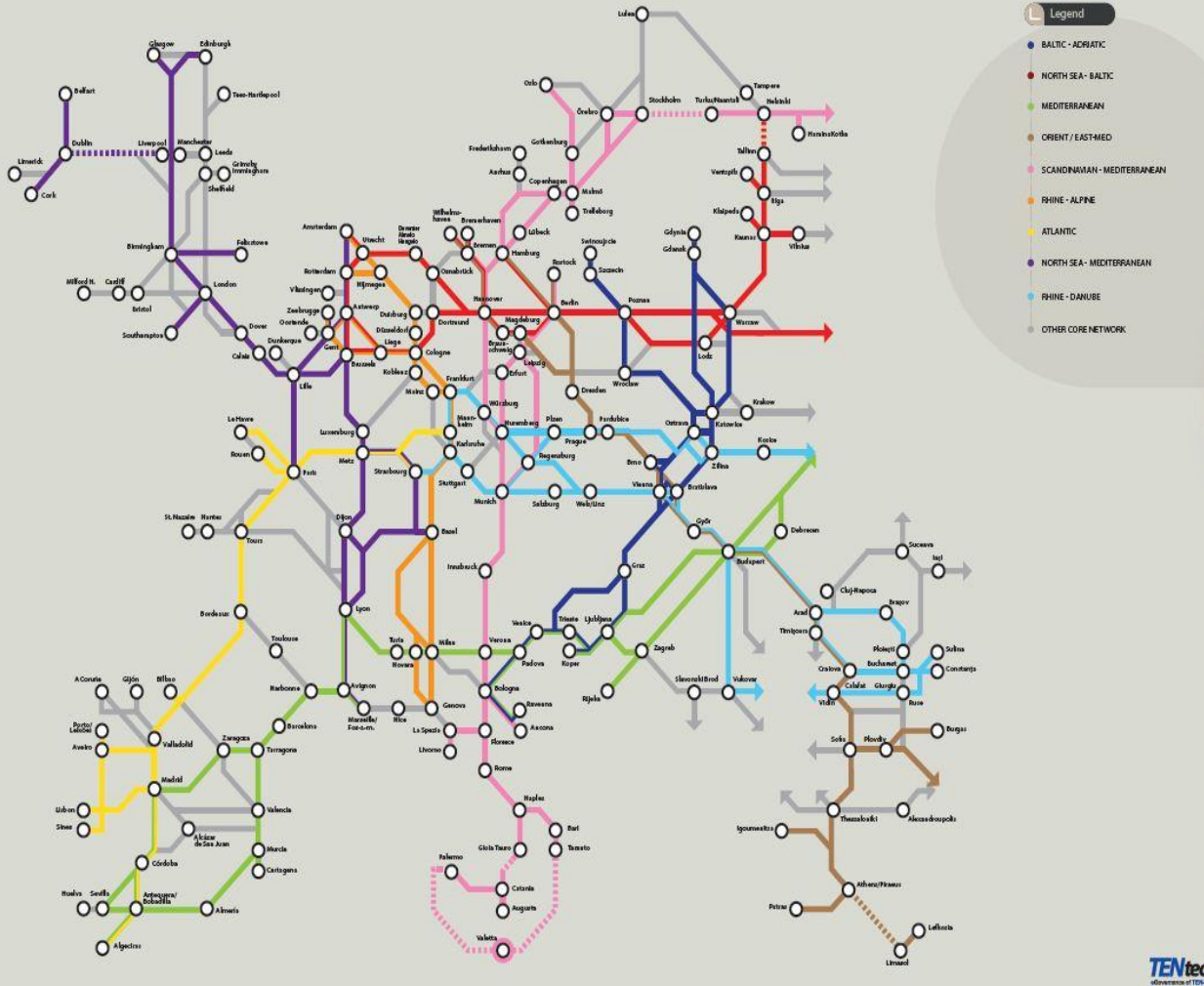
- This topic allows the third sector of the CEF to take part with one of its topics, where appropriate.
- It may be integrated into any transport-energy-synergy action.



European Commission

# THE TEN-T CORE NETWORK AND CORRIDORS

SCHEME (RAILWAYS & INLAND WATERWAYS) BASED ON THE OUTCOME OF THE INFORMAL TRILOGUE OF 27th JUNE 2013



## Legend

- BALTIC - ADRIATIC
- NORTH SEA - BALTIC
- MEDITERRANEAN
- ORIENT / EAST-MED
- SCANDINAVIAN - MEDITERRANEAN
- RHINE - ALPINE
- ATLANTIC
- NORTH SEA - MEDITERRANEAN
- RHINE - DANUBE
- OTHER CORE NETWORK

# THANK YOU FOR YOUR ATTENTION!

