

#innovacion
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#internacionalizacion



Jornada Europea – H2020 Green Deal
10 noviembre 2020

EU Green Deal. Oportunidades a futuro



Lydia González Fernández
lydia.gonzalez@cdti.es

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EU Green Deal

- Dónde estamos???
- Y de cara al futuro....
- A modo de conclusión

Políticas, Estrategias, Iniciativas.....

Global

UE

UNITED NATIONS
PARIS CLIMATE AGREEMENT
ENTRY INTO FORCE
— 4 NOVEMBER 2016 —



United Nations
Framework Convention on
Climate Change

SUSTAINABLE DEVELOPMENT GOALS



Habitat III
QUITO - OCTOBER 2016

United Nations Conference on Housing and Sustainable Urban Development

Our vision: Climate neutral Europe by 2050

CIRCULAR ECONOMY

Closing the loop

AN AMBITIOUS EU CIRCULAR ECONOMY PACKAGE

SET PLAN



EU PLASTICS STRATEGY



España

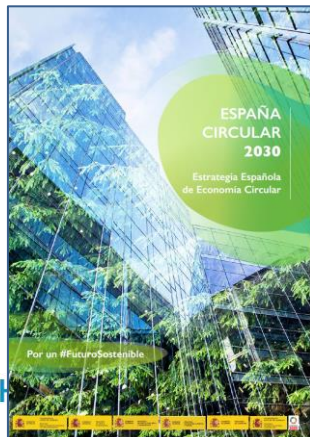


WATER IS A FINITE PRECIOUS RESOURCE

Smart Mobility
and Services



Roadmaps



ESPAÑA
CIRCULAR
2030

Estrategia Española
de Economía Circular

Por un #FuturoSostenible

@Esl



Estrategia española
de Bioeconomía
Horizonte 2030

PLAN NACIONAL INTEGRADO DE ENERGÍA Y CLIMA
2021-2030

URBAN
AGENDA
FOR THE EU

Plan Nacional de Adaptación
al Cambio Climático
2021-2030



.....y
otras

EU Green Deal

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¿Dónde estamos?



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¿Dónde estamos?



Prioridades de la CE (2019-2024)



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https://ec.europa.eu/info/priorities_en

What is the European Green Deal?

December 2019
#EUGreenDeal

The European Green Deal is about **improving the well-being of people**. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy. No one will be left behind.

The EU will:



Become climate-neutral by 2050



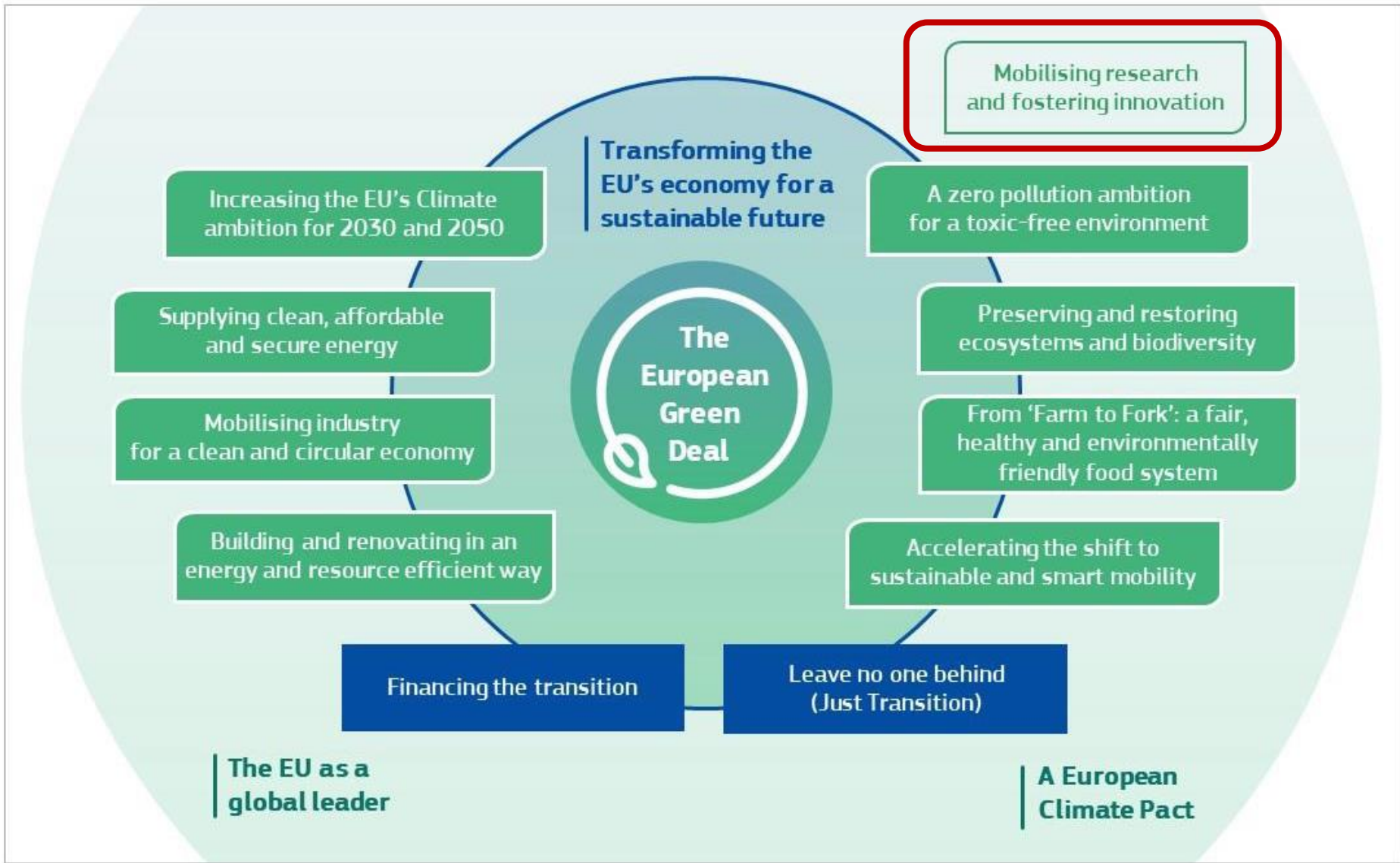
Protect human life, animals and plants, by cutting pollution

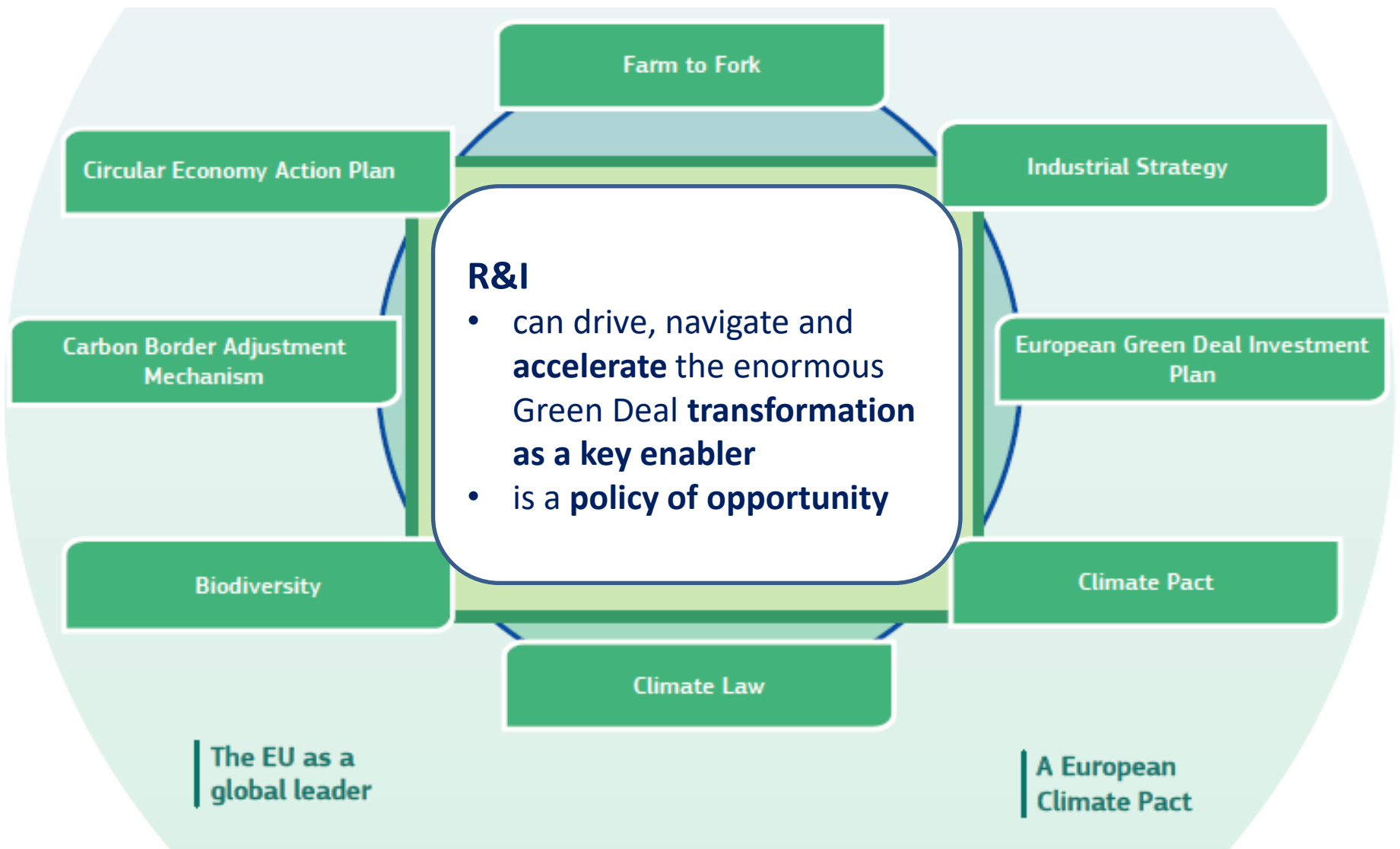


Help companies become world leaders in clean products and technologies



Help ensure a just and inclusive transition





EU Green Deal Timeline

○ 14 October 2020

- [Renovation wave](#)
- [Methane Strategy](#)
- [Chemicals strategy for sustainability](#)

**Roadmap – Key Actions
(2020 - 2021)**

○ 17 September 2020

Presentation of the [2030 Climate Target Plan](#)

○ 08 July 2020

Adoption of the [EU strategies for energy system integration and hydrogen](#) to pave the way towards a fully decarbonised, more efficient and interconnected energy sector

○ 20 May 2020

Presentation of the [EU Biodiversity Strategy for 2030](#) to protect the fragile natural resources on our planet

○ 20 May 2020

Presentation of the '[Farm to fork strategy](#)' to make food systems more sustainable

○ 11 March 2020

Proposal of a [Circular Economy Action Plan](#) focusing on sustainable resource use

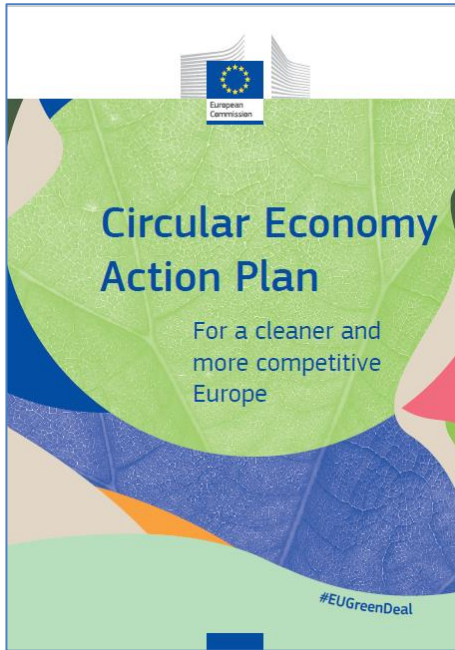
○ 10 March 2020

Adoption of the [European Industrial Strategy](#), a plan for a future-ready economy

○ 4 March 2020

Proposal for a [European climate law](#) to ensure a climate neutral European Union by 2050
Public consultation (open until 17 June 2020) on the [European Climate Pact](#) bringing together regions, local communities, civil society, businesses and schools

¿Dónde estamos?

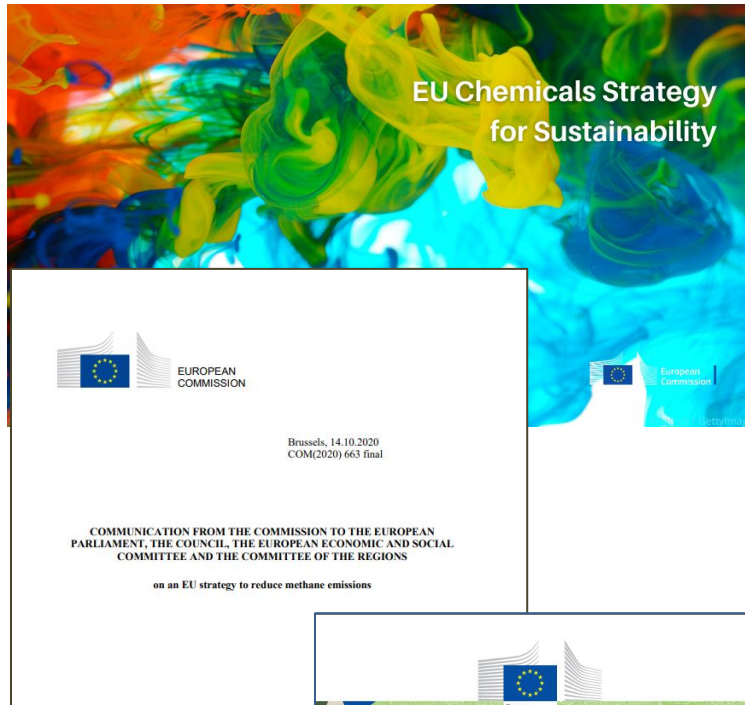


European Commission

Circular Economy Action Plan

For a cleaner and more competitive Europe

#EUGreenDeal



EU Chemicals Strategy for Sustainability

EUROPEAN COMMISSION

Brussels, 14.10.2020
COM(2020) 663 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

on an EU strategy to reduce methane emissions



European Commission

The European Climate Law

March 2020
#EUGreenDeal

The European Climate Law will transform political promises into a binding legal obligation, and send a strong political signal to our partners and business. It will write our climate neutrality target for 2050 into law, and propose the path to get there. It will give European citizens and businesses the predictability, transparency and accountability which they need for this collective transformation.



Building a climate neutral Europe

#EUGreenDeal

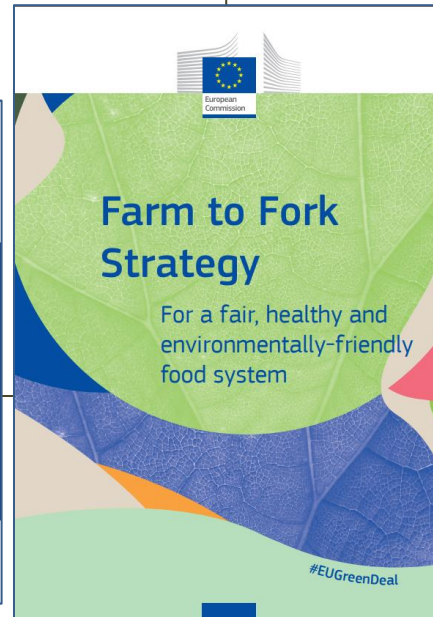


European Commission

A EUROPEAN INDUSTRIAL STRATEGY

A new Industrial Strategy for a globally competitive, green and digital Europe

March 2020
#EUIndustrialStrategy



European Commission

Farm to Fork Strategy

For a fair, healthy and environmentally-friendly food system

#EUGreenDeal



European Commission

EU BIODIVERSITY STRATEGY

Bringing nature back into our lives



"Making nature healthy again is key to our physical and mental wellbeing and is an ally in the fight against climate change and disease outbreaks. It is at the heart of our growth strategy, the European Green Deal, and is part of a European recovery that gives more back to the planet than it takes away."

Ursula Von der Leyen, President of the European Commission

Qué hay en H2020?



HORIZON 2020

EU Research and Innovation
Framework Programme (2014-2020)

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H2020 - EU Green Deal Call (GDC)*

- NEW / additional **call – H2020**
- Projects.- To deliver **tangible and visible results relatively quickly** and show how **R&I** can provide **concrete solutions** to achieve EU GD objectives.
- **Call will support.-**
 - pilot applications, demonstration projects and innovative products
 - innovation for better governance of the green and digital transition
 - social and value chain innovation
- Budget.- **€ 1,000 million** (aprox.)



H2020 - EU Green Deal Call (GDC)

Structure

Area 1 :
Increasing climate ambition:
cross-sectoral challenges

(3 topics)

Area 2:
Clean, affordable and secure energy

(3 topics)

Area 3:
Industry for a clean and circular economy

(2 topics)

Area 4:
Energy and resource-efficient buildings

(1 topic)

Area 5:
Sustainable and smart mobility

(1 topic)

Area 6:
Farm to Fork

(1 topic)

Area 7:
Restoring biodiversity and ecosystem services

(1 topic)

Area 8:
Zero-pollution, toxic-free environment

(2 topics)

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

(3 topics)

Area 10: Empowering citizens for transition towards a climate neutral, sustainable Europe (3 topics)

EU Green Deal

- Dónde estamos???
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EU BUDGET FOR THE FUTURE

#EUBudget #EURoad2Sibiu #FutureofEurope



2 May 2018

SUSTAINABILITY, ENVIRONMENT PROTECTION AND FIGHT AGAINST CLIMATE CHANGE

**Multiannual
Financial
Framework
(2021-2027),
EC proposal**

MEANING IN FINANCIAL TERMS?????

To implement the Paris Agreement and the commitment to the United Nations Sustainable Development Goals, the Commission proposes to raise the level of ambition for climate mainstreaming across all EU programmes, with a target of at least 25% of EU expenditure contributing to climate objectives.

EU Green Deal

- Dónde estamos???
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 - I + D + I = Horizonte Europa
 - Otros programas (algunos ejemplos)
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Horizon Europe

THE NEXT EU RESEARCH & INNOVATION INVESTMENT PROGRAMME (2021-2027)

Information based on the EC proposal for Horizon Europe, the *Common Understanding* among the co-legislators and the *Partial General Approach*, both approved on April 2019.

NOTHING IS YET APPROVED!!!

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Pleased to hear Commissioner-designate @GabrielMariya defending a strong and ambitious budget for #HorizonEU at #EPhearings2019. As she underlined: 'this is an investment and not a spending'

See more: bit.ly/2kKOI7h & bit.ly/2kiDbM7
#MakeEUinnovative



Copyright © European Union 2019 - Source: EP

Mariya Gabriel and 3 others

11:46 AM · Oct 1, 2019 · Twitter Web App

#HorizonEU: Vision



A sustainable, fair and **prosperous** future for **people** and **planet** based on European values.

- Tackling **climate change** (35 % budgetary target)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's **competitiveness and growth**



HE - First Work Programme



Orientations towards the first Strategic Plan for Horizon Europe

(https://ec.europa.eu/info/sites/info/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_rtd_orientations-he-strategic-plan_122019.pdf)

Legislative Package
2021-2027

Strategic Plan
2021-2024

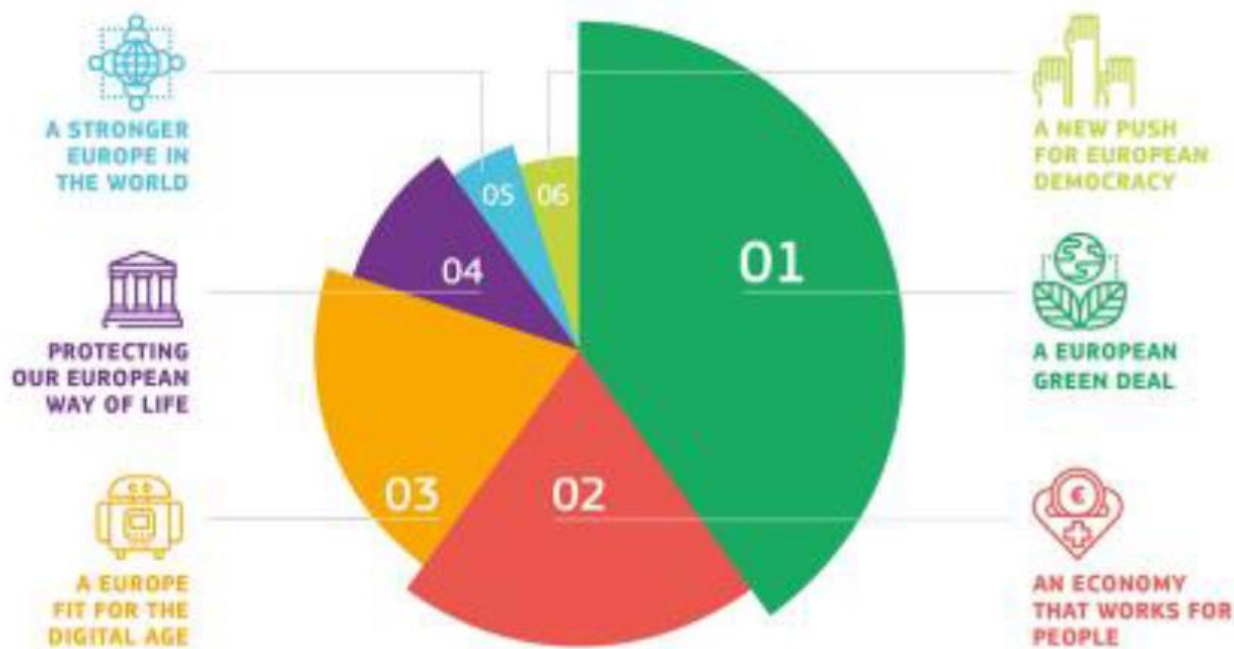
Work Programme
2021-2022

Calls for
Proposals

PGAs (Abril/2019)

- Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing **Horizon Europe - the Framework Programme for Research and Innovation, laying down its rules for participation and dissemination** – Common understanding understanding (<https://www.consilium.europa.eu/media/38902/st07942-en19.pdf>)
- Proposal for a DECISION OF THE COUNCIL on establishing the **specific programme implementing Horizon Europe - the Framework Programme for Research and Innovation - Partial General Approach** (<https://data.consilium.europa.eu/doc/document/ST-7911-2019-INIT/en/pdf>)

Distribution of Horizon Europe impacts supporting the Political Guidelines



* Preliminary, as described in the General orientations towards first Strategic Plan implementing Horizon Europe

Specific objectives

Support the creation and diffusion of high-quality knowledge

Strengthen the impact of R&I in supporting EU policies

Foster all forms of innovation and strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



Pillar 1
Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



Pillar 2
Global Challenges and European Industrial Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



Pillar 3
Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

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Pillar 1
Excellent Science

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Pillar 2
Global Challenges and European Industrial Competitiveness

- Clusters
- Health
 - Culture, Creativity and Inclusion
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



Pillar 3
Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

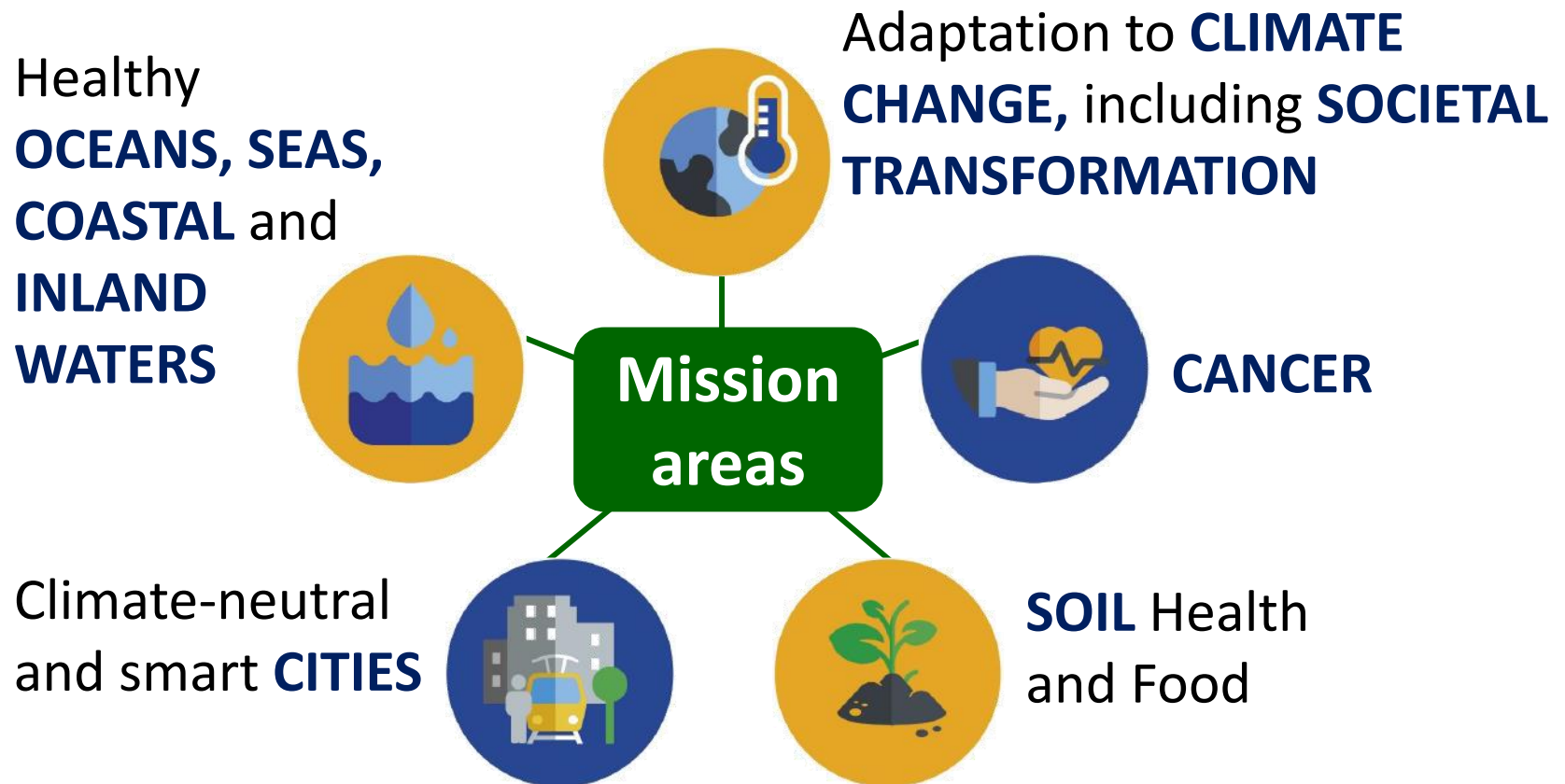
Reforming and Enhancing the European R&I system

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Missions in Horizon Europe



https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/missions-horizon-europe_en

Common for all European Partnerships

- **Strategic orientation:** to make a considerable contribution to achieving EU policy priorities (e.g. Green deal, Europe fit for digital age) and related strategies (e.g. Circular Economy Action Plan)
- **Common set of criteria** along their life-cycle, defined in the Horizon Europe regulation Article 8 & Annex III.
- **Key conditions for launching a partnership:**
 - Ex-ante demonstration of **directionality** (partner's common strategic vision, underpinned by Strategic Research and Innovation Agenda/Roadmap)
 - Ex-ante demonstration of **additionality** (long-term commitment from partners to mobilise and contribute resources and investments)
- **Annual Work Programme:** translation of Roadmap/SRIA into annual priorities and activities
- **Systemic approach:** portfolio of activities that goes beyond collaborative R&I projects
- ➔ **The main differences are in the legal form and implementation, with the Co-programmed being the most simple, and the Institutionalised the most complex.**

EU Green Deal

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 - Otros programas (algunos ejemplos)
- A modo de conclusión

LIFE (2014 – 2020)



- The LIFE programme is the **EU's funding instrument for the environment and climate action** created in 1992.
- The general objective of LIFE is to contribute to the **implementation, updating and development** of EU environmental and climate policy and legislation by co-financing projects with European added value.
- Now...the LIFE programme is divided in **two sub-programmes**, one for **environment** (representing 75% of the overall financial envelope) and one for **climate change** (representing 25% of the envelope).

LIFE Programme



LIFE close-to-market projects.-

- LIFE helps **companies** bring their green products, technologies, services and processes to the market.
- These **close-to-market projects** launch innovative, demonstrative solutions that offer clear environmental and/or climate benefits, (e.g. waste management, the circular economy, resource efficiency, water, air or climate change mitigation).
- These projects also have a **high level of technical and business readiness**. Solutions could be implemented in close-to-market conditions (at industrial or commercial scale) during the course of the project or shortly after its completion.

LIFE (2021 – 2027)*



- LIFE will be the only EU funding programme dedicated exclusively to **environment, climate and energy**.
- LIFE will contribute to:
 - The shift towards a **circular, energy-efficient, renewable energy-based, climate-neutral and resilient economy**;
 - The **protection and improvement of the quality of the environment**;
 - **Halting and reversing biodiversity loss and tackling the degradation of ecosystems**.

***Provisional agreement** on funding for the environment and climate action (13/March/2019)

https://ec.europa.eu/commission/presscorner/detail/en/IP_19_1434

<https://ec.europa.eu/easme/en/news/have-your-say-new-life-programme-consultation-launched>



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LIFE en España

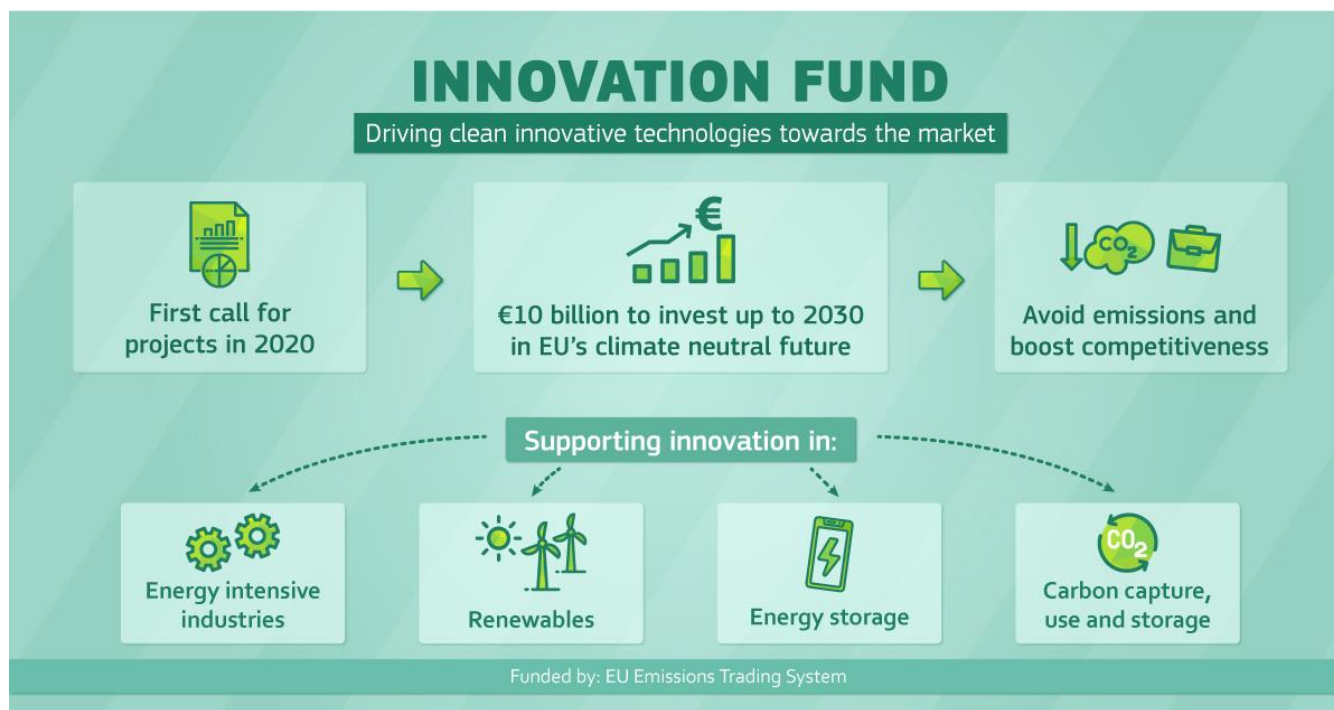


- **Ministerio de Transición Ecológica y el Reto Demográfico (MITERD):**
<https://www.miteco.gob.es/es/ministerio/servicios/ayudas-subvenciones/programa-life/default.aspx>
- **Punto de Contacto Nacional:**
 - Mail: bnz-life@mapama.es
 - Teléfonos de contacto:
91 535 81 36 / 91 396 90 26 / 91 535 70 19 / 91 535 83 13

<https://www.miteco.gob.es/es/ministerio/servicios/ayudas-subvenciones/programa-life/jornadas-seminarios/Default.aspx>

Innovation Fund

- One of the world's largest funding programmes for **demonstration of innovative low-carbon technologies.**



- **Key funding instrument** recognized in the EU Green Deal Investment Plan.

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https://ec.europa.eu/clima/policies/innovation-fund_en

Innovation Fund en España

- **Oficina Española de Cambio Climático (OECC)** -
Ministerio para la Transición Ecológica y el Reto
Demográfico
 - Mail: Bzn-fondoinnovacion@miteco.es

Recovery and Resilience Facility

- The **€672.5 billion** facility is at the heart of the EU's extraordinary recovery effort, **Next Generation EU (NGEU)**: the €750 billion plan agreed by EU leaders in July 2020.
- RRF will help member states **address the economic and social impact** of the COVID-19 pandemic **whilst** ensuring that their economies **undertake the green and digital transitions, becoming more sustainable and resilient.**
- In order to receive support from the Recovery and Resilience Facility, **member states must prepare national recovery and resilience plans** setting out their reform and investment agendas until 2026.

Recovery and Resilience Facility



How will the money be used?

Funds disbursed to member states are based on **national recovery and resilience plans**, which include reforms and public investment projects. Plans must:



align with EU priorities

boost **growth, job creation** and economic & social **resilience**



support the green transition

at least **37%** of resources contribute climate action and environmental sustainability



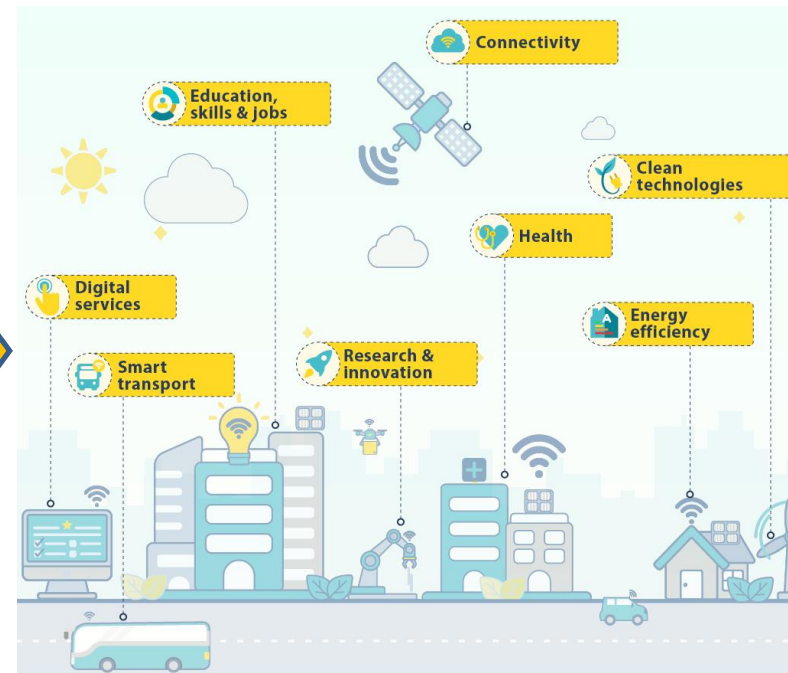
reflect country-specific challenges

in line with **European Semester** country-specific recommendations



foster digital transformation

at least **20%** of resources contribute to the EU's digital transition



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Algún mensaje....

- EU Green Deal es una de las prioridades de la CE/UE.
- “Roadmap” integrado por acciones en distintas áreas.
- Varias estrategias y Planes de Acción ya en marcha.
- Distintos programas / instrumentos / oportunidades....todos ellos alineados con las prioridades/políticas de la UE.
- Investigación e Innovación son claves para dar respuestas/soluciones a los desafíos que plantea el GD.
- I+D+I en aspectos tecnológicos pero también en sostenibilidad (ambiental, social y económica), salud, seguridad, gobernanza y modelos de negocio y explotación.

Aprovechemos las oportunidades!!!!!!



DISCLAIMER



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+ info sobre programas y ayudas
para la
internacionalización de la I+D+I española

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