European Commission

HORIZON EUROPE'S NEXT-GENERATION EUROPEAN PARTNERSHIPS

... and their contribution to a greener and more digital Europe

EUROPE FACES UNPRECEDENTED CHALLENGES

- CLIMATE CHANGE
- GLOBAL COMPETITION FOR TECHNOLOGICAL LEADERSHIP
- ACCELERATING BIODIVERSITY LOSS
- EXTERNAL SHOCKS AND CRISIS SUCH AS COVID-19
- STRAINED HEALTHCARE SYSTEMS AND AGEING EUROPEAN POPULATION
- 7.4% — **FALL** EU GDP forecast for 2020
- US EU 40% — **LESS EUROPEAN PUBLIC INVESTMENT** in R&D in digital technologies compared to the US

Addressing all of these implies solutions at a larger scale with EU-level coordination, which is

WHAT PARTNERSHIPS ARE ALL ABOUT.

EU investment strategies for a **GREEN, RESILIENT** and **COMPETITIVE EUROPE** will be game-changing. European Partnerships are critical to accelerate the green and digital transitions that Europe needs.

The EU will team up with Member States and industry in a partnership to develop a **SHARED LONG-TERM VISION** and to co-invest in **SOLUTIONS**. ①

Many transitions / challenges require EU-wide **COORDINATION** and **SYSTEMIC SOLUTIONS**. ②

HORIZON 2020

- **EU INVESTMENT** of **€1**
- + **€2.31** invested by **PARTICIPATING COUNTRIES**

DID YOU KNOW?

European Partnerships are initiatives where the EU, together with private and public partners, commit to jointly support the development and implementation of a programme of research and innovation activities. The partners could represent industry, universities, research organisations, bodies with a public service remit at local, regional, national or international level or civil society organisations, including foundations and NGOs. Partnerships are not new – they were first introduced in 2002 as part of the European Research Area to overcome fragmentation of research effort.

European Partnerships under Horizon Europe will be drivers of green and digital transitions

WHY ARE PARTNERSHIPS NEEDED?

①

THEY BRING TOGETHER KEY ACTORS FROM ACROSS SECTORS TO JOINTLY IMPLEMENT R&I ROADMAPS.

EXAMPLE

Photonics21 has developed a roadmap for European photonics for 2020-2027 with more than 1700 companies and research organisations across Europe.

②

THEY CREATE CRITICAL SCALES OF INVESTMENT TO DEMONSTRATE RADICALLY NEW INNOVATIONS ACROSS EUROPE.

EXAMPLE

The proposed partnership on clean hydrogen aims to roll-out hydrogen technologies at scale... building on the Fuel Cells and Hydrogen Joint Undertaking's successful demonstration of zero-emission fuel cell buses and refuelling infrastructure.

NEXT-GENERATION EUROPEAN PARTNERSHIPS STEP UP THEIR AMBITION WITH CLEAR TARGETS BY 2030.

They will support the achievement of EU policy objectives, for example...

EUROPEAN GREEN DEAL

Transport and aviation solutions

- to decarbonise transport, buildings, and industry
- technologies for the next-generation disruptive clean aircraft

Biodiversity / circular economy

- provide actionable knowledge to stop biodiversity loss
- transition to circular economy in collaboration with European industry and regions

A EUROPE FIT FOR THE DIGITAL AGE

- demonstrate **smart mobility services**

- provide key digital technologies that underpin the **digital transformation** of all sectors of the economy and society
- **AI, data** and **robotics** technologies compatible with EU values

AN ECONOMY THAT WORKS FOR PEOPLE

- new **skills**, types of **jobs** and **business** development
- secure **global leadership** and **autonomy** in key areas such as ICT and metrology

- solutions for **sustainable healthcare** systems in Europe
- new **diagnostics, vaccines** and **treatments**

YOU CAN TEAM UP WITH A EUROPEAN PARTNERSHIP TO MAKE THE GREEN AND DIGITAL TRANSITIONS HAPPEN!

GET INVOLVED AND FIND OUT MORE ABOUT THE CURRENT 49 CANDIDATES

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Research and Innovation

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