



Horizon 2020

Climate Action, Environment, Resource efficiency
and Raw materials

Work Programme 2018-2020



PRAXI Network

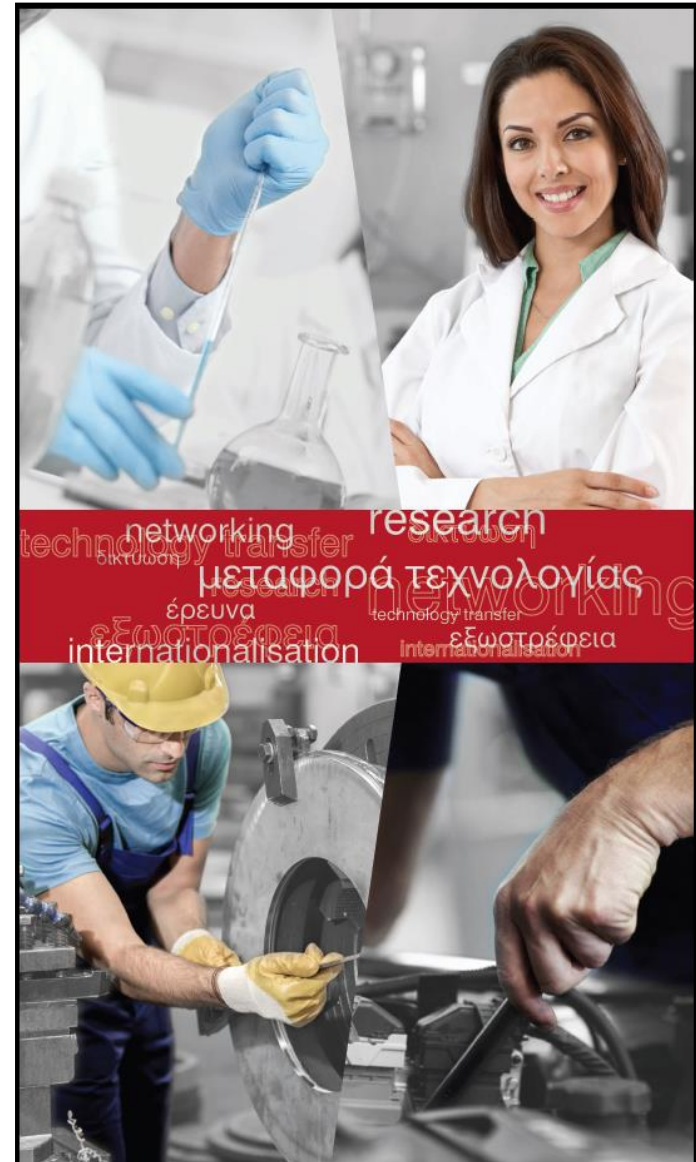
- › Unit of Foundation for Research and Technology Hellas
- › Founded in 1991 as an initiative to bridge the gap between research and industry (FORTH, SEV, SBBE)
- › Employs more than 30 people with research, business and consulting background
- › Offers technology transfer services to SMEs and Research organisations



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PRAXI Network as National Contact Point

- ✓ Legal & Financial Aspects
- ✓ SMEs
- ✓ Access to Finance
- ✓ Nanotechnologies, advanced materials and advanced manufacturing and processing (NMP)
- ✓ Space
- ✓ Climate action, environment, resource efficiency and raw materials
- ✓ Smart, green and integrated transport
- ✓ Secure societies - protecting freedom and security of Europe and its citizens
- ✓ Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- ✓ Spreading excellence and widening participation



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Horizon 2020



2007-2013

2014-2020

Funding tool of the Commission

➤ 77 billion euros for Research and Innovation



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The 3 pillars of Horizon 2020



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Societal Challenges in Horizon 2020

The EC has identified and prioritized 7 Societal Challenges

- Targeted investment on research and innovation for the interest of the society and European citizens
- 1. Health, demographic change and wellbeing;
- 2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the Bioeconomy;
- 3. Secure, clean and efficient energy;
- 4. Smart, green and integrated transport;
- 5. Climate action, environment, resource efficiency and raw materials;
- 6. Europe in a changing world - inclusive, innovative and reflective societies;
- 7. Secure societies - protecting freedom and security of Europe and its citizens.



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Rules for Participation

- ✓ *"The proposal content corresponds, wholly or in part, to the topic description against which it is submitted, in the relevant work programme part."*
- ✓ The proposal must be in line with the eligibility conditions depending on the action:

Type of Action	Eligibility Conditions
Research & Innovation Action	✓ At least 3 legal entities ✓ Each from different MS or H2020 associated country
Innovation Action	✓ Entities independent from each other
Coordination & Support Action	✓ At least 1 legal entity from MS H2020 associated country
SME Instrument	✓ At least one SME



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Societal Challenges in Horizon 2020

Societal Challenge 5-Climate Action

› **Climate action, environment, resource efficiency and raw materials**

*The 20th century's era of seemingly **plentiful and cheap** resources is coming to an end. The ability of the economy to **adapt** and become more **climate change resilient**, **resource efficient** and at the same time remain **competitive** depends on high levels of eco-innovation, of a societal, economic, organizational and technological nature.*



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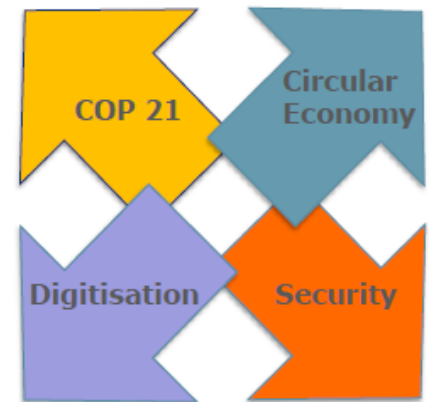


Formulation of the Work Programme 2018-2020

Challenge-based approach, with **big high-impact calls** and **broader topics**, each supporting a balanced portfolio of projects

Focus areas:

- Building a low-carbon, climate resilient future
- Connecting economic and environmental gains – the Circular Economy
- Digitising and transforming European industry and services
- Boosting the effectiveness of the Security Union



- **Making research and innovation more visible** through communication, open access to research results, new emphasis on data management



Source: EC, SC5 Infoday 2017 & SC5 Infoday 2018



Formulation of the Work Programme 2018-2020

The Societal Challenge 5 policy context

• Global

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR GOALS

PARIS CLIMATE AGREEMENT
SIGNING CEREMONY
22 APRIL 2016

GEOS
Global Earth Observation System of Systems

UNISDR
The United Nations Office for Disaster Risk Reduction

United Nations Framework Convention on Climate Change

HABITAT III
QUITO 10-20 OCTOBER 2016

UN World Conference on Disaster Risk Reduction
2015 Sendai Japan

• European

URBAN AGENDA FOR THE EU

2030 FRAMEWORK FOR CLIMATE ENERGY
#EU2030

#DigitalSingleMarket

EIP Water
Boosting opportunities – Innovating water

2018 EUROPEAN YEAR OF CULTURAL HERITAGE
#EuropeForCulture

European Innovation Partnership on Raw Materials

GEOS
EuroGEOS
A EUROPEAN APPROACH TO GEOS



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Source: EC, SC5 Infoday 2018



Societal Challenge 5: Climate action, environment, resource efficiency and raw materials

Work Programme 2018-2020

Focus:

- ✓ moving to a greener, more resource efficient and climate-resilient economy in sync with the natural environment
- ✓ demonstrating a strong commitment to supporting the UN's Sustainable Development Goals (SDGs) and the targets of the COP21 Paris Agreement

2 multiannual calls:



"Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement"

"Greening the economy in line with the Sustainable Development Goals (SDGs)"

- Total indicative budget 2018-2020: €1.1bn
- budget for 2019: €387.5m

Call "Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement"

- ✓ **Decarbonisation**
 - ✓ **Climate adaptation, impacts and services**
 - ✓ ***Inter-relations between climate change, biodiversity and ecosystem services***
 - ✓ ***The Cryosphere***
 - ✓ **Knowledge gaps [in 2020]**
 - ✓ ***Earth observation [in 2020]***
- **Budget in 2019: €116 million**





Call "Greening the economy in line with the Sustainable Development Goals (SDGs)"

- ✓ **Connecting economic and environmental gains - the circular economy**
- ✓ **Raw materials**
- ✓ **Water for our environment, economy and society**
- ✓ **Innovating cities for sustainability and resilience**
- ✓ **Protecting and leveraging the value of our natural and cultural assets: Earth observation; nature-based solutions, disaster risk reduction and natural capital accounting; heritage alive**

➤ **Budget in 2019:** €256.1 million



Climate Action: Work Programme 2018-2020

**2019 topics open:
14 Nov 2018**

**Call deadlines:
19 Feb 2019 (single/first stage)
4 Sep 2019 (second stage)**



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Climate Action: Work Programme 2018-2020

Call (2019) - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

Indicative topics for 2019

- **LC-CLA-02-2019:** Negative emissions and land-use based mitigation assessment (RIA)
- **LC-CLA-05-2019:** Human dynamics of climate change (RIA)
- **LC-CLA-06-2019:** Inter-relations between climate change, biodiversity and ecosystem services (RIA)



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Climate Action: Work Programme 2018-2020

Call (2019) - Greening the economy in line with the Sustainable Development Goals (SDGs)

Indicative topics for 2019

- **CE-SC5-04-2019:** Building a water-smart economy and society (IA)
- **SC5-14-2019:** Visionary and integrated solutions to improve well-being and health in cities (IA)
- **SC5-20-2019:** Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration (IA)



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Horizon 2020 SC5 Climate Action 2018 Information Day - calls 2019



Information Day and Brokerage Event

11-12 September, Brussels

More information:

<https://ec.europa.eu/easme/en/2018-information-day-calls-2019>

(All presentations and webstreams are available)



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Participant Portal:

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure **funding** for projects under the following EU programmes:

- 2014-2020 Horizon 2020 - research and innovation framework programme
- 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme

Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission

WHAT'S NEW? FUNDING OPPORTUNITIES HOW TO PARTICIPATE WORK AS AN EXPERT MY PERSONAL AREA INFORMATION AND SUPPORT

HORIZON 2020 RESEARCH ON EUROPA COSME CLAF

- Funding Opportunities
- Rules for participation
- Support



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RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding Opportunities

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT ▾

Search PP



LOGIN



REGISTER

EU Programmes 2014-2020

Search Topics

Call Updates



Calls



H2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme



Funding Opportunities

H2020 ONLINE MANUAL

Find the European Union funding opportunities and search for new or closed calls of the programmes described on this page.

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COSME

Programme for the Competitiveness of Enterprises and SMEs (COSME) will run from 2014 to 2020, with a planned budget of €2.3bn. It will facilitate SME access to finance, create supportive environment for business creation, help small businesses operate outside their home countries and improve their access to markets.



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EU Programmes 2014-2020

Search Topics

Updates  


Calls  

- H2020
- 3rd Health Programme
- Asylum, Migration and Integration Fund
- Consumer Programme
- COSME
- European Statistics Programme
- Hercule III Programme
- Internal Security Fund - Borders
- Internal Security Fund - Police

✕
 • The Participant Portal Grant and Expert Management Services will be unavailable **Tuesday, 18.09.2018, between 07:30 and 08:10 CET.**

We apologise for any inconvenience this may cause.

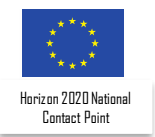
Calls for Proposals


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[Advanced search for topics](#)
[Calls for tenders on TED](#)

- Innovation in SMEs
- Societal Challenges**
- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials**
- Europe's digital transformation

Status
 Calls with forthcoming topics
 Calls with open topics
 Calls with only closed topics

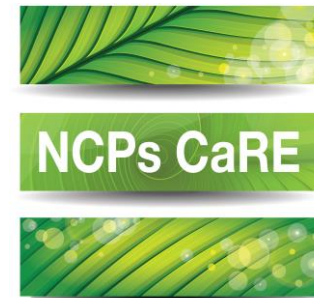




NCPs CaRE project
<http://www.ncps-care.eu>

Network of National Contact Points

- › Information and networking events
- › Support in partner search



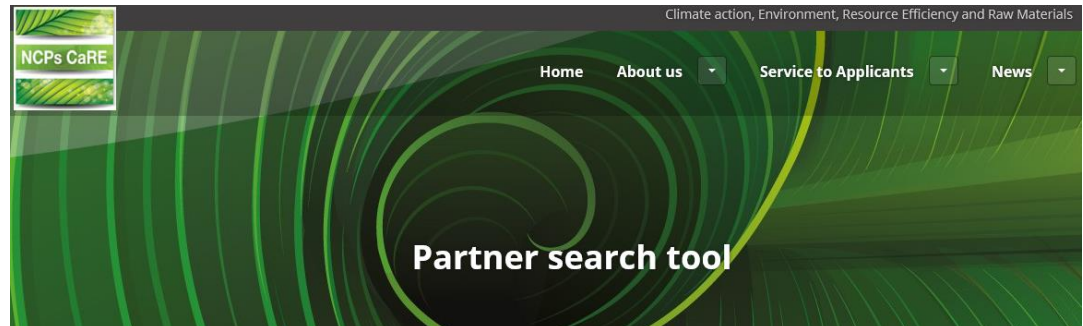
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NCPs CaRE – Partner search tool

Register on the online platform to:

- ✓ Create partnership profiles
- ✓ Search collaboration opportunities



Search

Phrase:

Type of Calls:
Open Calls

Categories:
choose all

Sub-Categories:
please choose a category

Topics:
please choose a subcategory

Partner Login

Username (E-Mail address):

Password:

- [Registration](#)
- [Password lost?](#)



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What can PRAXI Network do for you as an NCP?

➤ Information

- We disseminate general information on the funding opportunities in H2020
- We organize info-days and seminars
- We disseminate partner searches to our clients from consortia around the world
- We disseminate the information on planned info-days, seminars and workshops organised in Greece and abroad



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What can PRAXI Network do for you as an NCP?

➤ Provision of support, consulting and training

- Look for the right call
- Rules and procedures for participation
- Evaluation Criteria
- Horizontal issues (e.g. innovation management, commercialization, IPR, legal and financial issues)



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What can PRAXI Network do for you as an NCP?

› Mediation

- With the appropriate members of the Commission responsible for the respective thematic area
- For partner searches to create the best consortia
- With NCPs and partners around the world to promote client profiles
- To signpost you to the right experts for specialized issues outside our scope/expertise





Next Framework Programme on Research and Innovation-FP9



Horizon Europe

- In preparation phase
- Will cover the period 2021-2027
- Indicative budget: 100 billion euros
- EU proposition is now public

➤ For more information, visit the site of EU

[Horizon Europe - the next research and innovation framework programme](#)



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Thank you for your attention

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