



# The European Green Deal and Research & Innovation as a Driver for Change

*von der Leyen Commission*

#EUGreenDeal

Research and  
Innovation



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*The European Green Deal is  
Europe's Man on the Moon  
Moment*

#EUGreenDeal



European  
Commission

**Mobilising Research & Fostering Innovation**

**Transforming the EU's economy for a sustainable future**

**Mainstreaming sustainability in all EU policies**

**Designing a set of deeply transformative policies**

**The European Green Deal**

**And leaving no one behind**

**Leave no one behind (Just Transition)**

**Financing the transition**

**The EU as a global leader**

**A European Climate Pact**

**Designing a set of  
deeply  
transformative  
policies**



# CLIMATE PACT & CLIMATE LAW

- European '**Climate Law**' enshrining the 2050 climate neutrality objective into legislation
- Plan to increase the EU's **2030 climate target** to **at least 50%** and **toward 55%** in a responsible way by October 2020
- **Revise all relevant legislative measures** to deliver on this increased ambition by June 2021
- Proposal for a revision of the **Energy Taxation Directive** by June 2021
- Possible **carbon border adjustment mechanism** by 2021
- A new **EU Strategy on Adaptation** in 2021
- Launch of the **European Climate Pact**
- Proposal for an **8<sup>th</sup> Environmental Action Programme** in 2020

# ENSURING A JUST TRANSITION FOR ALL

- **Just Transition Mechanism** will ensure Europe moves away from fossil fuels **without leaving anyone behind** by:
  - Providing tailored **financial and practical support** to help **workers**
  - Generate the **necessary investments** in the regions **most affected by the transition**
  - Making investments more attractive, with an **overall financial package of at least €100 billion**

# LEADING THE GREEN CHANGE GLOBALLY

- EU to continue **leading the international climate and biodiversity negotiations**, further strengthening the international policy framework
- Strengthen the **EU's Green Deal Diplomacy** in cooperation with Member States
- **Green Agenda** for the Western Balkans
- Proposal to make the **respect of the Paris Agreement an essential element** for all future comprehensive trade agreements



# Research & Innovation and the Green Deal



# MOBILISING RESEARCH AND FOSTERING INNOVATION

- At least **35% of Horizon Europe funding** for climate solutions
- Horizon 2020 **Green Deal Call** of **€1 billion**
- Four '**Green Deal missions**' (climate adaptation, oceans, cities and soil)
- **Several European Partnerships** with industry and Member States
- **European Institute of Innovation and Technology** support to young researchers and innovators
- **European Innovation Council** focused on radically new, breakthrough products, services and processes
- **Data and digital infrastructure** in support of the ecological transition

# THE ROLE OF R&I POLICY IN THE EGD

- DG Research and Innovation is **actively engaged** across **all EGD work streams**
- As a **key enabler** of the various transitions called for by the European Green Deal, research and innovation can **drive, navigate and accelerate the enormous Green Deal transformation**
- Research and innovation is a **policy of opportunity** and should **play a key role** in helping Europe achieve **Climate Neutrality**

# HORIZON EUROPE GREEN DEAL MISSIONS



**Adaptation to climate change,  
including societal  
transformation**



**Climate-neutral and  
smart cities**

**Soil health and  
food**



**Healthy oceans, seas,  
coastal and inland  
waters**



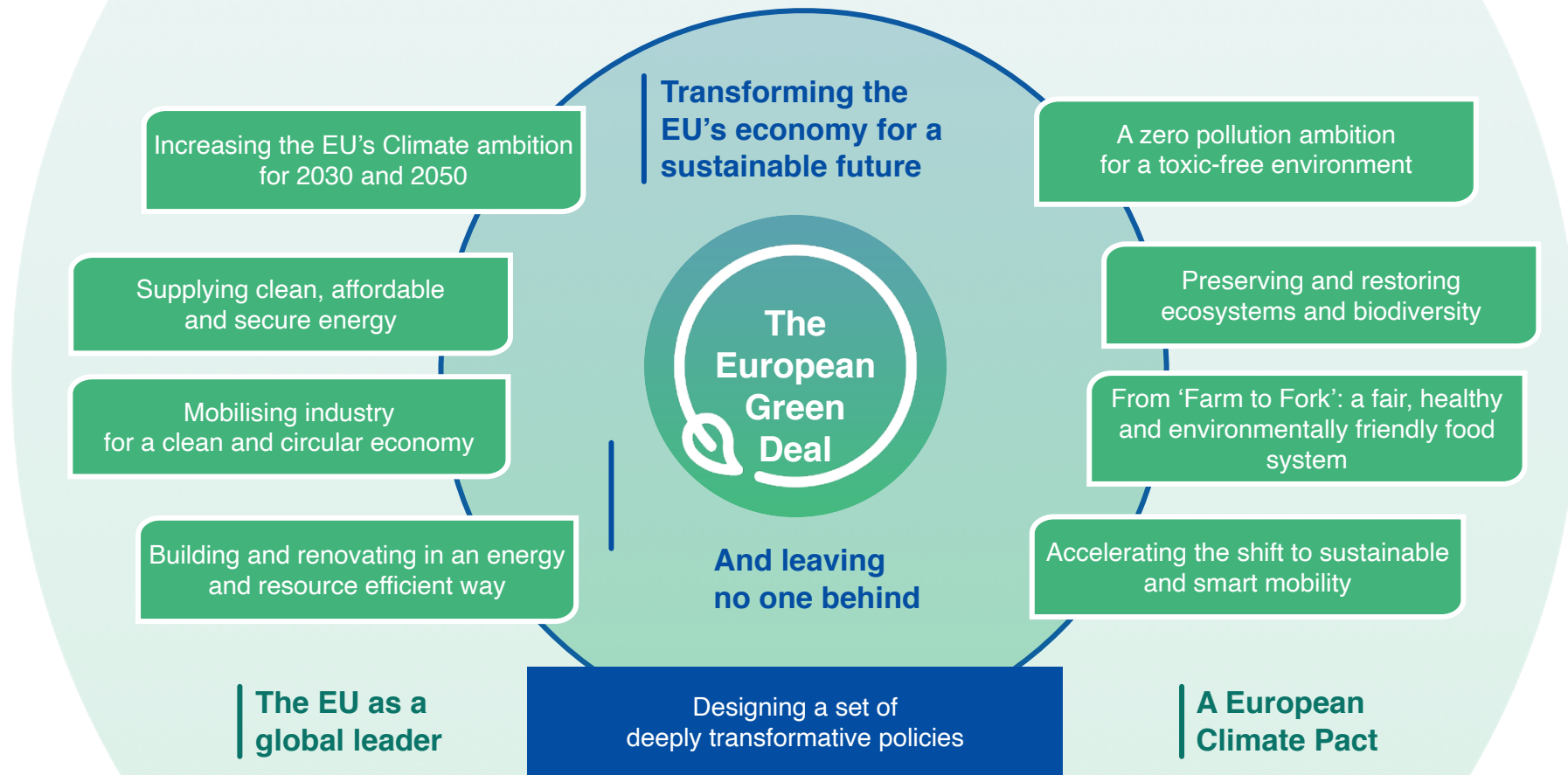
# HORIZON EUROPE GREEN DEAL MISSIONS

- The Missions aim to produce **European public goods at a grand scale**
- Provide excellent platforms for **citizens to actively participate** in the Green Deal, being potential testbeds for the Climate Pact
- They catalyse action, deliver impact and **capture the public's imagination**

# EUROPEAN GREEN DEAL CALL

- New **Green Deal Call under Horizon 2020** is worth **€1 billion** and is a direct contribution to the **Green Deal** and the **Recovery Plan**
- Major **cross-cutting** call to provide **innovative solutions**, demonstrate **tangible results** and reassure citizens that **action is underway**
- The Call addresses the major priorities of the Green Deal, with eight thematic areas reflecting the structure of the Green Deal and two horizontal areas – ‘strengthening knowledge’ and ‘empowering citizens’ offering a longer-term perspective

# THE EUROPEAN GREEN DEAL CALL





| THANK YOU

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