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CONVOCATORIAS 2020 RETO SOCIAL 5

Acción por el clima, medioambiente, eficiencia de los recursos y materias primas

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PNC Reto Social 5



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Portal español del Programa Marco de Investigación e Innovación de la Unión Europea

@EsHorizonte2020

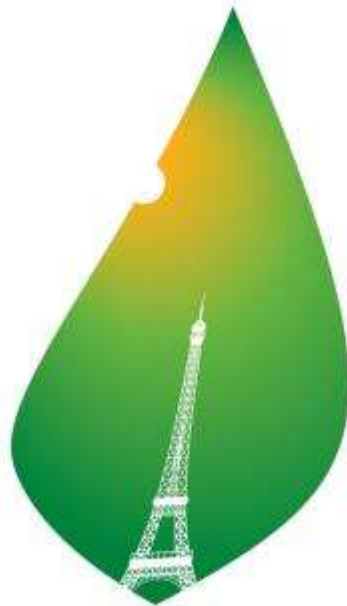
CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

HORIZONTE 2020, 75 000 M€ PARA I+D+I

HORIZONTE 2020		74.828
I. Prioridad «Ciencia excelente»		24.232
1. El Consejo Europeo de Investigación (CEI)		13.095
2. Las Tecnologías Futuras y Emergentes (FET)		2.585
3. Las acciones Marie Skłodowska-Curie		6.162
4. Las infraestructuras de investigación		2.390
II. Prioridad «Liderazgo industrial»		16.466
1. Liderazgo en tecnologías industriales y de capacitación:		13.035
1.1 Tecnologías de la información y la comunicación (TIC)		7.423
1.2 Nanotecnologías, 1.3 Materiales avanzados y 1.5 Fabricación y transformación avanzadas		3.741
1.4 Biotecnología		501
1.6 Espacio		1.403
2. Acceso a la financiación de riesgo		2.842
3. Innovación en las PYME		589
III. Prioridad «Retos de la sociedad»		28.630
1. Salud, cambio demográfico y bienestar		7.257
2. Seguridad alimentaria, agricultura y silvicultura sostenibles, investigación marina, marítima y de aguas interiores y Bioeconomía		3.708
3. Energía segura, limpia y eficiente		5.688
4. Transporte inteligente, ecológico e integrado		6.149
5. Acción por el clima, medio ambiente, eficiencia de los recursos y materias primas		2.956
6. Europa en un mundo cambiante – Sociedades inclusivas, innovadoras y reflexivas		1.258
7. Sociedades seguras – Proteger la libertad y la seguridad de Europa y de sus ciudadanos		1.613
IV. Difundir la excelencia y ampliar la participación		816
V. Ciencia con y para la sociedad		445
VI. Acciones directas no nucleares del Centro Común de Investigación (JRC)		1.856
VII. Instituto Europeo de Innovación y Tecnología (EIT)		2.383



GRANDES OBJETIVOS A NIVEL GLOBAL



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



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OTRAS POLÍTICAS- NIVEL GLOBAL



UN World Conference on
Disaster Risk Reduction
2015 Sendai Japan



United Nations
Framework Convention on
Climate Change



UNISDR
Oficina de las Naciones Unidas para la Reducción
del Riesgo de Desastres

OTRAS POLÍTICAS- NIVEL EUROPEO



EIP Water

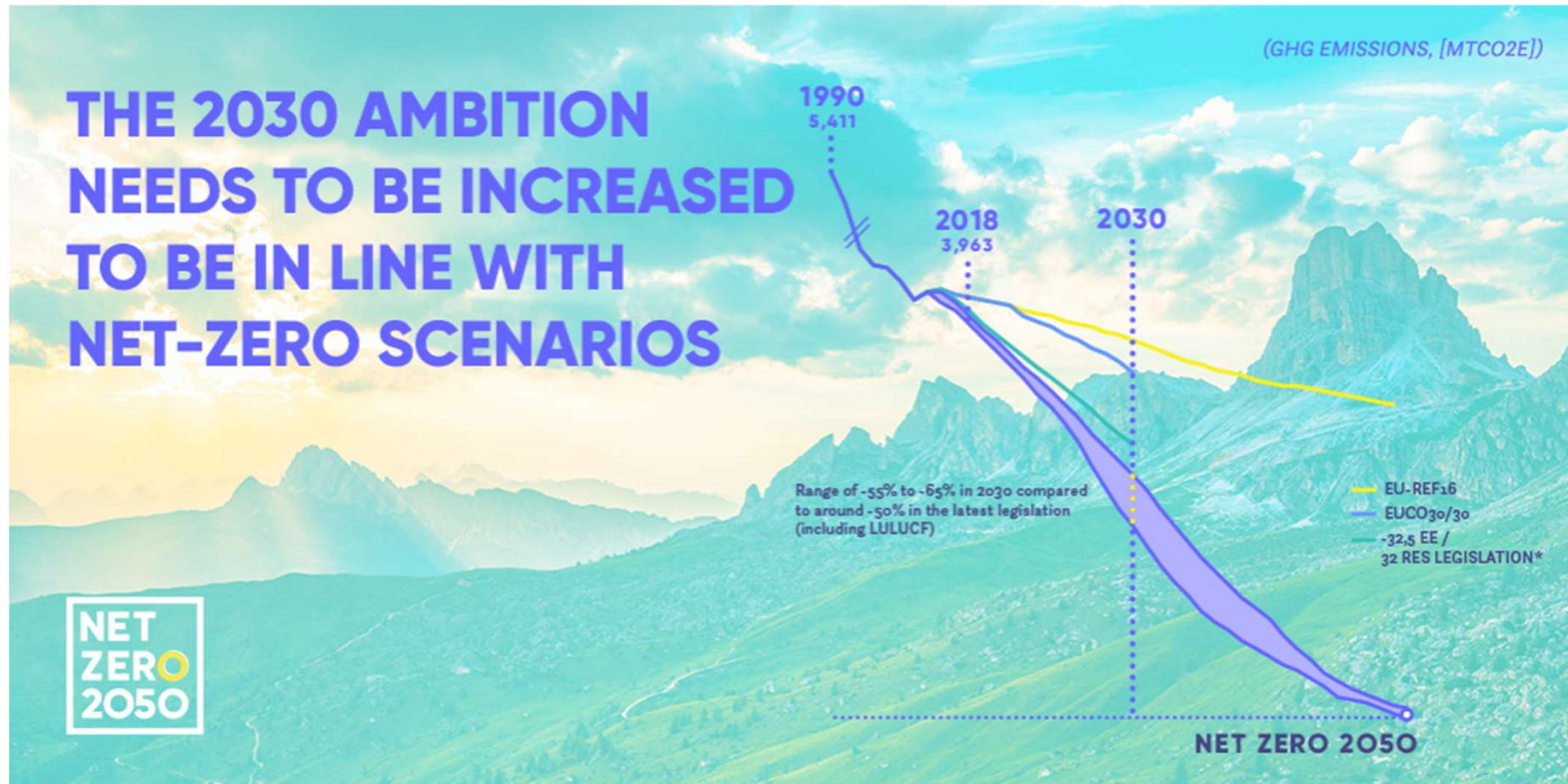
Boosting opportunities – Innovating water



LA COP21



LA COP21



LA COP21

-55%

Los SDGs- LAS FOCUS AREAS

LOW CARBON



GREENING THE ECONOMY



FULL, FREE AND OPEN
ACCESS TO DATA



-  ATMOSPHERE MONITORING
-  MARINE ENVIRONMENT MONITORING
-  LAND MONITORING
-  CLIMATE CHANGE
-  EMERGENCY MANAGEMENT
-  SECURITY

 **opernicus**
Europe's eyes on Earth

ACCESO A LOS DATOS

Conventional Data Access Hubs

The vast majority of data and information delivered by the Copernicus space infrastructure and the Copernicus services are made freely available and accessible to any citizen and any organisation around the world.

Copernicus provides knowledge, but it all starts with data.



ACCESO A LOS DATOS

THE DIAS-Data and Information Access Services

CREODIAS

WWW.CREODIAS.EU

sobloo

WWW.SOBLOO.EU

mundi
WEB SERVICES

WWW.MUNDIWEBSERVICES.COM

ONDA

WWW.ONDA-DIAS.EU

WEKEO
BY CDTI

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ACCESO A LOS DATOS

Welcome to the Climate Data Store

Dive into this wealth of information about the Earth's past, present and future climate.

It is freely available and functions as a one-stop shop to explore climate data. [Register for free](#) to obtain access to the [CDS](#) and its [Toolbox](#).

We are constantly improving the services and adding new datasets. For more information, please consult the [catalogue](#), our [FAQ](#) or the [CDS forum](#).

[All](#)[Search](#)

Climate Data Store [Toolbox](#)



Climate Data Store [API](#)



Access the [CDS Forum](#)



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ESTRUCTURA WP 2018-2020

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

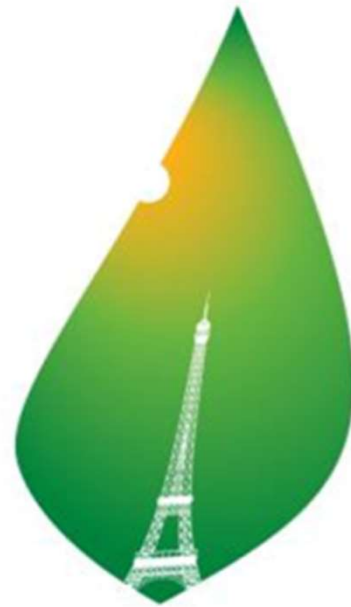
- Decarbonization
- Climate adaptation, impacts and services
- Inter-relation between climate change, biodiversity and ecosystem services
- The Cryosphere
- Knowledge gaps
- Earth observation

Contribution to “Competitive, Low Carbon and Circular Industries”

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
- Earth observation
- Nature-based solutions, disaster risk reduction and natural capital accounting
- Heritage alive

BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE:
CLIMATE ACTION IN SUPPORT OF THE PARIS AGREEMENT



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21•CMP11

DECARBONISATION

LC-CLA-10-2020: Scientific support to designing mitigation pathways and policies

- A. Assessing and designing climate policies for the coming decade
- B. Decarbonisation and lifestyle changes
- C. Science underpinning the preparations of NDCs after the 2023 Global Stocktake at a global scale



DECARBONISATION

A. Assessing and designing climate policies for the coming decade

- Analyse what contributed to the delivery on the 2020 energy and climate policy targets and consequences for post-2020 period
- Analysis of evolution of the mitigation, adaptation and innovation policy mix
- Required investment flows for zero carbon solutions
- Involve relevant public and private stakeholders



DECARBONISATION

B. Decarbonisation and lifestyle changes

- Identify and analyse the role of individuals , households and communities in the socio-technical transition, critical areas of lifestyle change, and associated social innovation processes that are needed globally and in Europe to be in phase with low-carbon emission pathways
- Explore policies and communication strategies
- Explore activities to engage and educate citizens on climate actions

DECARBONISATION

C. Science underpinning the preparations of NDCs after the 2023 Global Stocktake at a global scale

- Provide state-of-the-art evidence to policymakers and contribute to the evidence base supporting countries efforts to finalise NDCs in 2024 following the Global Stocktake at the end of 2023



DECARBONISATION

LC-CLA-10-2020: Scientific support to designing mitigation pathways and policies

- Proposals for all sub-topics are encouraged to extend their analysis to some major emitters outside Europe and to selected less-developed countries
- Contribution in range of 3-5 m€
- Research and innovation action



DECARBONISATION

LC-CLA-11-2020: Innovative NBS solutions for carbon neutral cities and improved air quality

- Assess the direct and indirect contribution of NBS (diverse structures and configurations) to combat air pollution, reducing allergy potential of urban environment and mitigating GHG emissions
- Recommend optimal solutions and appropriate typologies for different contexts
- Develop tools, models, design guidelines, standards and protocols to integrate solutions



DECARBONISATION

LC-CLA-11-2020: Innovative NBS solutions for carbon neutral cities and improved air quality



- Cooperation and synergies: Covenant of Mayors, previous and current H2020 projects...
- Foresee a dedicated WP and/or task
- Exchange with EU platforms: Climate-ADAPT, Think Nature, OPPLA
- “Infrastructure-targeted” interventions <20% of eligible cost.
- Contribution 10 m€
- Innovation Action

LC-CLA-12-2020: Advancing climate services

CLIMATE CHANGE ADAPTATION

- A. Mapping European coastal infrastructure at risk from sea-level rise
- B. Detection and attribution of extreme events using Artificial Intelligence
- C. Impacts of overshooting

A. Mapping European coastal infrastructure at risk from sea-level rise

CLIMATE CHANGE ADAPTATION

- Undertake new high-resolution mapping of predictions of future sea levels against European coastal elevation
- Identification of risks to relevant coastal infrastructure
- Impact of adaptation measures and population displacements

B. Detection and attribution of extreme events using Artificial Intelligence

**CLIMATE
CHANGE
ADAPTATION**

- Explore novel approaches for detection and localisation of extreme events
- Quantify extreme events trends in current and future scenarios
- Develop AI techniques to detect patterns

C. Impacts of overshooting

CLIMATE CHANGE ADAPTATION

- Assess and report on the impacts associated with overshooting temperature goals set by the PA.
- Highlight regional differences in associated impacts and possible adaptation measures and solutions

LC-CLA-12-2020: Advancing climate services

CLIMATE CHANGE ADAPTATION

- Contribution in the range of 4-6 m€
- At least one proposal per sub-topic will be funded, provided it passes all thresholds
- Research and Innovation Action

LC-CLA-13-2020: Climate resilience of European coastal cities and settlements

CLIMATE CHANGE ADAPTATION

- Capitalise on past and current initiatives and knowledge to improve integrated spatial planning, management and adaptation of EU's coastal cities.
- Provide scientific insight, tools, methodologies...to develop coastal resilience plans
- Use Coastal Risk Assessment Frameworks

LC-CLA-13-2020: Climate resilience of European coastal cities and settlements

**CLIMATE
CHANGE
ADAPTATION**

- Sound methodologies and guidance for elaboration of resilience plans for vulnerable urban areas
- Pilot studies comprising “front-runner” cities mentoring “follower” cities
- Clustering activities
- Networking with Climate-ADAPT, ThinkNature, OPPLA
- Contribution in the range of 10 m€
- Research and Innovation Action

LC-CLA-23-2020: Towards a comprehensive European mountain research strategy

CLIMATE CHANGE ADAPTATION

- Coordinate and support mountain regions research in EU
- Develop a comprehensive EU Mountain Research Strategy
- Develop services for adaptation to CC and improve observations



LC-CLA-23-2020: Towards a comprehensive European mountain research strategy

**CLIMATE
CHANGE
ADAPTATION**

- Support implementation of EU Strategy for the Alpine Region and GEO for Observation and information in Mountain Environment
- International cooperation encouraged
- Contribution in range of 1,5 m€
- Coordination and support action

LC-CLA-14-2020: Understanding climate-water-energy-food nexus and streamlining water-related policies

- Develop and test innovative solutions, improved operations and integrated management and planning for achieving water, energy and food security
- Solutions best deliver good water status (quality and quantity), sustainable food and energy security
- Participation of broad range of different stakeholders
- International cooperation
- Contribution in range of 4-5 m€
- Achieve TRL 5
- Research and Innovation action

LC-CLA-15-2020: Forest Fires risk reduction: towards an integrated fire management approach in the EU

- Generate the knowledge, tools, capacity and guidance to underpin an Integrated Fire Management strategy
- Assess changes in fire regimes under various climate, vegetation and land use change scenarios
- Understand extreme wildfire events, their structural causes, various impacts
- Develop methods to assess and mitigate vulnerability of societies to wildfires
- Capitalise existing and develop scientific knowledge
- Participatory approaches with bodies dealing with wildfire management and protection are required

Drivers of change

LC-CLA-15-2020: Forest Fires risk reduction: towards an integrated fire management approach in the EU

- Clustering with LC-CLA-12b-2020, LC-CLA-16b-2020, SC7-DRS-02 and other projects (LIFE, Civil Protection...). Dedicated work package and/or task
- Encouraged collaboration with research institutions with experience in extreme wildfires of countries such as Australia, Canada, South Africa, the USA and other non EU countries
- Contribution in the range of 10 m€
- Research and Innovation action

LC-CLA-16-2020: Multi-hazard risk management for risk-informed decision-making in the EU

- Define a common framework for risk and vulnerability assessments for areas exposed to multiple natural hazards
- Develop quantitative scenarios on present and future risks, on potential direct and indirect effects
- Develop mapping tools and user-friendly ICT open interfaces
- Copernicus, European Research Infrastructure Consortiums (ERIC) , European Plate Observing System (EPOS9, European Multidisciplinary Seafloor and Water Column Observatory (EMSO)
- Contribution in the range of 3-5 m€
- Research and Innovation action

THE CRYOSPHERE

LC-CLA-17-2020: Polar climate: understanding the polar processes in a global context in the Arctic and Antarctic Regions

- Assess key physical and chemical processes in the ocean and atmosphere and the key ocean-atmosphere-ice interactions
- Cooperation with ESA Earth Observation Programme projects
- Join the EU Arctic Cluster in order to build synergies
- Build upon previous H2020 actions
- International cooperation encouraged in particular with countries of the Arctic Science Ministerial
- Contribution in the range of 7-8 m€
- Research and Innovation action

THE CRYOSPHERE

LC-CLA-21-2020: Coordination of European Polar research

- Provide a platform to co-develop the strategies to advance and further coordinate the European Polar Research action and its contribution to the policy-making processes
- Collaboration with relevant services of the European Commission
- Focus on supporting the implementation of sustained observation systems in the Arctic and Antarctic
- Coordination of EU Arctic Research Cluster
- Build upon previous H2020 actions
- Contribution in the range of 3 m€
- Coordination and support action

KNOWLEDGE GAPS

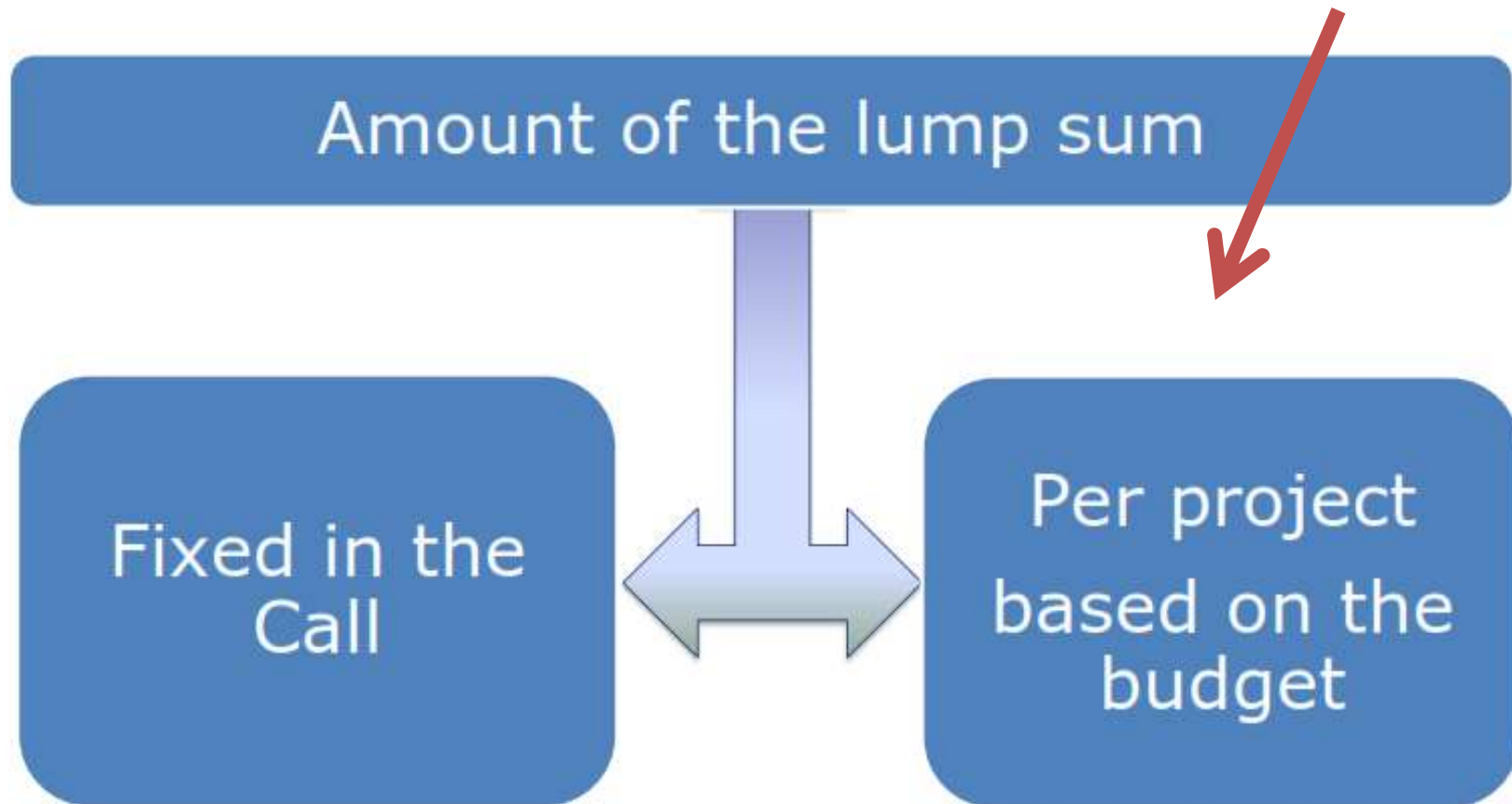
LC-CLA-18-2020: Developing the next generation of Earth System Models

- Address in a novel way one or more of the competing demands that surround the advancement of Earth System Models (ESMs)
- Explore novel ways of coupling existing models with ESMs where appropriate
- Contribution in the range of 10-12 m€
- Research and Innovation action Lump Sum



LUMP SUM PILOT

Two options to fix the amount



LUMP SUM PILOT

➤ **Option 1**

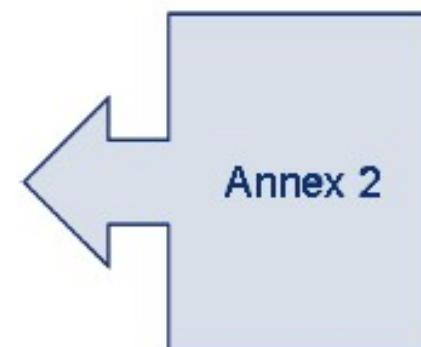
- Fixed lump sum per project defined in call for proposals
- Proposals describe the efforts and resources applicants commit to mobilise for this amount.
- Applicants must provide proposed split of the lump sum per work package and per beneficiary.
- The evaluation – and competition between proposals – ensure that adequate resources are committed

➤ **Option 2**

- Proposals provide a detailed estimation of costs (stage 2 only)
- Experts assess cost details during evaluation and make recommendations (panel will include expert/s with financial expertise).
- Based on this, the lump sum is fixed during grant preparation

LUMP SUM PILOT

	WP1	WP2	WP3	WP4	WP5
Beneficiary A	250.000			50.000	300.000
Beneficiary B		250.000	350.000	50.000	
Beneficiary C	100.000	100.000		50.000	
Beneficiary D		120.000		50.000	
Total	350.000	470.000	350.000	200.000	300.000

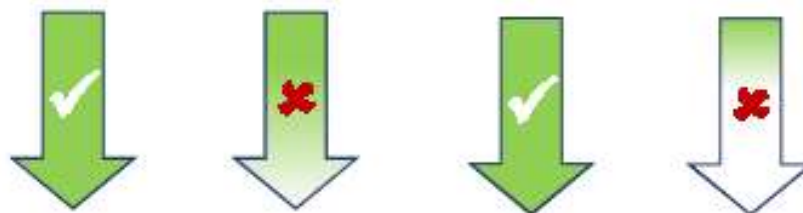


	WP1	WP2	WP3	WP4	WP5
Beneficiary A	Completed			Initiated	Initiated
Beneficiary B		Completed	Completed	Not initiated	
Beneficiary C	Completed	Not initiated		Not initiated	
Beneficiary D		Completed		Completed	



LUMP SUM PILOT

	WP1	WP2	WP3	WP4	WP5
Beneficiary A	250.000			50.000	300.000
Beneficiary B		250.000	350.000	50.000	
Beneficiary C	100.000	100.000		50.000	
Beneficiary D		120.000		50.000	
Total	350.000	470.000	350.000	200.000	300.000



Payment = 350 000 + 0 + 350 000 + 0 = 700 000 €

LUMP SUM PILOT

Checks, reviews and audits for:



Proper implementation of the action (e.g. technical audit)



Compliance with the other obligations of the grant:



IPR obligations

Obligations related to third parties (e.g. financial support)

Other obligations (e.g. ethics, visibility of EU funding, etc.)



Bye, bye, financial audits

KNOWLEDGE GAPS

LC-CLA-22-2020: Enhancing the Belmont Forum Collaborative Research Action on Climate, Environment and Health

- Develop and provide support mechanisms to advance and boost the global added value of the Belmont Forum's Collaborative Research Action on Climate, Environment and Health
 - Cooperation with projects under SC1 and SC5
 - Contribution in the range of 3 m€
 - Coordination and support action


EARTH OBSERVATION

LC-CLA-19-2020: Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement

- Developing applications in support of users involved in the implementation and mitigation actions in line with the Paris Agreement, integrating Earth Observation data
- Applications with estimated societal impact, on GHG emissions or related indicators or feed new indicators for monitoring SDGs
- Align with the European Space Agency programmes
- Contribution in the range of 4-5 m€
- Research and Innovation action

EARTH OBSERVATION

LC-CLA-20-2020: Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus

- 
- The background of the slide is a composite image. The top half shows a satellite in space with its solar panels deployed, orbiting the Earth. The bottom half shows a satellite view of the Arctic region, with the white ice of the North Pole contrasting with the blue of the surrounding oceans. The satellite's solar panels are visible in the foreground, partially obscuring the view of the Earth.
- i. Advancing the operationalisation of an integrated pan Arctic Observing System in preparation for a possible future ArcticGEOSS initiative
 - ii. Improving and extending terrestrial, marine and cryospheric in-situ measurements
 - iii. Setting up pilot services
 - iv. Contributing to the interoperability of Arctic Data systems
 - v. Make positive contribution to national, regional and international decision-making processes and science strategies

EARTH OBSERVATION

LC-CLA-20-2020: Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus

- Help to build an Arctic “window” of Copernicus by bringing together all Arctic relevant observations deriving from different Copernicus services
- Coordinate with projects stemming from the National Science Foundations Arctic portfolio
- International cooperation encouraged special with countries and Indigenous Peoples organisations from 2nd Arctic Science Ministerial
- Build on previous EU-funded projects
- Contribution in range of 15 m€
- Research and Innovation action

GREENING THE ECONOMY



CE-SC5-24-2020: Improving the sorting, separation and recycling of composite and multilayer materials

- Develop new or improve existing innovative processes for sorting, disassembly/separation, recycling...of materials from composite and/or multi-layer.
- Assess potential barriers for implementation
- Retention value in the economy, rather than downgrading
- Recommendations for design
- Achieve TRL5-6
- Support of the European Strategy for Plastics in a CE
- Join activities (clustering, workshops...)
- Contribution in range of 4-5 m€
- Research and Innovation action

CE-SC5-25-2020: Understanding the transition to a CE and its implications on the environment...

- Assess the current state and analyse transition scenarios towards the Circular Economy
- Sectors included in the EU Circular Economy Action Plan
- Public awareness, other social aspects including gender issues
- International cooperation encouraged, in particular with Africa
- Support of the European Strategy for Plastics in a CE
- Join activities (clustering, workshops...)
- Contribution in range of 3-4 m€
- Research and Innovation action

CE-SC5-28-2020: Develop and pilot circular systems in plastics, textiles and furniture sectors

- Develop and pilot systemic CE innovations in plastics, textiles and furniture sectors (**one of the three**)
- All relevant actors from across the value chain
- TRL 6-7
- Support of the European Strategy for Plastics in a CE
- Join activities (clustering, workshops...)
- Contribution in range of 7-8 m€
- Innovation action

CE-SC5-29-2020: A common European framework to harmonise procedures for plastics...

- Develop a common EU framework to harmonise procedures for plastics pollution monitoring and assessment
- Synergies between all relevant research areas, industry, regulators, associations and standardisation bodies
- Support of the European Strategy for Plastics in a CE
- Join activities (clustering, workshops...)
- Contribution in range of 2 m€
- Coordination and support action

CE-SC5-30-2020: Plastics in the environment: understanding the sources, transport...

- Better understanding on the sources, transport, distribution and impact of plastic pollution
- Main entry routes of plastics into the different environmental compartments
- Proposals should address different ecosystems, geographical areas and spatial scales
- Cooperation EU funded activities (JPI Oceans)
- Support of the European Strategy for Plastics in a CE
- Join activities (clustering, workshops...)
- Contribution in range of 5 m€
- Research and innovation action



RAW MATERIALS

SC5-10-2019-2020: Raw materials innovation actions: exploration and Earth observation in support of sustainable mining

c. Mining pilots (2020)

Develop and demonstrate innovative mining systems to avoid exposure of workers in dangerous operations, to increase efficiency, selectivity and profitability of the mining operations

d. Pilots on substitution of critical and scarce raw materials (2020)

Develop and demonstrate innovative and sustainable solutions for the appropriate substitution of CRMs use in high tech sectors

IAs
8 y 13 m€

SC5-26-2020: Sustainable management in extractive industries

- Develop a toolkit applicable across the EU Member States for assessing socio-economic and environmental impacts, land-use planning, health and safety issues
- Develop training materials
- Build up on the results of previous actions
- Improve statistics and building of the RMIS
- Clustering activities

**CSA
2 m€**



Innovating cities for sustainability and resilience



SC5-27-2020: Strengthening international cooperation: enhanced natural treatment solutions for water security and ecological quality in cities

- Identify and review examples of innovative natural water treatment systems in EU and beyond...understanding their functioning...and capacity in treating pollution under diverse and uncertain conditions
- Develop methodologies and guidance for design, implementation...
- Develop new business models for construction, operation, management and maintenance
- Develop standards for treatment processes
- Pilots/demonstrations for testing innovative approaches or use of established solutions under new conditions
- Clustering activities
- IC encouraged

**RIA
5 m€**

Protecting and leveraging the value of our natural and cultural assets: Nature-based solutions, disaster risk reduction and natural capital accounting



SC5-32-2020: Addressing wild pollinators decline and its effects on biodiversity and ecosystem services

- Develop tools, guidelines and methodologies to better understand, analyse, assess and possibly predict the trends and causes of the wild pollinators decline
- Built on results of previous and/or currently EU-funded projects and IPBES assessment on pollinators
- Data of Copernicus programme

RIA
5 m€



SC5-33-2020: Monitoring ecosystems through research, innovation and technology

- Design an EU-wide framework for monitoring biodiversity and ecosystems services
- Provide scientific advice and practical analysis...monitoring programmes or current initiatives such as the Pollinators Initiative, the Bioeconomy Strategy...
- Support IPBES, GEO/GEOSS, Global Biodiversity Information Facility
- The action is sexpected to work with KIP INCA partners and EEA
- Synergies with other projects

CSA
3 m€



CROSS-CUTTING ACTIVITIES

CE-SC5-07-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes

- a. Sustainable processing and refining of primary and/or secondary raw materials
Sistemas nuevos o mejorados sobre tecnologías de proceso y refino para recuperación de minerales y metales
- b. Recycling of raw materials from end-of-life products
Reciclado y recuperación de materias primas secundarias de producto final
- c. Recycling of raw materials from buildings
Recuperación de materias primas de edificios
- d. Advanced sorting systems for high-performance recycling of complex end-of-life
Sistemas innovadores de desmantelado y clasificación que permitan reciclado y recuperación eficiente

CE-SC5-08-2020: Raw materials policy support actions for the circular economy-Expert network on Critical Raw Materials

- Contribute to improving EU official statistics and to building the RMIS
- Clustering
- To strengthen an EU expert network...covering all raw materials screened in the CRM assessment of 2017 (once available the 2020 assessment)

**CSA
3m€**

CE-SC5-31-2020: Develop, implement and assess a circular economy oriented product information management systems for complex products from cradle to cradle

- There is a need for designing and piloting an information system for raw materials and components in products and their environmental performance
- Bring together all relevant actors along product related value chains
- Open solutions such as open source software, open hardware design, and open access to data are encouraged
- Clustering with other projects
- Focus on TRLs 5-7
- Include a business case and exploitation strategy

**IA
7-8 m€**

FECHAS DE CORTE

CALL LOW CARBON		DEADLINES
CSAs		13/02/20
	Resto (RIAS/IAs) 1st stage	13/02/20
	2nd stage	03/09/20

CALL GREENING THE ECONOMY		DEADLINES
CSAs		13/02/20
	Resto (RIAS/IAs) 1st stage	13/02/20
	2nd stage	03/09/20

FECHAS DE CORTE

CALL CIRCULAR INDUSTRIES	DEADLINES
CSAs	05/02/20
Resto (IAs) 1st stage	05/02/20
2nd stage	03/09/20

CONDICIONES ESPECIALES DE FINANCIACIÓN-LC

TOPICs

Condiciones

LC-CLA-11-2020
Innovative NBS
for carbon
neutral cities
and improved
air quality

In grants awarded under this topic, **costs for construction and installation of “infrastructure-targeted” interventions shall not constitute more than 20% of the total eligible costs.** Beneficiaries’ own resources and/or mobilisation and leverage of additional investments beyond Horizon 2020, whether private or public, should make up the remaining investment costs and should secure economic and financial sustainability for the execution of the project

OTRAS CONDICIONES-LC

TOPICs

Condiciones

LC-CLA-11-2020
Innovative NBS
for carbon
neutral cities
and improved
air quality

Grants awarded under this topic will be subject to the following additional dissemination obligations: **the funded projects must upload their final data on established networks and information sharing mechanisms at European scale** such as Oppla, the European Environment Agency (EEA) air pollution data centre and Climate-ADAPT.

LC-CLA-18-2020
Developing the
next generation
of Earth System
Models

For grants awarded under this topic, **funding will take the form of lump sums** as defined in Commission Decision C(2017)7151 of 27 October 2017. Details of the lump sum funding pilot scheme are published on the Funding and Tender Portal together with the specific Model Grant Agreement for Lump Sums applicable.

CONDICIONES ESPECIALES DE ELEGIBILIDAD

TOPICs

Condiciones

SC5-27-2020
Strengthening international collaboration: enhanced natural treatment solutions for water security and ecological quality in cities

To ensure coverage of geographic, socio-economic and cultural diversity (including possible gender differences in the use/management of water) as well as sharing innovative solutions across the EU, **pilot actions/demonstrations must be implemented in at least 3 cities situated in different Member States or Associated Countries** that are committed to implement the proposed innovative actions/schemes during the project and assess their impacts and cost-efficiency

PROCEDIMIENTO EVALUACIÓN-GE

TOPICS

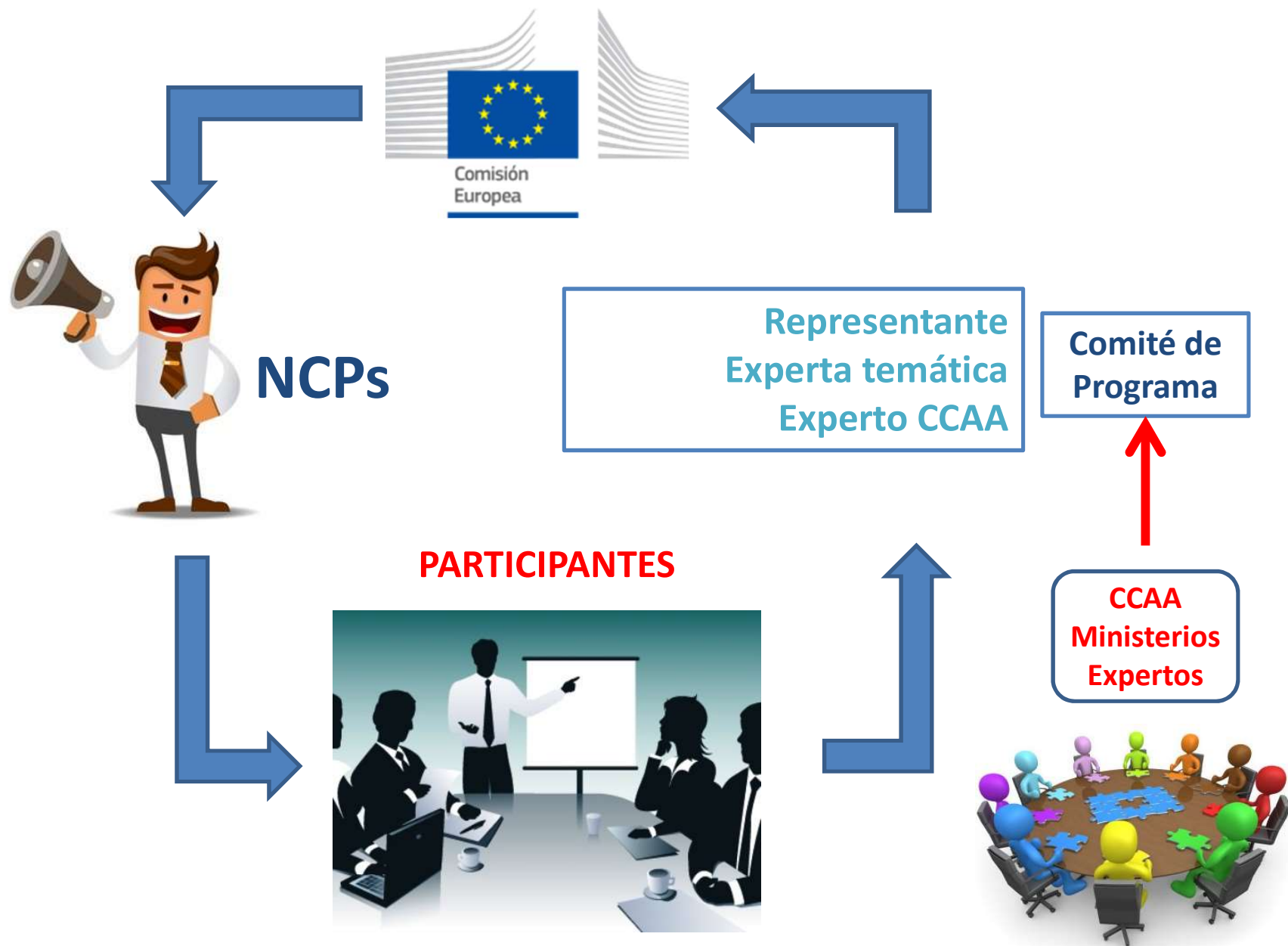
Procedimiento

CE-SC5-08-20 Raw materials policy support actions for the circular economy

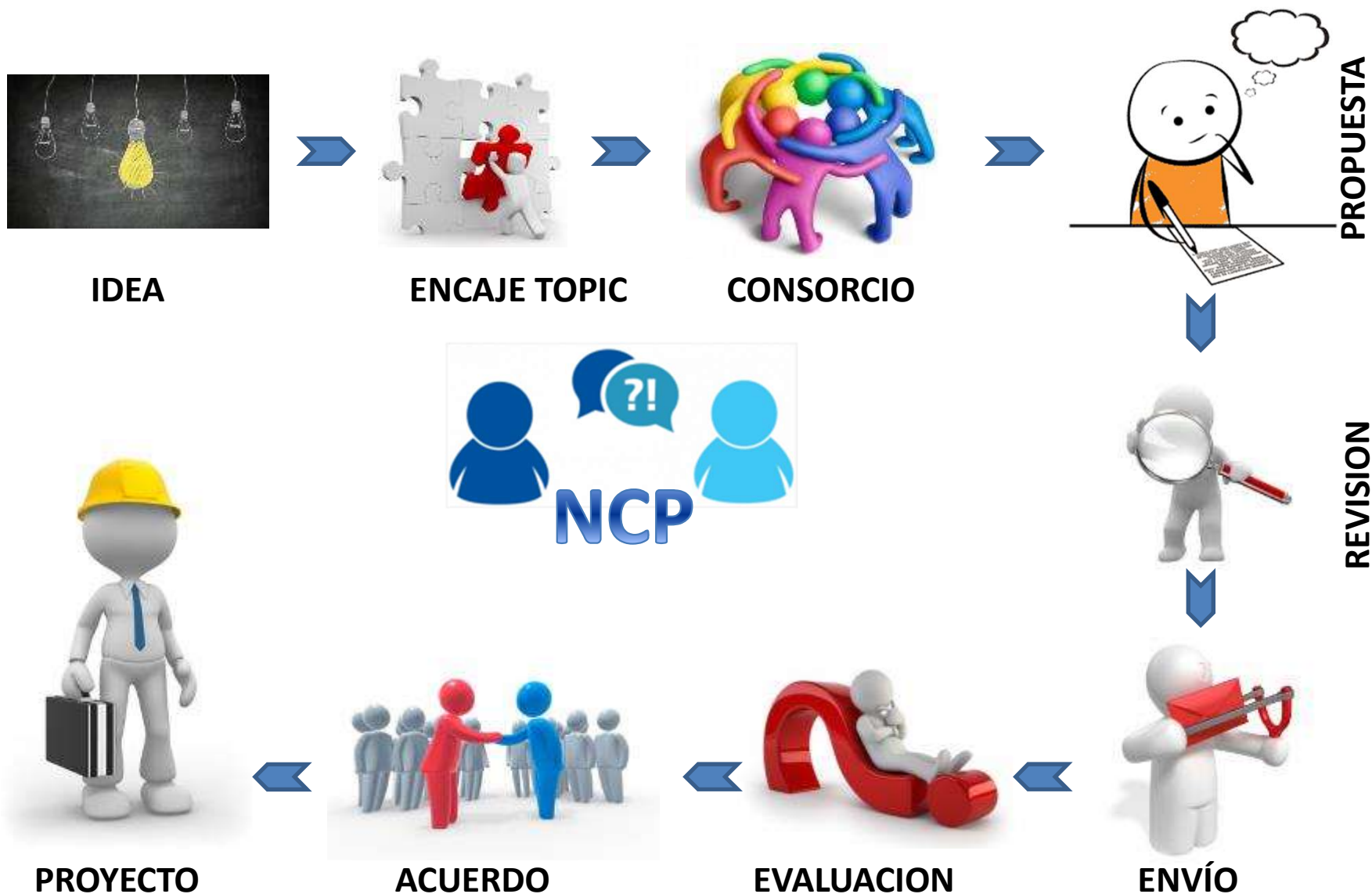
Grants will be awarded to proposals according to the ranking list. However, in order to ensure a balanced portfolio of supported actions, **at least the highest-ranked proposal per sub-topic will be funded provided that it attains all thresholds.**



¿QUÉ HACEMOS EN CDTI?



SOPORTE A LOS PARTICIPANTES



Red Exterior CDTI: presencia en 28 países





PARA ACABAR

- SE BUSCAN EXPERTOS PARA EVALUAR PROYECTOS

<https://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html>

- LISTAS DE DISTRIBUCIÓN CDTI y H2020
<http://eshorizonte2020.es/suscripcion>

Reto Social 5: Acción por el clima, medioambiente, eficiencia en los recursos y materias primas



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SC5 Work Program https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-climate_en.pdf

Cross-Cutting activities: https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-cc-activities_en.pdf

ENLACES DE UTILIDAD

- [Business Reporting on the SDGs](#)
- [Sustainable Development Report 2019](#)
- [SDG index and dashboards report for European cities](#)
- [Aplicación de la Agenda 2030 en las organizaciones. El caso del MAPAMA](#)
- [Localizando los ODS](#)
- [SDG Industry Matrix](#)
- [Sustainable Development Goals Acceleration Toolkit](#)
- [Supporting the Sustainable Development Goals across the world: The 2019 Joint Synthesis Report of the European Union and its Member States](#)
- [Inventory of Business Indicators](#)
- [Directiva UE 2019/904 Reducción impacto de determinados productos plásticos en el medio ambiente](#)
- [Atlas of EU Water Oriented Living Labs](#)

ENLACES DE UTILIDAD

- [Societal Readiness Levels](#)
- [European Resource Efficiency Knowledge Centre](#)
- [Circular Plastics Alliance pledges](#)
- [Copernicus-DIAS](#)
- [Climate Data Store-Copernicus](#)
- [Conventional Data Access Hubs-Copernicus](#)
- [Copernicus Services](#)
- [Presentación Comisión Horizon Europe](#)



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