



**Mobiliser la communauté de recherche en utilisant  
les instruments de l'UE :**

**l'exemple de BiodivERsA et de ses activités sur la  
biodiversité et les services écosystémiques liés aux  
sols**

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[www.biodiversa.org](http://www.biodiversa.org)

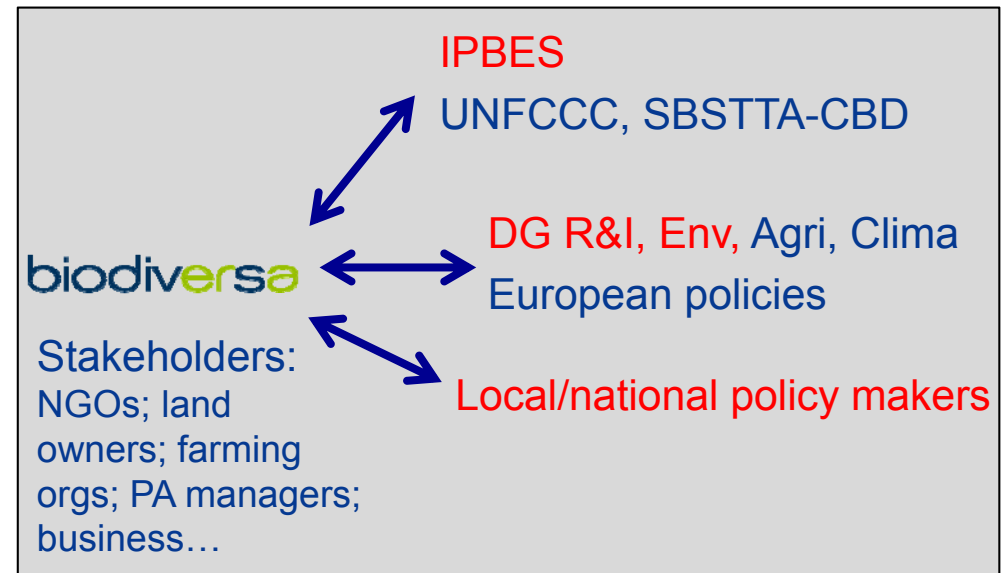


@BiodivERsA3

*3emes rencontres scientifiques AllEnvi (Paris, 5/12/2017)*

# Role of BiodivERsA in the policy landscape

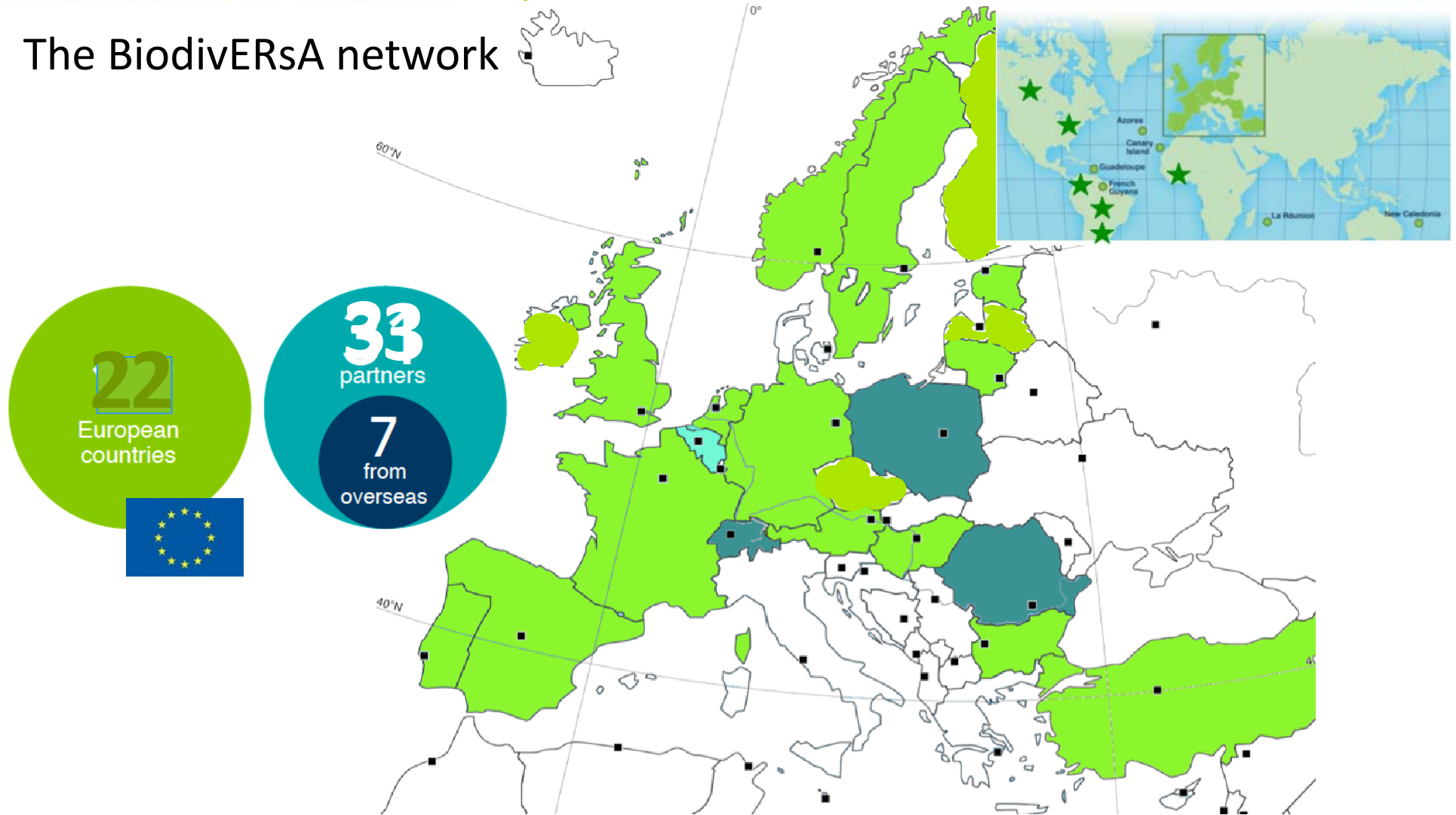
Activities relevant to ≠ key SDG<sub>s</sub>



(Azote Images - Stockholm Resilience Centre)



# The BiodivERsA network



**22**  
European countries



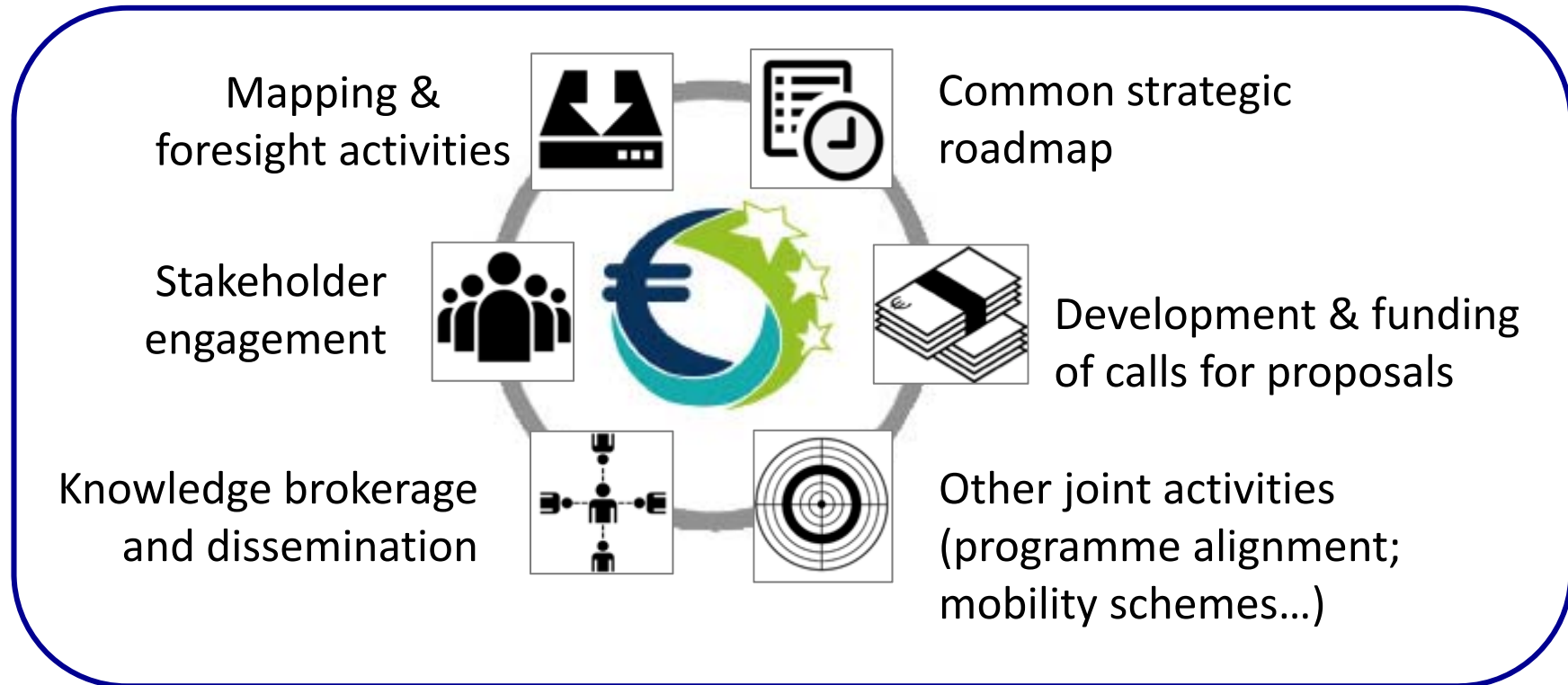
**33**  
partners

**7**  
from overseas





**A broad range of activities...**



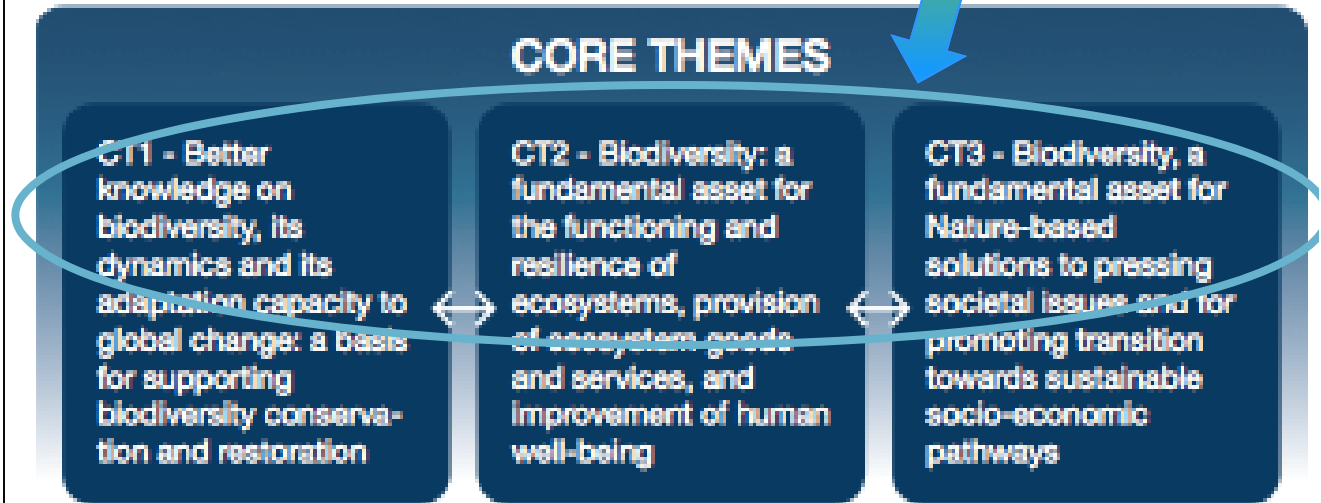
**...to promote joint programming for solution-oriented research on 'Biodiversity, ecosystem services and Nature-based Solutions'**





## Common roadmap

BiodivERsA SRIA produced in 2016



Integrated agenda for promoting transformation

+Implementation plan 2017-2019



Usual 'solutions' based on non sustainable exploitation of biodiversity

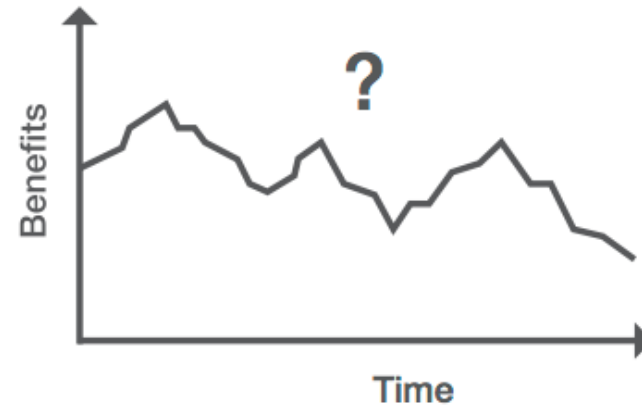
Over-fishing



Intensive agriculture



Cities xxx



Nature-based 'solutions' based on the protection and sustainable management of biodiversity

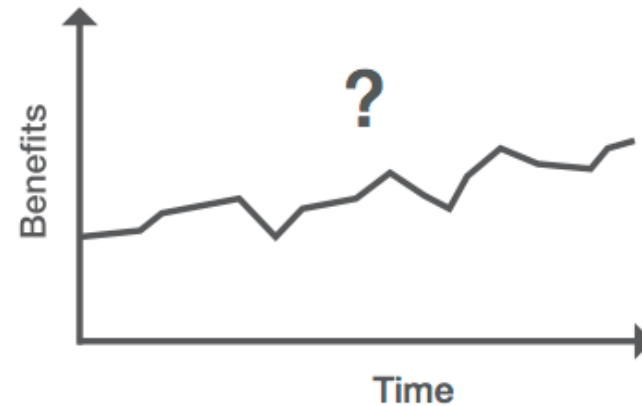
MPAs and reduced fishing on target species

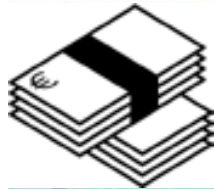


Agro-ecological approaches



Urban NBS





biodiversa

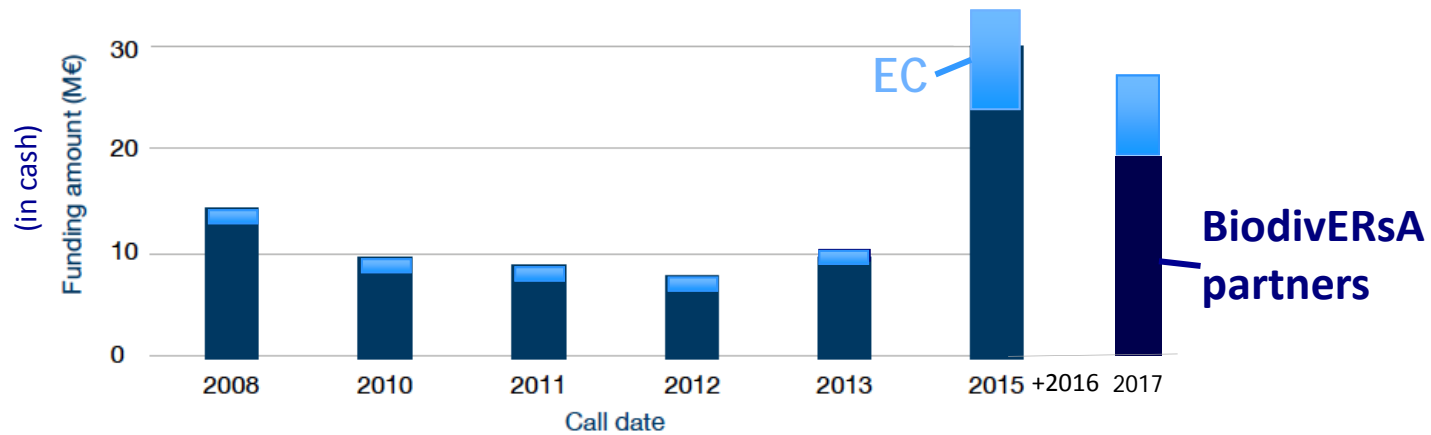


## Joint calls

For 2008-2017



for a total amount of

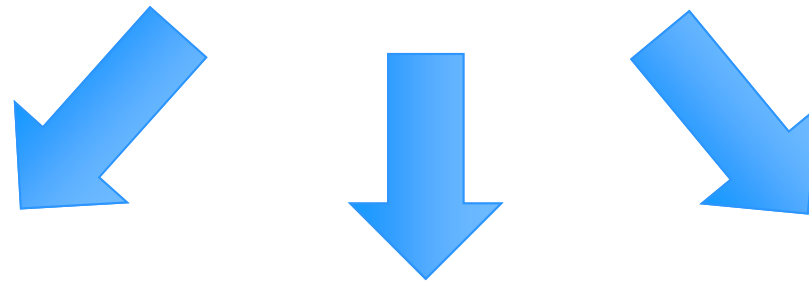


Annual calls to be launched over 2018-2020



**Knowledge  
brokerage**

Des actions supplémentaires pour accroître l'impact de la recherche



Policy briefs  
basées sur ≠ projets



Collaboration avec IPBES



Co-construction  
et utilisation de  
scénarios





**Exemples de projets pan-européens portant sur les  
sols soutenus par BiodivERsA...**

**... illustrant la mobilisation de la communauté FR**



Soil: 30% of all BiodivERsA-funded projects (i.e. 22 European projects)

1. Biodiversity: linking scientific advancements to policy and practice → 4 projects / 12
  2. Biodiversity and ecosystem services, and their valuation → 1 project / 7
  3. Biodiversity dynamics: developing scenarios, identifying tipping points, and improving resilience → 3 projects / 9
  4. Invasive species and biological invasions → 1 project / 9
  5. Promoting synergies and reducing trade-offs between food supply, biodiversity and ecosystem services → 4 projects / 10
  6. Understanding and managing soil and sediments biodiversity dynamics to improve ecosystem functioning and delivery of services
  7. Understanding and managing biodiversity dynamics in land-, river- and sea-scape (habitats connectivity, green and blue infrastructure, naturing cities)
- } → 9 projects / 26



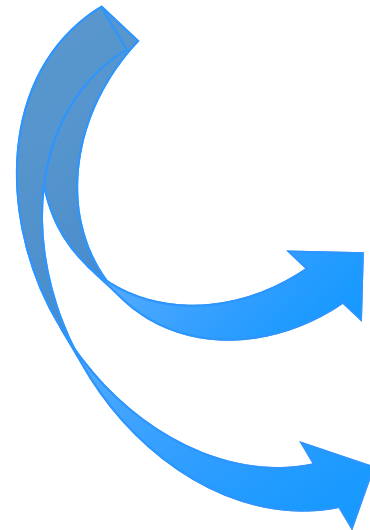
**Mobilisation et un succès  
forts de la communauté FR**

**Ex: mobilisation et succès FR lors de l'AAP BiodivERsA 2015**

122 propositions complètes éligibles:

25 coordinations FR (20,5%)

71 projets avec équipes FR (58,2%)



26 premières propositions:

6 coordinations (23,1%)

16 projets avec équipes FR (61,5%)



## The BiodivERsA 2015 COFUND call

✓ Theme on soil & sediment biodiversity and associated services:

**9 projects** funded for a total of **ca. 14 million €** by 15 organisations from 13 countries + EC

### 4 examples of funded projects

**SOILMAN** - Ecosystem services driven by the diversity of soil biota – understanding and management. Participating countries: DE, FR, ES, SE, RO, EE

**SOILFOREUROPE** - Predicting European forest soil biodiversity and its functioning under climate change. Participating countries: FR, BE, SE, DE

**DIGGING\_DEEPER** - Agro-ecosystem diversification: digging deeper. Participating countries: CH, DE, FR, ES, SE

**URBANMYCOSERVE** - Understanding and managing urban ectomycorrhizal (EcM) fungal communities to increase the health and ecosystem service provisioning of urban trees. Participating countries: BE, FR, PT

### Expected outcomes

➔ Strategies for improving soil biodiversity and services, cost-effective **indicators** of soil resilience and resistance

➔ Predictive framework on how soil biodiversity affects forest functioning and tools for **forest management** under climate change

➔ Impact of agricultural practices on the yield, biodiversity and sustainability of **agroecosystems**

➔ Knowledge base for **EcM inoculum** preparation to improve delivery of services by **urban trees**, formulation for market deployment

**For more information** on this call and projects: [www.biodiversa.org/922](http://www.biodiversa.org/922)



Sustainable management of biosphere: key goal and basis for SDGs

BiodivERsA offers:

- Coordinated research over 22 European countries and overseas + open to the world
- Agenda integrating research on biodiversity conservation/restoration, and sustainable management and use (Nature-based solutions)
- Interdisciplinarity ; stakeholder engagement
- Strong links to other sectors (*DGs; JPIs*)
- Strong links to key international players (*IPBES; Belmont Forum; Future Earth*)



**BiodivERsA: a tool able to mobilize a broad community and promote research impact in line with SDGs**



Thank You!

*BiodivERSA3 is supported by EC  
part of its H2020 programme*

