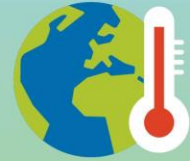




EUROPEAN UNION

# EU MISSIONS



## Concrete solutions for our greatest challenges

*Tereza BUDŇÁKOVÁ*

Unit Horizon Europe Climate

European Climate, Infrastructure and Environment  
Executive Agency (CINEA)

#EUmissions #HorizonEU



# What are European Missions?

- European Missions are a new way to bring concrete solutions to some of our greatest challenges
- They have ambitious goals and will deliver concrete results by 2030
- Each mission will operate as a **portfolio of actions** – such as research projects, policy measures or even legislative initiatives – to achieve a measurable goal that could not be achieved through individual actions



# Launch of implementation of European Missions

- On **29 September 2021** the Commission adopted Communication on European Missions
- 5 European Missions were launched



- Each Mission has an Implementation Plan, with specific timeframe and a budget
- Missions bring **new forms of governance** for a systemic response to societal challenges



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# EU MISSIONS



**Concrete solutions for our greatest challenges**

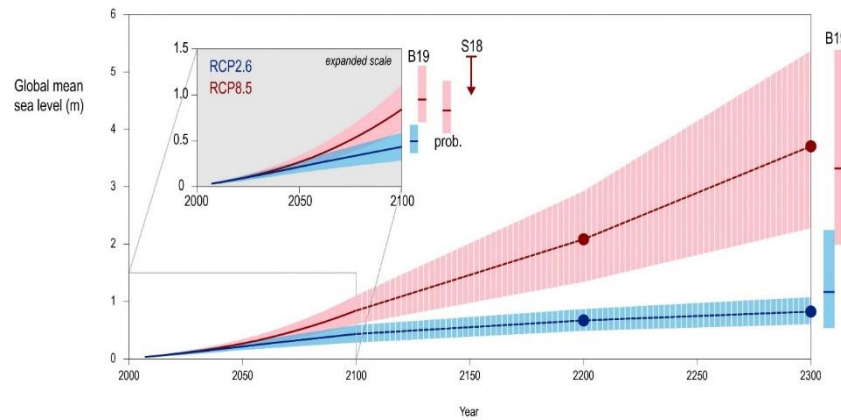
**A European mission on Adaptation to Climate Change**



**#MissionClimate #EUmissions #HorizonEU**



- Impacts are already here...
- ...affecting every region in the Europe...
- ...and even in a best case scenario, these impacts will remain!





# Policy context

- **2030 Agenda for Sustainable Development**
- **Paris Agreement**
- **European Green Deal:**
  - European **Climate Law**,
  - European **Climate Pact**
  - **Farm to fork** strategy
  - **Sustainable finance** strategy
  - **2030 Climate** Target Plan
  - EU **Biodiversity** strategy
  - **Forest** strategy
- **EU strategy on adaptation to climate change: Forging a climate-resilient Europe**





# Mission on adaptation to Climate Change

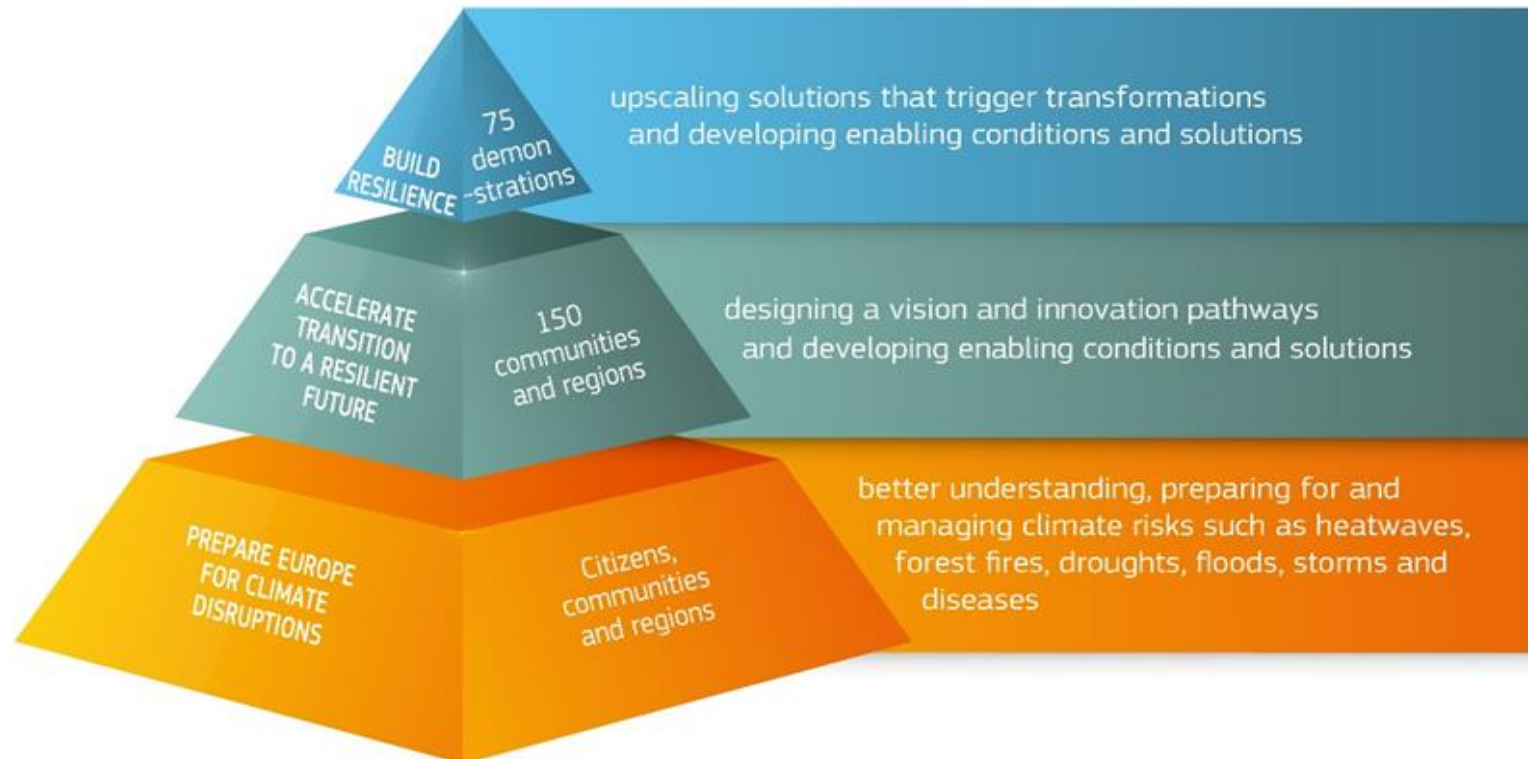
- Foster Europe's **resilience** to climate change at local and regional level while engaging citizens
- Help prepare for unavoidable climate impacts and accelerate Europe's **transformation** into a climate-resilient continent.





# Climate Change Adaptation Mission Objectives

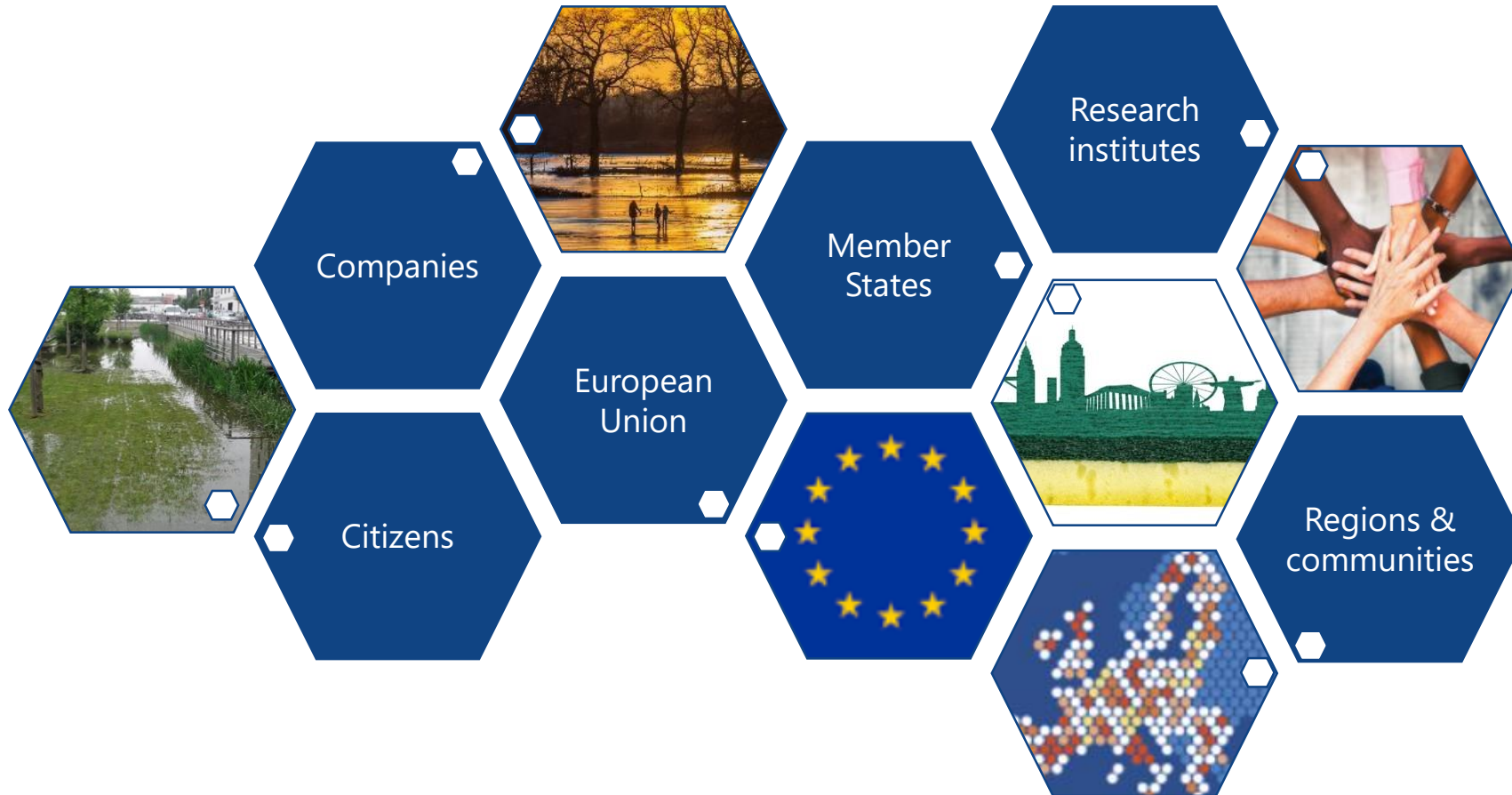
**Overall objective:** to help at least 150 European regions and communities towards climate resilience by 2030







# Inclusive approach





## Regions and communities

**To help at least 150 European regions and communities towards climate resilience by 2030**



- help regions better understand, prepare for, and manage their climate risks and opportunities
- stimulate EU regions leading in climate adaptation to share their experience and guide all regions in finding solutions tailored to their own climatic situation and economy
- support innovative climate resilience solutions and help regions source additional investments.



## Selection of regions

- In the first HE calls, the participation of regions through selected grants (no region-specific selection criteria).
- « Cascading » projects will be set up
- Bottom-up participation of regions for 1<sup>st</sup> WP
- Subsequent WP might be specifically designed for geographical balance or for certain climate risks.





EUROPEAN UNION

# EU MISSIONS



**Concrete solutions for our greatest challenges**

**‘Restore our Ocean and Waters by 2030’**

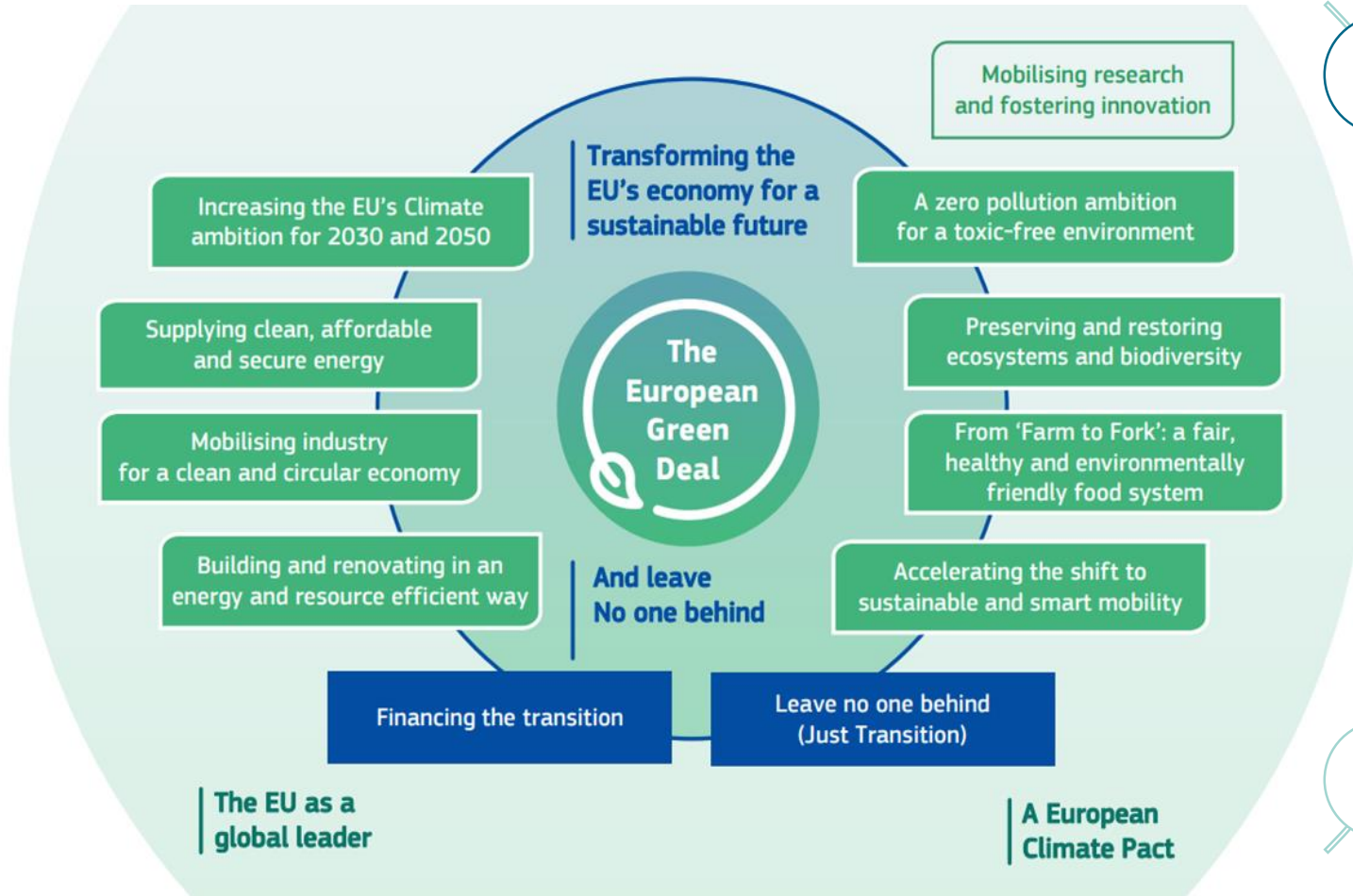
#MissionOcean #EUmissions #HorizonEU





# Mission 'Restore our ocean and waters by 2030'

The European Union can only fulfil its European Green Deal objectives with a healthy ocean. Healthy ocean is only possible with a healthy water system.



- EU Biodiversity Strategy and future nature restoration targets
- EU Zero Pollution Action Plan
- EU Sustainable Blue Economy Strategy
- EU Climate Law
- EU Farm to Fork Strategy
- EU Sustainable and Smart Mobility Strategy





## Mission objective and targets

# Restore our ocean and waters by 2030



### Protect and restore marine and freshwater ecosystems and biodiversity in line with EU Biodiversity Strategy

Protect a minimum of 30% of the EU's sea area and integrate ecological corridors, as part of a true Trans-European Nature Network.

Strictly protect at least 10% of the EU's sea area

At least 25,000 km of free-flowing rivers are restored

Contribute to relevant upcoming marine nature restoration targets incl. degraded seabed habitats and coastal ecosystems

### Prevent and eliminate pollution of our ocean, seas and waters in line with EU Action Plan towards Zero Pollution

Reduce by at least 50% plastic litter at sea

Reduce by at least 30% microplastics released into the environment

Reduce by at least 50% nutrient losses, the use and risk of chemical pesticides

### Make the Blue Economy carbon neutral and circular in line with the European Climate Law

Eliminate greenhouse gas emissions from maritime economic activities in the EU and sequester those emissions that cannot be avoided (net zero maritime emissions)

Develop zero-carbon and low-impact aquaculture, and promote circular, low-carbon multi-purpose use of marine and water space.



# Mission Implementation Phases



## Development and Piloting phase

2021-2024

- Mission lighthouses
- Blue Parks Platform
- Piloting of innovative R&I solutions
- Precursor of digital ocean and water knowledge system
- Citizen science, literacy and engagement



2025 Mid-term review



## Deployment and upscaling phase

2025-2030

- Scale up projects
- Blue parks conservation projects
- Dynamic investment ecosystem
- Digital Ocean and water knowledge system
- Digital Twin Ocean
- Citizen science, literacy and engagement



# Mission Intervention Logic







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# Mission lighthouses

# EU MISSIONS



Danube river basin



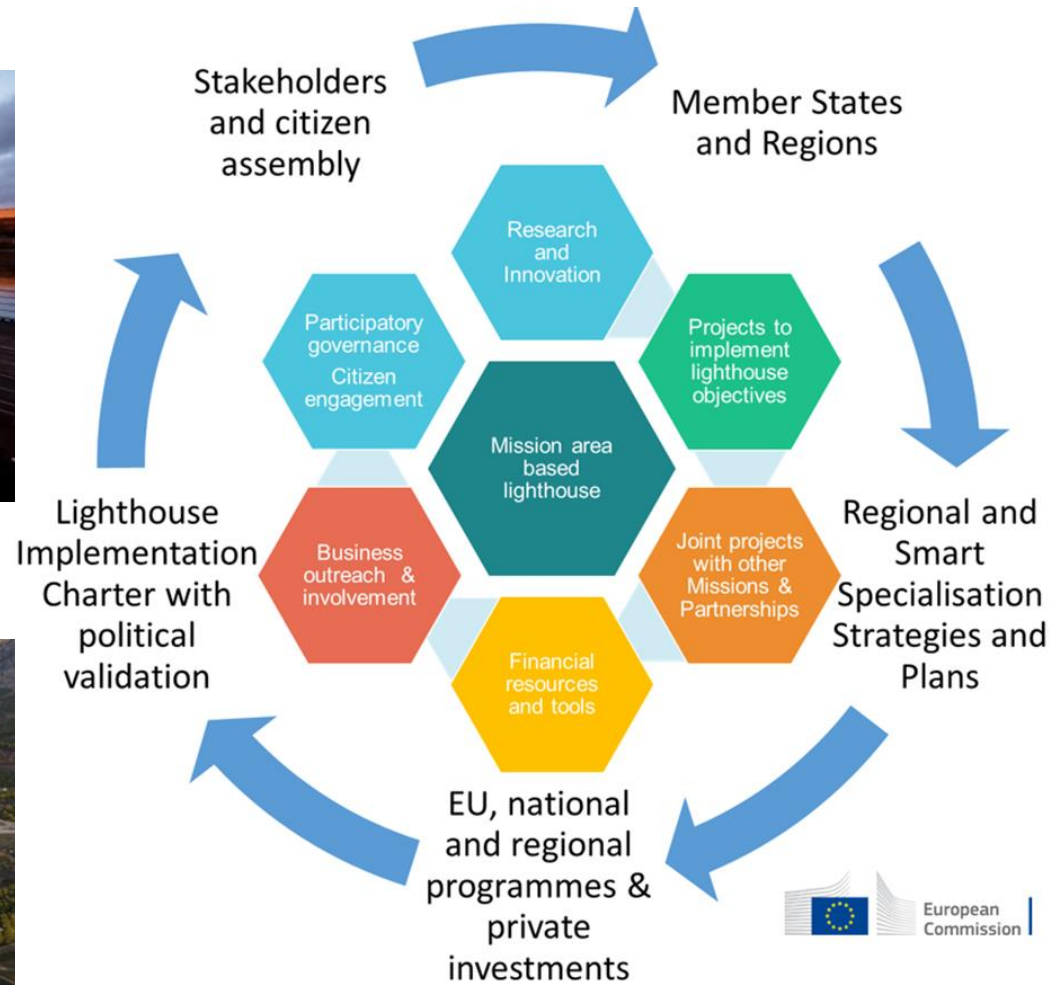
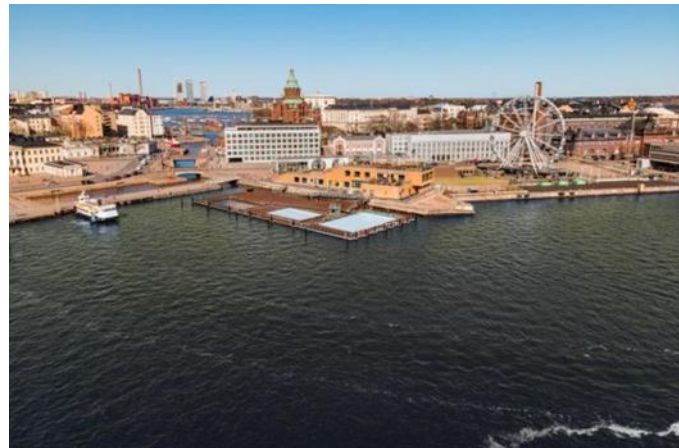
Atlantic & Arctic basin



Mediterranean sea basin



North and Baltic sea basin





# Next steps in the Mission implementation

Implementation of  
Mission lighthouses &  
Blue Parks technical  
support

Lighthouse  
Implementation  
Charters

1<sup>st</sup> Horizon Europe  
Work programme for  
Mission

Communication,  
outreach, literacy &  
citizen engagement

Actions to support  
digital ocean and  
water knowledge  
system





# Timeline - Horizon Europe Work Programme

- **Horizon Europe** Work Programme (WP) for 2021 under discussion with Member States (MS)
- MS approval expected in October 2021
- Publication of WP foreseen by end December 2021
- Opening of First calls in January 2022 and closing by mid April 2022.
- Signature of First grants and start of projects by end 2022

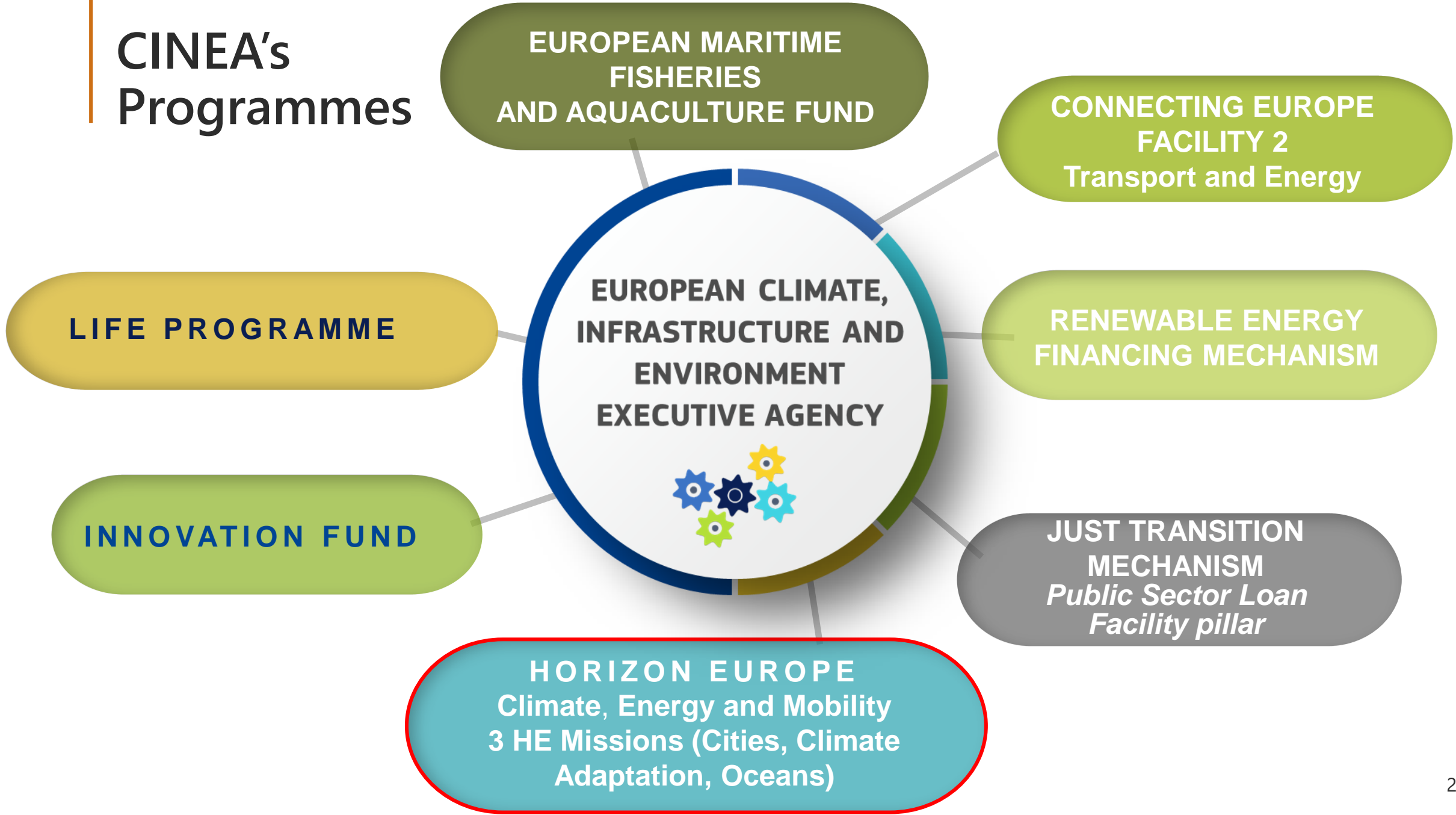


# Presenting CINEA

**EUROPEAN CLIMATE,  
INFRASTRUCTURE AND  
ENVIRONMENT  
EXECUTIVE AGENCY**



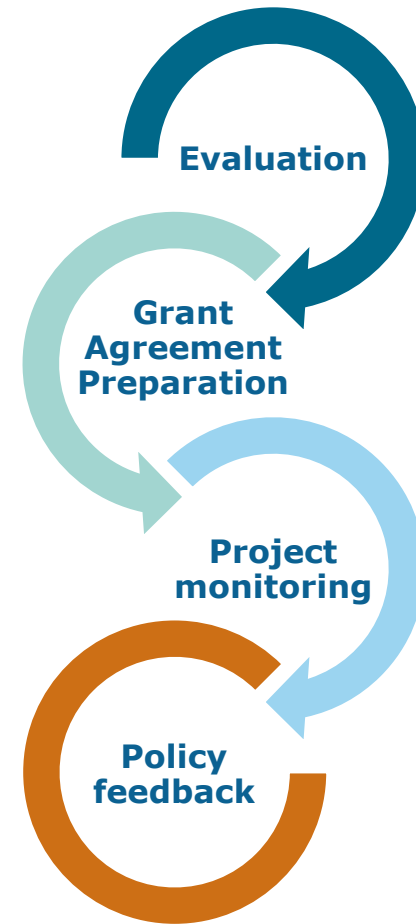
# CINEA's Programmes



# CINEA's role

In charge of the whole cycle of R&I project implementation:

- Evaluation of Proposals
- Grant Agreement Preparation
- Scientific/Technical and Financial monitoring of projects
- Supporting exploitation and dissemination of project results
- Policy feedback to DGs





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# Thank you!

**EUmissions**  
**#HorizonEU**

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