



European Green Deal Call

The **European Green Deal** is the European Commission's blueprint and roadmap to make Europe the first climate neutral continent by 2050.

On September 18, the European Commission launched the **Horizon 2020 EUROPEAN GREEN DEAL CALL for research and innovation projects** responding to the climate crisis and helping protect Europe's ecosystems and biodiversity.

Deadline for submitting projects is 26/01/2021.

Selected projects are expected to start in autumn 2021.



The projects that will be funded under this call are expected to **deliver results in 10 areas.**

Increasing climate
ambition and Green
Deal impact with
cross-cutting
solutions

1

Supplying clean,
affordable and
secure energy

2

Industry for a clean
and circular
economy

3

Energy and
resource-efficient
buildings

4

Sustainable and
smart mobility

5

Farm to Fork

6

Restoring
biodiversity and
ecosystem services

7

A zero-pollution
ambition for a toxic-
free environment

8

Strengthening our
knowledge in
support of the
European Green
Deal

9

Empowering citizens
for the transition
towards a climate
neutral, sustainable
Europe

10

Call area 1: Increasing climate ambition and Green Deal impact with cross-cutting solutions

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. Preventing and fighting extreme wildfires with the integration and demonstration of innovative means	Techniques, models, solutions and capabilities for preventing, predicting, monitoring and fighting wildfires	EUR 2 to 3 million
2. Towards Climate-Neutral and Socially Innovative Cities	Assessment methodologies for planning, governance, testing solutions	Up to EUR 53 million
3. Climate-resilient innovation packages for EU regions	Innovation Packages	EUR 10 to 15 MEUR

Call area 2: Supplying clean, affordable and secure energy

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. Innovative land-based and offshore renewable energy technologies and their integration into the energy system	Demonstrate at sea critical offshore renewable energy innovations	EUR 20 to 35 million
2. Develop and demonstrate a 100 MW electrolyser upscaling the link between renewables and commercial/industrial applications	Hydrogen production	EUR 3 to 6 million
3. Accelerating the green transition and energy access Partnership with Africa	Renewable energy sources and their integration into existing energy system, energy efficiency in particular in urbanised contexts. The medium term impact will be in the creation of new markets opportunities for both European and African companies in the African continent	EUR 5 to 10 million

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Call area 3: Industry for a clean and circular economy

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. <u>Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources</u>	Greening of industrial and energy production by using CO2 emissions from industrial processes.	Up to EUR 40 million
2. <u>Demonstration of systemic solutions for the territorial deployment of the circular economy</u>	Valorisation of local resources, circular economy (including circular bioeconomy)	EUR 10 to 20 million

Call area 4: Energy and resource-efficient buildings

TOPIC	KEY WORDS	FUNDING PER PROJECT
<u>Building and renovating in an energy and resource efficient way</u>	Recycling/reuse of construction materials, energy-efficient building designs, Energy storage systems	EUR 10 to 20 million

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Call area 5: Sustainable and smart mobility

TOPIC	KEY WORDS	FUNDING PER PROJECT
<u>Green airports and ports as multimodal hubs for sustainable and smart mobility</u>	Airports, ports transport, logistics, de-icing, alternative fuels	Between EUR 15 and 25 million

Call area 6: Farm to fork

TOPIC	KEY WORDS	FUNDING PER PROJECT
<u>Testing and demonstrating systemic innovations in support of the Farm-to-Fork Strategy</u>	Green food production value-chain	EUR 6 million up to 12 million

Call area 7: Restoring biodiversity and ecosystem services

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. Restoring biodiversity and ecosystem services	Large-scale demonstrators of how systemic upscaling and replication of best practice ecosystem restoration	Between EUR 16 and 25 million

Call area 8: A zero-pollution ambition for a toxic-free environment

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. Innovative, systemic zero-pollution solutions to protect health, environment and natural resources from persistent and mobile chemicals	Protect health, environment and natural resources from persistent and mobile chemicals, such as PFAS	EUR 8 to 12 million
2. Fostering regulatory science to address combined exposures to industrial chemicals and pharmaceuticals: from science to evidence-based policies	Applied research studies, demonstrating how new tools and methodological approaches from regulatory science	EUR 4 to 6 million

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Call area 9: Strengthening our knowledge in support of the European Green Deal

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. European Research Infrastructures capacities and services to address European Green Deal challenges	Support EU leadership in clean energy storage technologies European research infrastructures and monitoring networks	Up to EUR 7 million
2. Developing end-user products and services for all stakeholders and citizens supporting climate adaptation and mitigation	Inform citizens and decision-makers about the impacts of climate change	EUR 3 to 5 million
3. Transparent & Accessible Seas and Oceans: Towards a Digital Twin of the Ocean	Monitoring, sensors, big data, AI, ocean model representation	Up to EUR 12 million

Call area 10: Empowering citizens for the transition towards a climate neutral, sustainable Europe

TOPIC	KEY WORDS	FUNDING PER PROJECT
1. European capacities for citizen deliberation and participation for the Green Deal	Transnational networks of experts, researchers, practitioners and relevant civil society organisations specialised on deliberative democracy and civic participation across Europe	EUR 3 to 5 million
2. Behavioural, social and cultural change for the Green Deal	Establish transnational and transdisciplinary networks of experts, researchers, practitioners and relevant civil society organisations on behavioural, social and cultural change.	EUR 3 to 5 million
3. Enabling citizens to act on climate change, for sustainable development and environmental protection through education, citizen science, observation initiatives, and civic engagement	Lifelong learning, skills, competence framework, citizens engagement, monitoring and observing of the environment	EUR 3 to 5 million

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