



Innovation and Networks Executive Agency

Funding of EU infrastructure - INEA's role

TSO 2020 Workshop, 24 October 2018



Samuel Ben Soussan
Project Manager CEF-Energy

Innovation and Networks Executive Agency (INEA)

- **An Executive Agency established/supervised by the European Commission** (parent DGs MOVE, RTD, ENER, CNECT)
- **Turns policy into action:** Implementing EU funding for transport, energy and telecommunications
- Organises Calls for proposals; Monitors the technical and financial implementation of projects; Ensures sound financial management
- Gives feedback for policymaking to the European Commission



INEA's programmes and budget

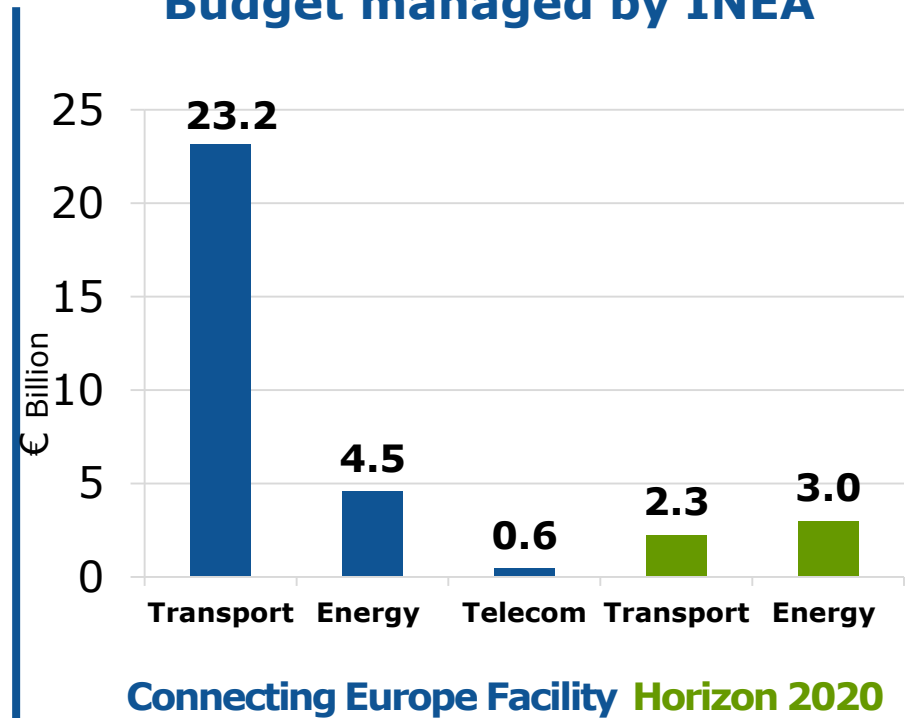


€33.6 billion managed by INEA

>1500 INEA ongoing actions

>260 Staff

Budget managed by INEA



Connecting Europe Facility (CEF)



EU programme for targeted infrastructure investment, nearly €30 billion budget

Development of high performing, sustainable and efficiently interconnected trans-European networks

Transport, energy and digital services

Connecting Europe Facility INEA Portfolio

CEF Transport, 23.2b€: removing bottlenecks or bridging missing links, traffic management systems, innovation in the transport system.

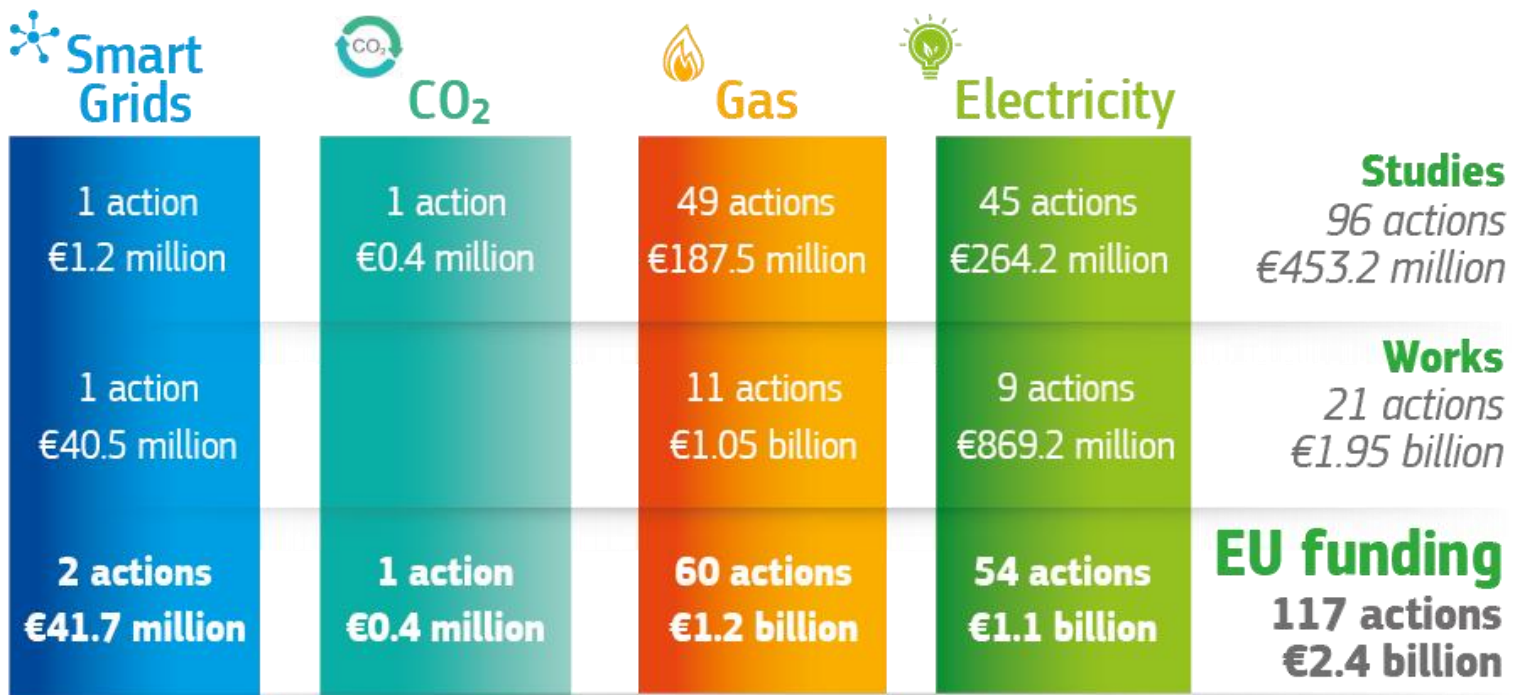
CEF Telecom, 0.6b€: deploying digital service infrastructures (DSIs) and broadband networks that sustain the Digital Single Market.

CEF Energy, 4.5b€: further integration of the internal energy market and interoperability of electricity and gas networks across borders.



European
Commission

CEF Energy portfolio (INCLUDING 2018-1 CALL)



Examples of funded actions in energy

Electricity: Construction of a new 400kV line between Dobrudja and Burgas, Bulgaria, 29.8M€

Gas: Construction of the Gas Interconnection Poland-Lithuania (GIPL) including supporting infrastructure, 266M€

Smart Grids: SINCROGRID, Slovenia/Croatia, 40M€

Synergy Energy-Transport: TSO2020, 7M€; SYNERG-E, 5.2M€

HORIZON 2020 Programme

Biggest EU Research and Innovation programme ever, nearly €80 billion



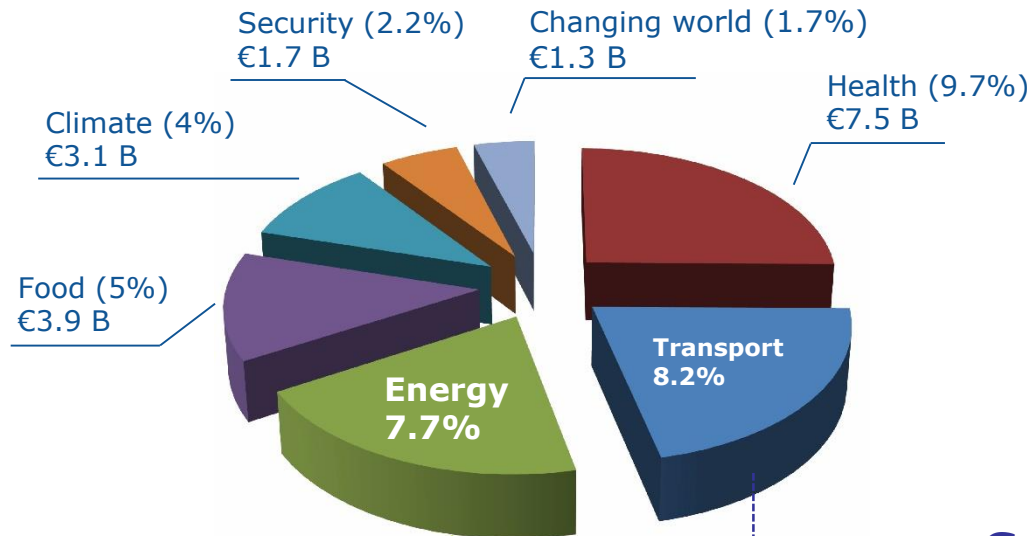
Programme supporting the Innovation Union:

- Make Europe into a world-class science performer
- Remove obstacles to innovation
- Improve the way public and private sectors work together

3 pillars:

- Excellent Science
- Industrial Leadership
- Societal Challenges

H2020 Societal challenges pillar – INEA's scope



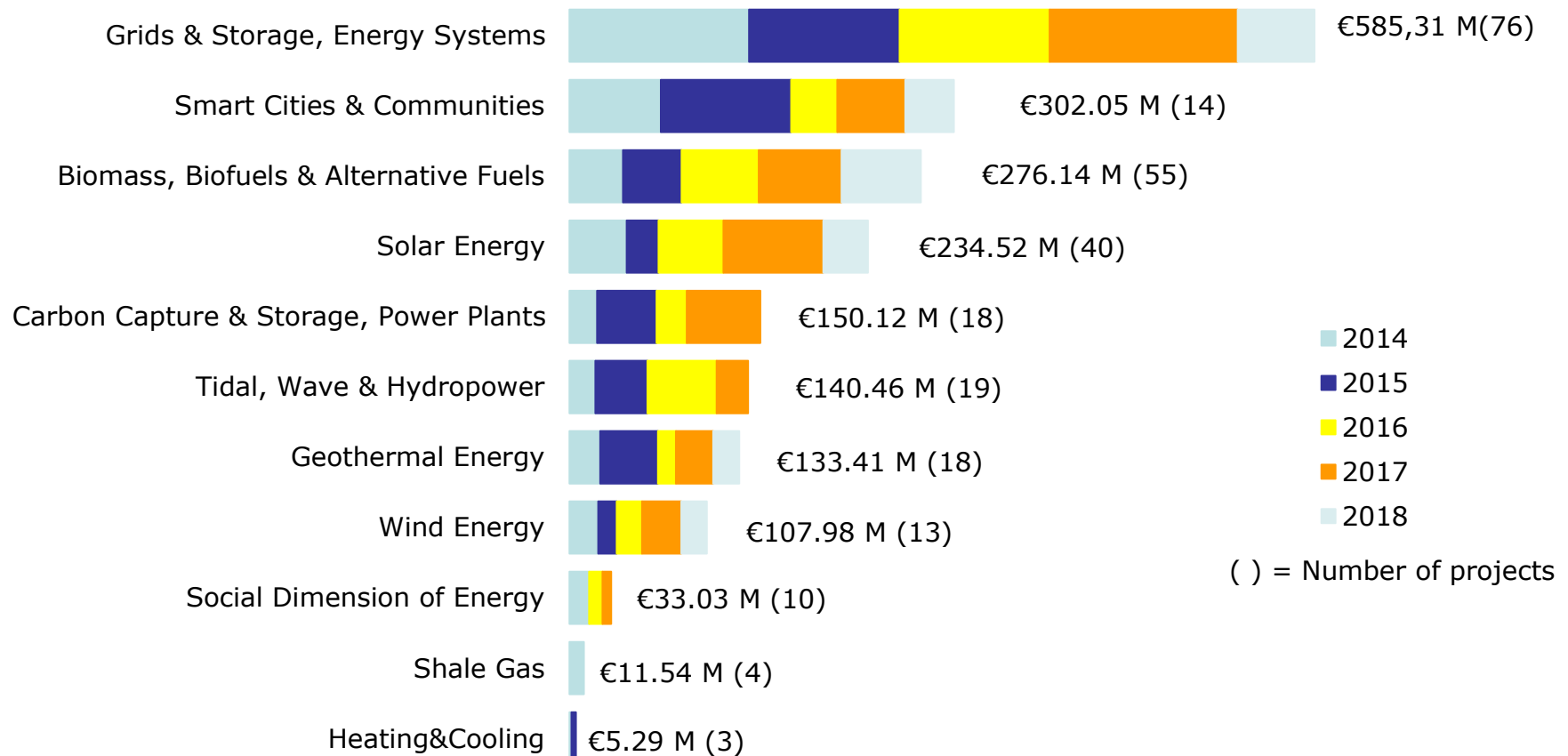
Secure, clean and efficient energy

- Total budget **€ 5.9 billion**
- Total INEA budget **€ 3 billion**
- Circa **400 projects** by 2020

Smart, green and integrated transport

- Total budget **€ 6.3 billion**
- INEA budget **€ 2.3 billion**
- Circa **400 projects** by 2020

INEA managed H2020 Energy Projects



Examples of funded projects for energy storage solutions

Grid environment:

- Netfficient:
Hybrid Energy
Storage Systems



- TILOS:
NaNiCl₂
molten salt
battery
storage system



- STORE&GO:
Optimised Power
to Methane
solutions



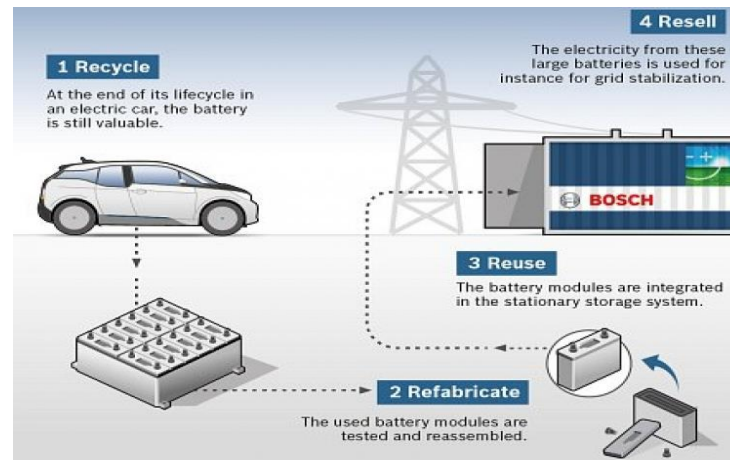


European
Commission

Examples of funded projects for energy storage solutions

Homes:

- ELSA: 2nd life batteries



Buildings/districts:

- RealValue:
- SETS - Thermal storage



Exploring synergies between programmes



For more information



Samuel.Ben-Soussan@ec.europa.eu (CEF)
Adas.Pangonis@ec.europa.eu (H2020)



<http://ec.europa.eu/inea>



@inea_eu



Look for INEA!

Thank you!