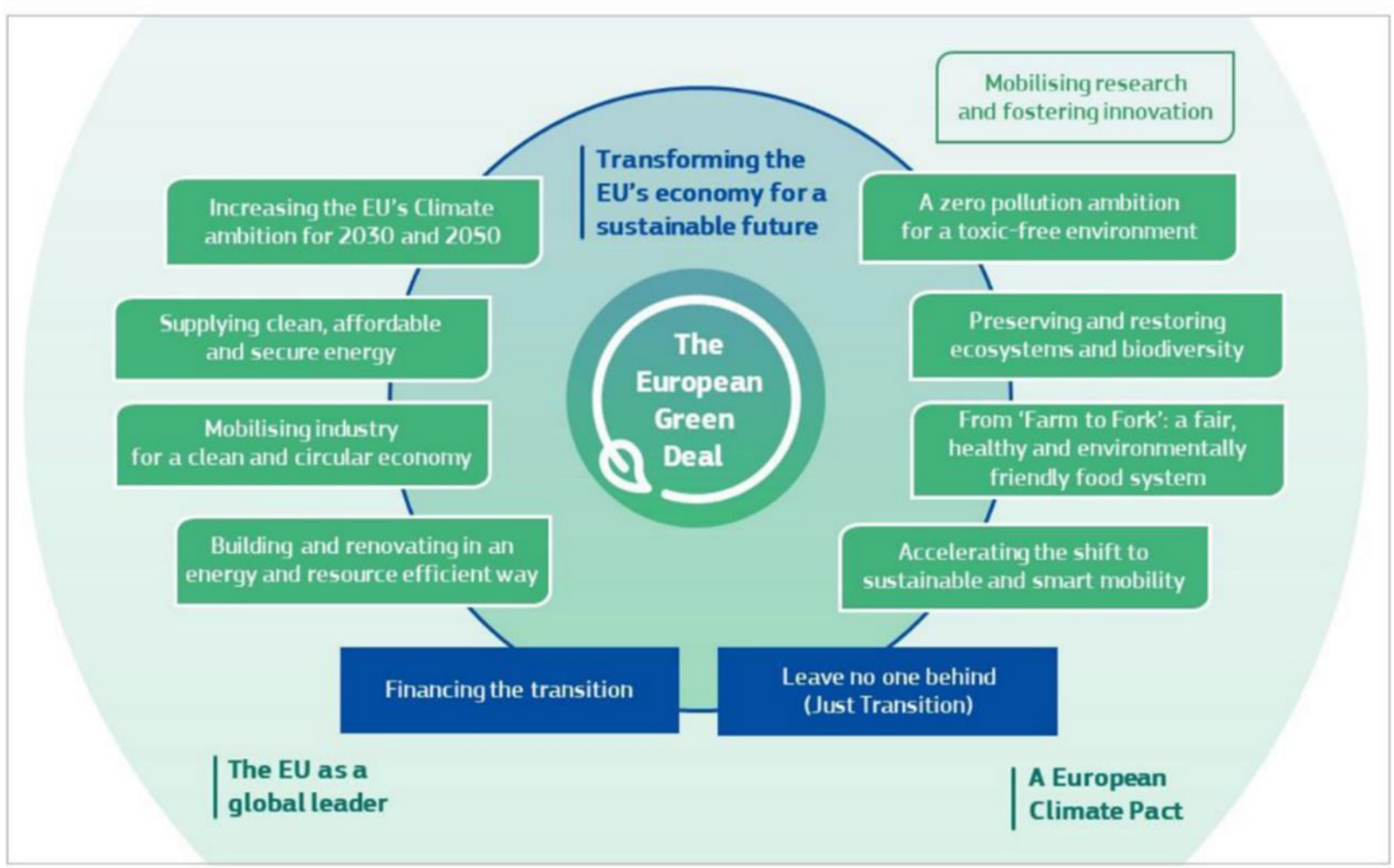
Horizon 2020
European Green Deal Call

DG Research and Innovation, European Commission

The European Green Deal (2)



European Commission

Horizon 2020 European Green Deal Call (1)

- €1 billion investment to boost the green and digital transition.
- Launched in 2020, before the start of Horizon Europe:
  - Pressing need to confront the climate crisis and provide greater protection for the continent's unique environment and biodiversity.
  - Aiding Europe's recovery in the wake of the Covid-19 crisis, contributing directly to the EU's Recovery Plan for Europe.

Horizon 2020 European Green Deal Call (2)

- Green Deal Call aims for **clear, discernible results in the short to medium-term, but with a perspective of long-term change**. There are fewer, but more targeted, larger and visible actions, with a focus on rapid scalability, dissemination and uptake.
- The Call has been structured to reflect explicitly the priorities of the European Green Deal. It contains **20 topics, which are distributed in 10 thematic areas**.
- The first eight areas correspond exactly to the **eight work streams of the European Green Deal**. These areas are complemented by two horizontal areas.

Horizon 2020 European Green Deal Call (3)

Areas	Topics
Thematic	
1. Increasing climate ambition: cross sectoral challenges	1.1. Preventing and fighting extreme wildfires with the integration and demonstration of innovative means 1.2. Towards climate-neutral and socially innovative cities 1.3. Climate-resilient innovation packages for EU regions
2. Clean, affordable and secure energy	2.1. Innovative land-based and offshore renewable energy technologies and their integration into the energy system 2.2. Develop and demonstrate a 100 MW electrolyser upscaling the link between renewables and industrial applications 2.3. Accelerating the green transition and energy access partnership with Africa
3. Industry for a clean and circular economy	3.1. Closing the industrial carbon cycle to combat climate change 3.2. Demonstration of systemic solutions for the territorial deployment of the circular economy
4. Energy and resource efficient buildings	4.1. Building and renovating in an energy and resource efficient way
5. Sustainable and smart mobility	5.1. Green airports and ports as multimodal hubs for sustainable and smart mobility
6. Farm to fork	6.1. Testing and demonstrating systemic innovations for sustainable food from farm to fork
7. Biodiversity and ecosystems	7.1. Restoring biodiversity and ecosystem services
8. Zero-pollution, toxic-free environments	8.1. Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals 8.2. Fostering regulatory science to address chemical and pharmaceutical mixtures: from science to evidence-based policies

Horizontal	
9. Strengthening knowledge	9.1. European Research Infrastructures' capacities and services to address European Green Deal challenges 9.2. Developing end-user products and services for all stakeholders and citizens supporting climate adaptation and mitigation 9.3. A transparent and accessible ocean: towards a digital twin of the ocean
10. Empowering citizens	10.1. European capacities for citizen deliberation and participation for the Green Deal 10.2. Behavioural, social and cultural change for the Green Deal 10.3. Enabling citizens to act on climate change and environmental protection through education, citizen science, observation initiatives, and civic involvement

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