



Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)



NOVETATS HORIZON EUROPE

UNIVERSITAT POLITÈCNICA DE CATALUNYA

25 de novembre de 2020

NOVETATS HORIZON EUROPE - PROGRAMA

- Benvinguda Vicerector Política Científica
- Resultats Provisionals Programa H2020
- Generalitats Horizon Europe
- Estructura del Programa
- Els nous Programes de Treball
- Principals novetats a les propostes d'HE
- Formes d'avaluació
- Aspectes legals i financers
- Precs i Preguntes

UNITAT PROJECTES INTERNACIONALS UPC

SUPORT PRE-AWARD

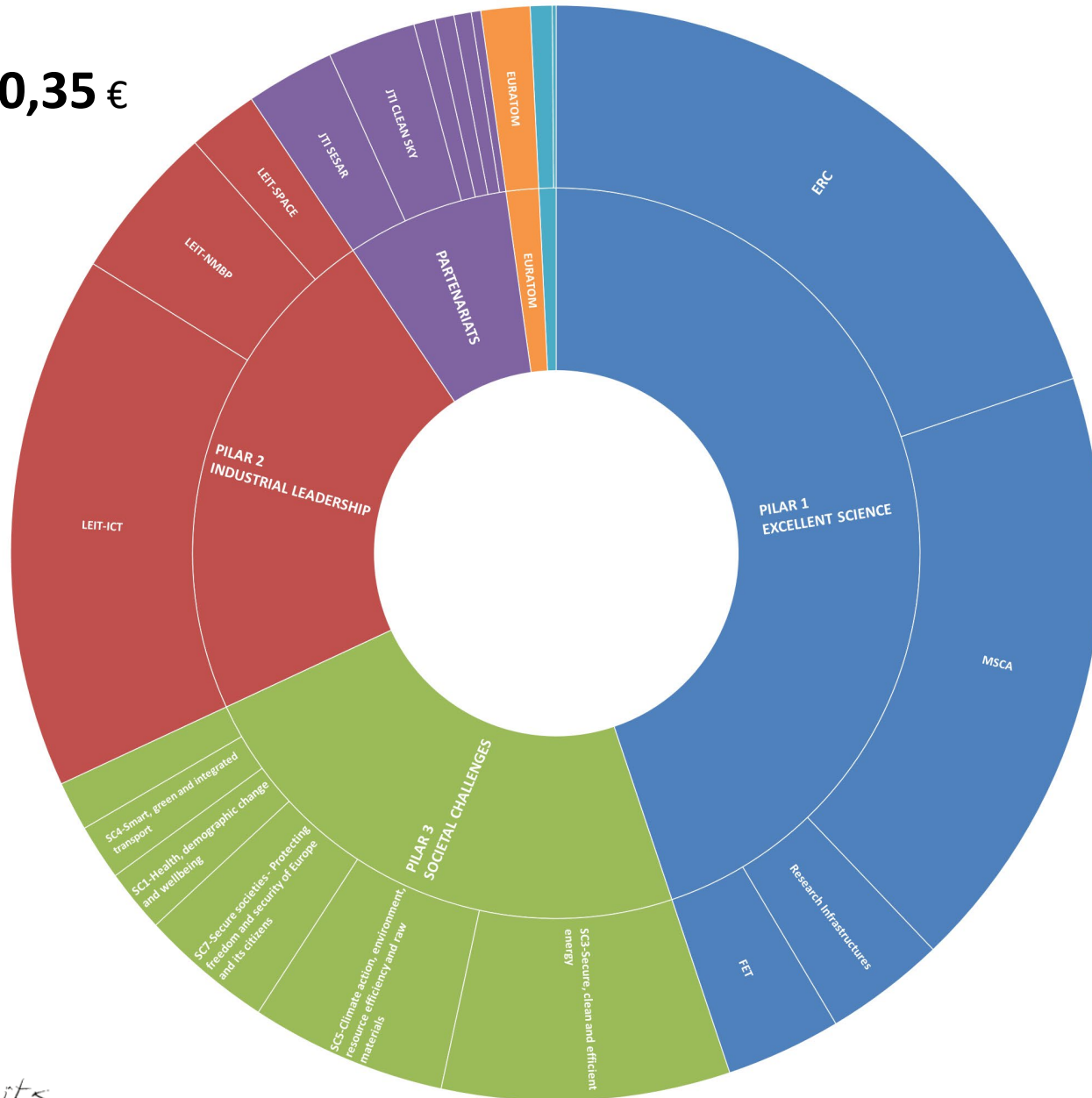
Ana Canales (Cap)
Esther Alsina (ERC / Maire Curie/Cluster 2)
Mònica Altimira (Cluster 3 i 5; Cluster 4 (espai); Cluster 6 (medi ambient))
Montse Banegas (ERC /Marie Curie/ Cluster 6)
Irene Jorge (Research Infrastructures / Cluster 1 i 4)
Francesc Perernau (EIT /Suport legal)

SUPORT POST-AWARD

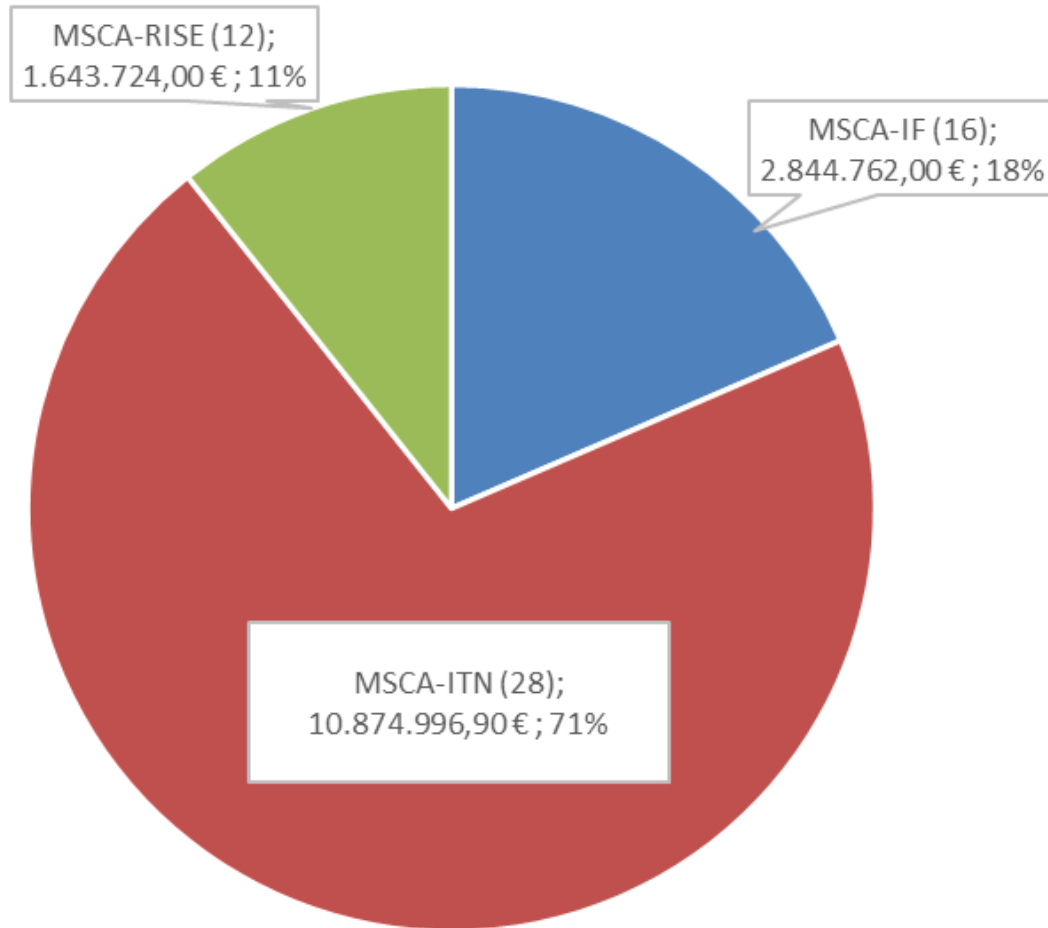
Anna Tor (Back office)
Irene Marente (TIC)
Alexandra Chaves (TIC)
Guillem Vendrell (Camins)
Bea Torres (Camins)
Malcolm Burns (C Sud)
Mar Oliva (C Sud)
Alex Sans (C Sud)
Eduardo García (Besòs)
Belén Calejo (Terrassa)
Feli Leiva (Terrassa)
Lucia Alandes (Vilanova)
Mayra Amate (CBL)
Montse Gallart (CBL)

RESULTATS PROVISIONALS H2020

85.191.720,35 €



RESULTATS PROVISIONALS H2020



Horizon Europe



Generalitats Estructura del Programa

OBJECTIUS

Horizonte Europa

El ambicioso Programa Marco de Investigación e Innovación de la UE (2021-2027)



para reforzar las bases científicas y tecnológicas de la UE y el Espacio Europeo de Investigación (EEI),



para impulsar la capacidad de innovación, la competitividad y el empleo de Europa,



para cumplir con las prioridades de los ciudadanos, así como sostener nuestros valores y modelo socioeconómico.

VISIÓ DEL PROGRAMA

Un futuro sostenible, justo y **próspero** para las **personas** y el **planeta** basado en los valores europeos.

- Lucha contra el **cambio climático** (objetivo presupuestario del 35 %)
- Contribuir a alcanzar los **Objetivos de Desarrollo Sostenible**
- Impulsar **la competitividad y el crecimiento** de la Unión



IMPACTE ESPERAT

1. Generar nuevos conocimientos de alta calidad.
2. Fortalecer el capital humano en I+i.
3. Fomentar la difusión del conocimiento y la ciencia abierta.

Repercusión científica



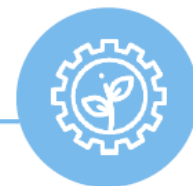
4. Abordar los retos mundiales y las prioridades de la política de la UE a través de la I+i.
5. Proporcionar beneficios e impacto a través de misiones de I+i.
6. Fortalecer la incorporación de la I+i en la sociedad.

Repercusión en la sociedad



7. Generar crecimiento basado en la innovación.
8. Crear más y mejores puestos de trabajo.
9. Movilizar inversiones en I+i.

Repercusión económica



PLA ESTRATÈGIC HORIZON EUROPE

El Plan Estratégico marca el rumbo del programa de trabajo

Paquete
legislativo de
Horizonte Europa

Plan estratégico
2021-2024

Programa de
trabajo 2021-2022

Convocatorias de
propuestas

Características principales

Participación de los Estados miembros desde el principio y numerosos intercambios con estos.

Numerosos intercambios con el Parlamento Europeo.

Consultas con las partes interesadas y el público en general.

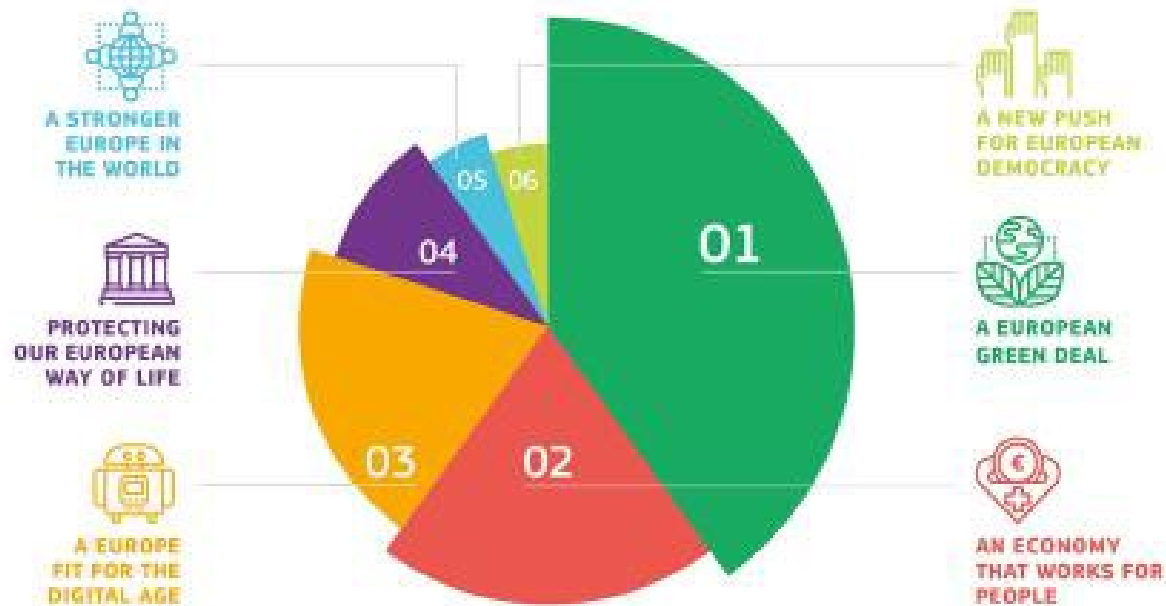
PLA ESTRATÈGIC HORIZON EUROPA

El Plan Estratégico (*nuevo acto de aplicación de la Comisión*) elaborará el contenido de los programas de trabajo y las convocatorias de propuestas para los cuatro primeros años

- Orientación estratégica para el apoyo a la I+i, impactos previstos.
- Asociaciones y misiones.
- Ámbitos de cooperación internacional.
- Cuestiones tales como:
 - equilibrio entre investigación e innovación,
 - ciencias sociales y humanidades,
 - tecnologías facilitadoras esenciales y cadenas de valor estratégico,
 - género,
 - ética e integridad,
 - difusión y explotación.

PLA ESTRATÈGIC HORIZON EUROPA

Horizon Europe targeted impacts* supporting the Political guidelines of the Commission



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



PLA ESTRATÈGIC HORIZON EUROPE

Orientations towards the first Strategic Plan for Horizon Europe

Defineix cada prioritats, els seus objectius i com col.labora cada clúster a assolir-les

Global challenges i Targeted impacts per a cada cluster

CALENDARI HORIZON EUROPE

From
7 Jun 2018

Parliament and Council negotiations on the basis of the Commission proposal for Horizon Europe

Q3-Q4
2019

Strategic planning to prepare first work programmes under **Horizon Europe**

Q1-Q2
2020

Co-design of missions and setting up of partnerships

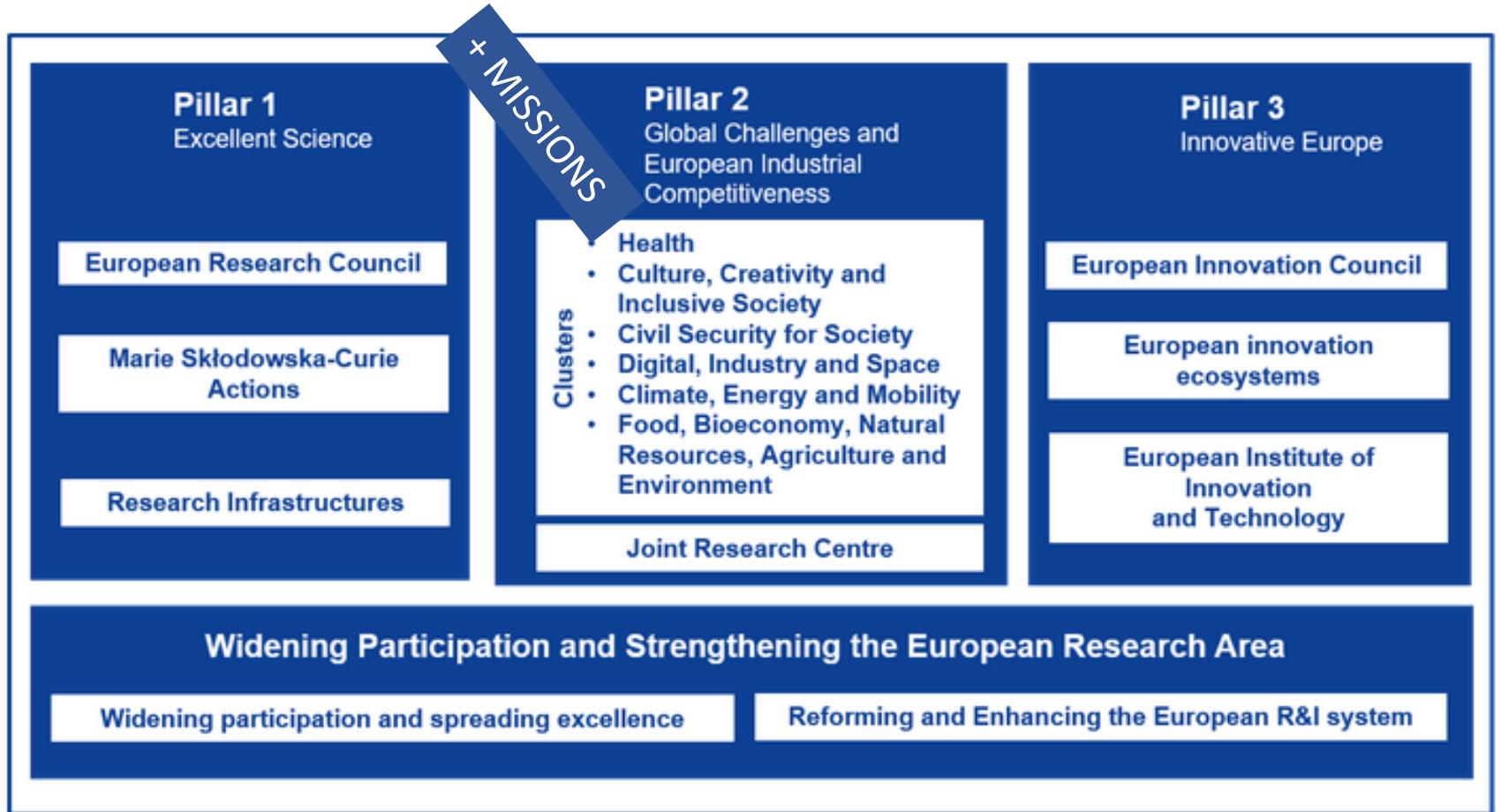
Q3-Q4
2020

- **Preparation of 1st calls of HE (drafts WPs)**
- Parliament and Council negotiations on Union budget 2021-2027, including budget for Horizon Europe

Q1-Q2
2021

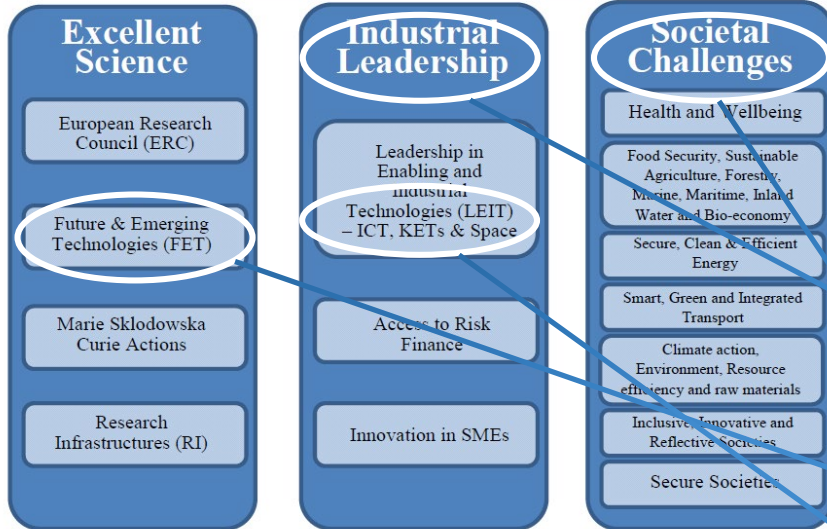
Envisaged Open of 1st calls of HE → Last news pointing at APR-MAY for WPs adoption!

Horizon Europe Structure



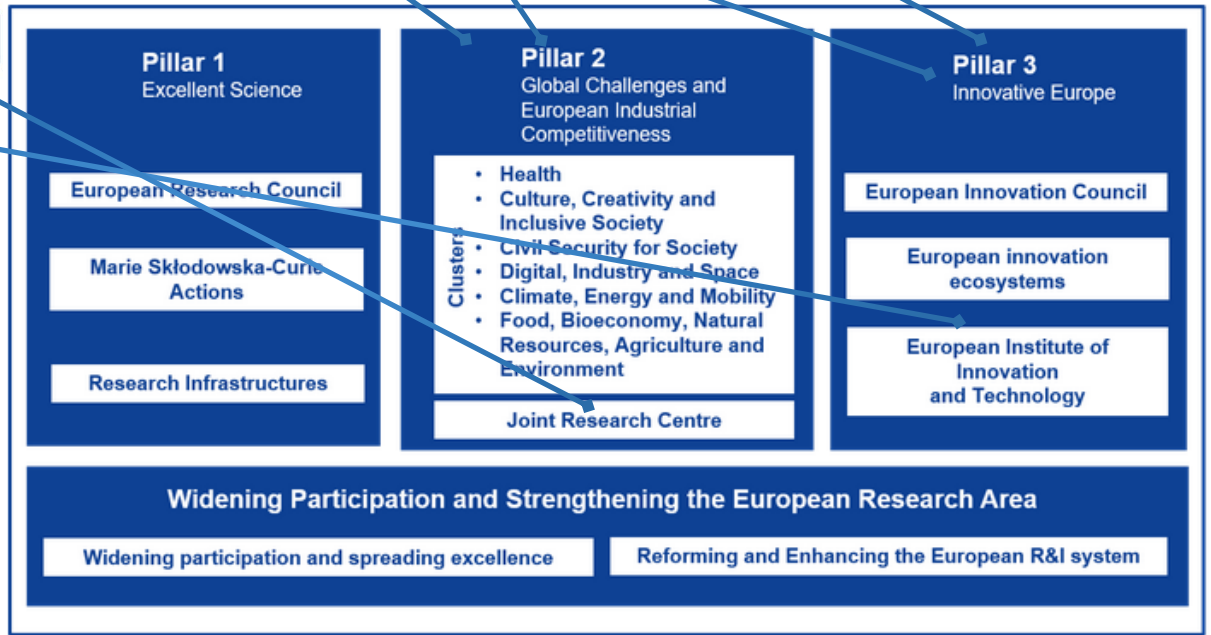
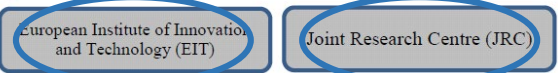
PRESSUPOST ESTIMAT: 84.900.000.000 € (Preus corrents 2018)

3 Pillar Structure



H2020 Structure vs. HE Structure

Spreading Excellence and Widening Participation, Social Sciences and Humanities (SSH) and ICT



Pillar 1: Excellent Science



- Enfocament bottom-up
- TRL baix
- Excel.lència
- Manté programes H2020 excepte FET

Pillar 1: Excellent Science (i)

- Enfortir i extendre abast infraestructures i e-infraestructures

- **Destinations:**

- 1.- A well functioning research infrastructures landscape

- 2.- Enabling and operational, Open and FAIR EOSC Ecosystem

- 3.- RI services to support Health research, accelerate the green and digital transformation and advance frontier knowledge

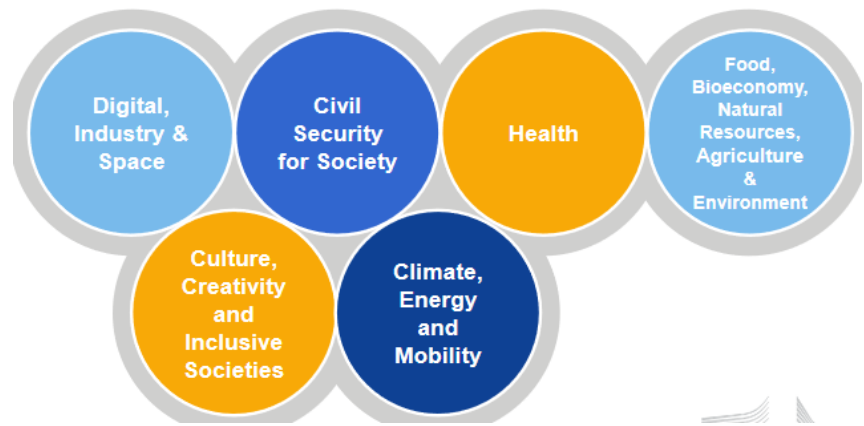
- 4.- Next generation of scientific instrumentation tools and methods and Advanced digital solutions.



Pillar 2: Global Challenges & European Industrial Competitiveness (i)



- Enfocament top-down
- TRL mitjà
- Recerca orientada objectius
→ Projectes:
 - Clusters
 - Missions
 - Associacions



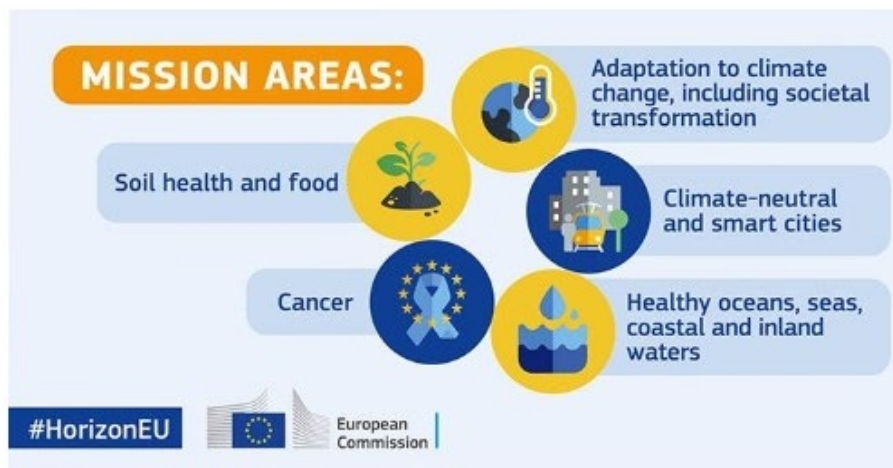
Pillar 2: Global Challenges & European Industrial Competitiveness (ii)

Clusters in 'Global Challenges and European Industrial Competitiveness'

Clusters	Areas of intervention	
Health	<ul style="list-style-type: none"> • Health throughout the life course • Non-communicable and rare diseases • Tools, technologies and digital solutions for health and care, including personalised medicine 	<ul style="list-style-type: none"> • Environmental and social health determinants • Infectious diseases, including poverty-related and neglected disease • Health care systems
Culture, creativity and inclusive society	<ul style="list-style-type: none"> • Democracy and Governance • Social and economic transformations 	<ul style="list-style-type: none"> • Culture, cultural heritage and creativity
Civil security for society	<ul style="list-style-type: none"> • Disaster-resilient societies • Protection and Security 	<ul style="list-style-type: none"> • Cybersecurity
Digital, Industry and space	<ul style="list-style-type: none"> • Manufacturing technologies • Advanced materials • Next generation internet • Circular industries • Space, including Earth Observation • Emerging enabling technologies 	<ul style="list-style-type: none"> • Key digital technologies, including quantum technologies • Artificial Intelligence and robotics • Advanced computing and Big Data • Low-carbon and clean industry • Emerging enabling technologies
Climate, Energy and Mobility	<ul style="list-style-type: none"> • Climate science and solutions • Energy systems and grids • Communities and cities • Industrial competitiveness in transport • Smart mobility 	<ul style="list-style-type: none"> • Energy supply • Buildings and industrial facilities in energy transition • Clean, safe and accessible transport and mobility • Energy storage
Food, bioeconomy, natural resources, agriculture and environment	<ul style="list-style-type: none"> • Environmental observation • Agriculture, forestry and rural areas • Circular systems • Food systems 	<ul style="list-style-type: none"> • Biodiversity and natural resources • Seas, oceans and inland waters • Bio-based innovation systems in the EU Bioeconomy

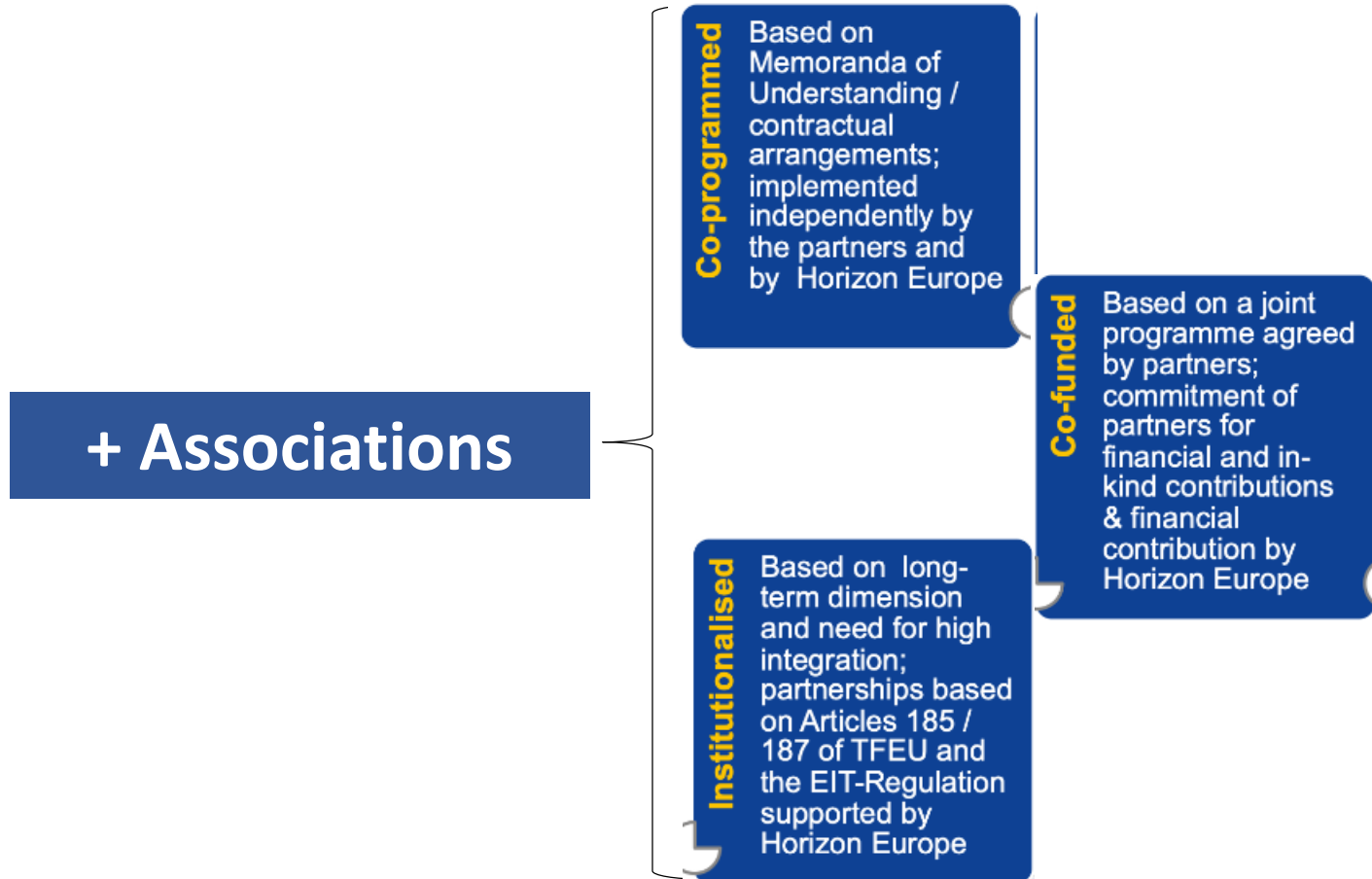
Pillar 2: Global Challenges & European Industrial Competitiveness (iii)

MISSIONS

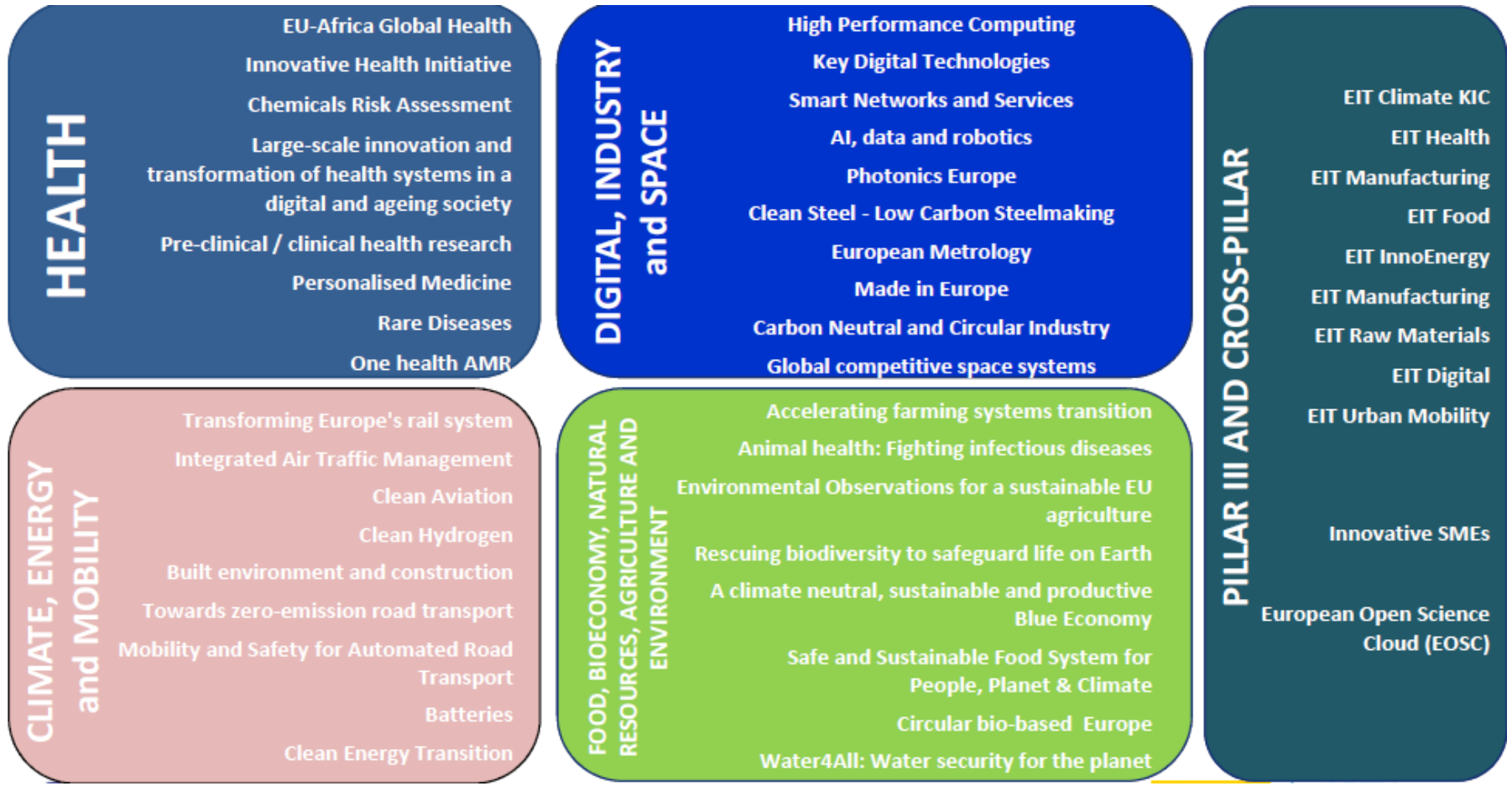


- Conquering Cancer
- A climate Resilient Europe (Adaptation to climate change including societal transformation)
- Mission Starfish (Healthy oceans, seas coastal and inland waters)
- Climate-neutral cities (by and for the citizens)
- Caring for soil is caring for life (Soil Health and food)

Pillar 2: Global Challenges & European Industrial Competitiveness (iv)



Pillar 2: Global Challenges & European Industrial Competitiveness (v)



Pillar 3: Innovative Europe



- EIC:
 - Pathfinder (FET Open + FET Proactive)
 - Accelerator
- Ecosystems: Sinergies Europa
- EIT (KIC)



+ Programes Transversals

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

- Acostar Widening Countries a nivells participació i retorn europeus.
- Alinear iniciatives nacionals, ciència ciutadana, gender...

Horizon Europe

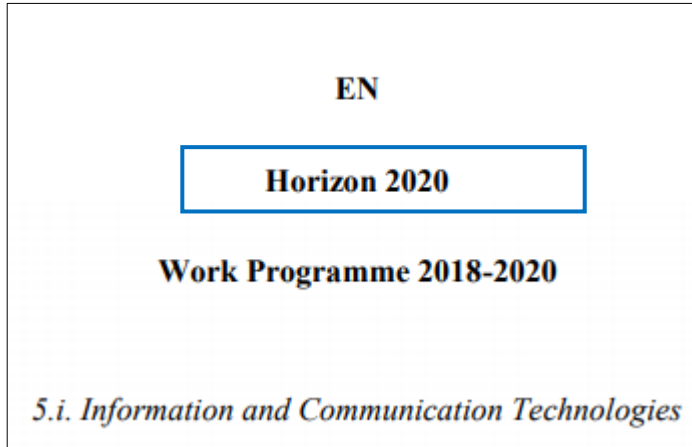


Programes de Treball

Horizon Europe, implementation strategy



HE. Work programmes structure



Call - Information and Communication Technologies 1

Artificial Intelligence and Technologies for Digitising European Industry and Economy 1

ICT-46-2020: Robotics in Application Areas and Coordination & Support 1

DESTINATION 3 – World leading data and computing technologies.

Section: Data sharing in the common European data space.....

DATA-01-2021: Technologies and solutions for compliance, privacy preservation, and responsible data operations (IA).....

Specific Challenge
Scope
Expected Impact

Expected Outcomes
Scope



HE. Work Programmes and calls



- Design a **simpler**, less complex work programmes
- Less prescriptive topics but more oriented to results. Topics will be open to a range of different **pathways to achieve them**.
- Specify in the topics the **expected outcomes** and their link to the wider **targeted impacts**, in line with the Strategic Research and Innovation Plan.
- More frequent use of **multiannual topics** with a choice of submission deadlines spread over more than one year.

HE.Work Programmes, on puc trobar-los?

<https://rdi.upc.edu/>

- Projectes Internacionals**
- Projectes finançats
- Horizon Europe**
- Horizon 2020
- Programes internacionals de finançament
- Preparació de Propostes
- Preparació de l'acord de subvenció
- Gestió i Justificació d'ajuts
- Jornades
- Notícies
- Vacants RDI
- Listes de distribució
- Contacte

Projectes Nacionals

Projectes Institucionals

Informació Us donem la benvinguda! Heu iniciat la sessió.

Work Programmes Horizon Europe

A continuació es troben els vincles per a descarregar els esborranys dels Work Programmes corresponents al programa marc Horizon Europe, exclusivament per a ús intern del PDI. **Es prega no distribuir els mateixos fora de la comunitat UPC. Degut a la seva condició d'esborranys, el contingut d'aquests documents podria no coincidir amb la versió definitiva dels documents.**

**Esborrany
confidencials**

1- EXCELLENT SCIENCE

- ERC (draft)
- Research Infrastructures (draft)
- MSCA (draft)

2- GLOBAL CHALLENGES AND EUROPEAN INDUSTRIAL COMPETITIVENESS

- 1- Health (draft)
- 2- Culture, Creativity and Inclusive Society (pendent)
- 3- Civil Security for Society (pendent)
- 4- Digital, Industry and Space (draft)
- 5- Climate, Energy and Mobility (draft)
- 6- Food, Bioeconomy, Natural Resources, Agriculture and Environment (draft)
- Joint Research Centre (pendent)

3- INNOVATIVE EUROPE

- European Innovation Council - Pathfinder (draft)
- European Innovation ecosystems (pendent)
- European Institute of Innovation and Technology (pendent)

HE. Llistes de distribució temàtiques

Recerca, Desenvolupament i Innovació. RDI

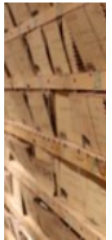
Sou a: [Inici](#) ▶ [SSRI](#) ▶ [Projectes Internacionals](#) ▶ [Llistes de distribució](#)

Projectes Internacionals	▶
■ Projectes finançats	📁
■ Horizon Europe	🔗
■ Horizon 2020	🔗
■ Programes internacionals de finançament	📁
■ Preparació de Propostes	📁
■ Preparació de l'acord de subvenció	📁
■ Gestió i Justificació d'ajuts	▶
■ Jornades	📁
■ Notícies	📁
■ Vacants RDI	📁
■ Llistes de distribució	▶
■ Contacte	📁
Projectes Nacionals	
Projectes Institucionals	

Subscriu-te

Des de la Unitat de Projectes Internacionals us volem mantenir informats de totes les novetats relatives al programes de finançament internacionals, noves convocatòries, jornades i altres informacions d'interès.

Per a rebre les nostres comunicacions, us podeu subscriure a les llistes específiques que hem creat per temàtica. A continuació trobareu l'enllaç a cadascuna de les llistes per a que pugueu gestionar la vostra subscripció, i una petita descripció de cadascuna.



- p.internacionals@mylist.upc.edu ⓘ Informació general sobre els programes de finançament internacional, curso d'utilitat
- erc@mylist.upc.edu ⓘ Informació sobre calls del European Research Council (ERC)
- msca@mylist.upc.edu ⓘ Informació sobre les accions Marie Skłodowska-Curie (MSCA)
- resinfra@mylist.upc.edu Informació sobre calls de Research Infrastructures
- he_cluster1@mylist.upc.edu ⓘ Informació sobre calls del cluster 1 - Health
- he_cluster2@mylist.upc.edu ⓘ Informació sobre calls del cluster 2 - Culture, creativity and inclusive Society
- he_cluster3@mylist.upc.edu Informació sobre calls del cluster 3 - Civil security for society
- he_cluster4@mylist.upc.edu Informació sobre calls del cluster 4 - Digital, industry and Space
- he_cluster5@mylist.upc.edu Informació sobre calls del cluster 5 - Climate, Energy and Mobility
- he_cluster6@mylist.upc.edu Informació sobre calls del cluster 6 - Food, bioeconomy, natural resources, agricult
- pathfinder@mylist.upc.edu Informació sobre calls de les convocatòries pathfinder del EIC
- erasmus+ka2@mylist.upc.edu ⓘ Informació sobre l'acció clau 2 del programa Erasmus+
- life@mylist.upc.edu ⓘ Informació sobre les convocatòries de projectes del programa Life

<https://rdi.upc.edu/ca/ssri/proj-internacionals/llistes-de-distribucio>



Principals novetats a les propostes d'HE

Formes d'avaluació

PROPOSALS – novelties HE (I)

- Condition for **consortia**: at least three independent legal entities each established in a different Member State or associated country and with at least one of them established in a Member State, unless the work programme provides otherwise
- More countries can become **associated countries**, such as the UK (at present [16 countries](#))
- **Less prescriptive** topics, allowing for multiple ways to achieve the impact

PROPOSALS – novelties HE (II)

- Focus on **innovation** in HE: Transforming leadership in science into **leadership in innovation and entrepreneurship**
- Relevance of **Social innovation** –societal benefits affecting the citizens' everyday lives, collaboration model, citizens' engagement → expert in SSH
- Proposal template with more specific language on **Dissemination and Exploitation (D&E)** and the related activities
- Not a full fledged D&E plan is required at proposal stage, but a **complete exploitation, dissemination and communication plan** has to be submitted **during the first 6 months** of the project
- **Integrate impact** considerations into all sections of the proposal. Excellence –Impact –Implementation must be well linked to each other
- Applicants must describe a plausible pathway to impact over time, **including beyond the lifetime of a project**

PROPOSALS – novelties HE (III)



The **UN Sustainable Development Goals** will be put in a central place in HE:

- **Health:** SDG 3 –Good Health and Well-Being for People; SDG13 –Climate Action
- **Culture, creativity and inclusive society:** SDG 1 -No Poverty; SDG 3 –Good Health and Well-Being for People; SDG 4 -Quality Education; SDG 5 -Gender Equality; SDG 8 –Decent Work and Economic Growth; SDG 9 –Industry, Innovation and Infrastructure; SDG 10 -Reducing Inequalities; SDG 11-Sustainable Cities and Communities; SDG 16 –Peace, Justice and Strong Institutions
- **Civil Security for Society:** SDG 16 –Peace, Justice and Strong Institutions
- **Digital, Industry and Space:** SDG 8 -Decent Work and Economic Growth; SDG 9 -Industry, Innovation and Infrastructure; SDG 12 -Responsible Consumption and Production; SDG-13 Climate Action
- **Climate, Energy and Mobility:** SDG 6 -Clean water and sanitation; SDG 7 -Affordable and Clean Energy; SDG 9 -Industry, Innovation and Infrastructure; SDG 11 -Sustainable Cities and Communities; SDG 12 –Responsible consumption and production; SDG 13 -Climate Action
- **Food, Bioeconomy, Natural Resources, Agriculture and Environment:** SDG 2 –Zero Hunger; SDG 3 –Good Health and Well-Being; SDG 6 -Clean Water and Sanitation; SDG 8 –Decent Work and Economic Growth; SDG 9 –Industry, Innovation, and Infrastructure; SDG 11 –Sustainable Cities and Communities; SDG 12 -Responsible Consumption and Production; SDG 13 –Climate Action; SDG 14 –Life Below Water; SDG 15 -Life on Land

PROPOSALS – novelties HE (IV)

- Gender issues: any legal entity (public body, research centre or higher education institution) must have an **Equality Plan** in place to access funding from HE
- Shorter proposals: Unless stated otherwise in the call topic conditions, **the limit for a full application is 45 pages**, except for Coordination and Support Actions (**CSA**), where the limit is 30 pages and for programme co-fund actions (**CoFund**), where the limit is 70 pages without annexes. The limit for a first-stage application is 10 pages → **CHANGES AT LEVEL OF TEMPLATES!**

Open Science in HE (I)



- **Immediate open access** through **trusted repository** (at the latest at the time of publication), no more embargo periods
- **Open Research Europe**: An Open Access and publishing platform offering fast publication and open peer review for research
- **Only** publication fees (if any) in **full open access venues** for peer-reviewed scientific publications are **eligible for reimbursement** (no *hybrid open-access journals*)
- Beneficiaries/authors **must retain sufficient IPR** to comply with their OA requirements
- Emphasis shifts **from open research data to RDM. DMP** part of the proposal and refined as a deliverable in M6 + updates
- **No opting out** of RDM. Projects generating research data **MUST manage their data** responsibly and in line with FAIR (Findable, Accessible, Interoperable and Re-usable) principles

Open Science in HE (II)



- **Research data** generated by the project ‘as open as possible as closed as necessary’, i.e. there can be **exceptions to open access to research data** (duly justified in the DMP; legitimate interests or constraints)
- **Costs for RDM** (for example data storage, processing and preservation) are **eligible**
- For some actions, additional **obligation** to deposit in a repository that is **federated under EOSC** (European Open Science Cloud)
- **Citizen science** could play a valuable role.

EVALUATION – novelties HE (I)

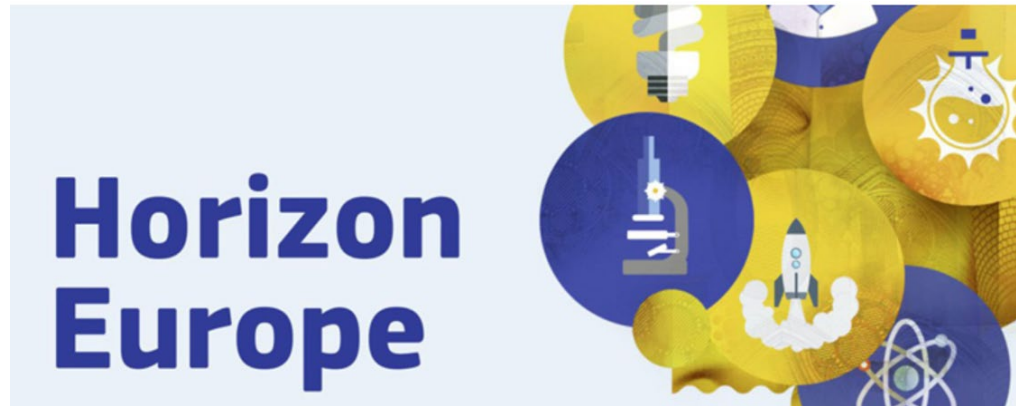
- **Three evaluation criteria:** Excellence, Impact and Quality of Implementation
- Use of **'blind' evaluation pilot** in the first stage of two-stage procedures
- **Fair and transparent** methods and criteria for **proposals with the same score**; possible introduction of **geographic diversity** (on-going discussion)
- Possible **re-calibration of the scoring system** to increase the range above threshold

EVALUATION – novelties HE (II)

- **Quality of applicants** to be assessed under **implementation**
- Simplification/removal of assessment of **management structures** (two or three management models will be published as an example)
- **Interaction with applicants (pilot schemes): Interviews** (hearings) where appropriate or ***right to react*** (rebuttal) allowing reaction to preliminary evaluation comments
- A **portfolio approach** (Missions and EIC Pathfinder): aiming to fund a group of actions that are intended to achieve all together a measurable common goal

[N.B. **Target** of female experts: **50%** (40% in H2020)] [F&T](#)

[Portal](#)



Principals novetats a les propostes d'HE Formes d'avaluació

ESPECIFICITATS MSCA I ERC

HE MSCA

Continuity and simplification But

The MSCA in Horizon Europe

- Overall: **continuation**
- Creating **impact** on researchers, institutions, systems
- Building upon the strong **international** dimension of the programme and reinforcing its **inter-sectoral** and **interdisciplinary** characters
- **5 areas of intervention:**
 - *mobility of researchers*
 - *training of researchers*
 - *strengthening human capital across the ERA (by spreading best practices across institutions and systems)*
 - *facilitating synergies*
 - *promoting public outreach*

The Commission proposes a budget of **EUR 6.8 billion** for the MSCA.

Evolution in the MSCA's implementation

- **Streamlined actions**, clearer identity
- **Simpler** rules, **fine-tuned** definitions, **harmonised** conditions
- Continuation and expansion of **simplified form of grants**
- **Demand management** to maintain high-quality and attractiveness
- Strengthen **structuring effects** on host institutions
- More guidance on **supervision** and **exposure beyond academia**
- Improved internal coherence between actions
- Reinforced synergies within Horizon Europe and between programmes: **Erasmus+, ERC, EIT, COST, EIC, Research Infrastructures, ...**
- Synergies between funding instruments: **European Regional Development Fund (ERDF); European Social Fund (ESF+)**

HE MSCA

MSCA 2021-2027



1. MSCA Doctoral Networks → *networks training doctoral candidates*
2. MSCA Postdoctoral Fellowships → *postdoctoral researchers*
3. MSCA Staff Exchanges → *any type of research(-related) staff*
4. MSCA COFUND → *co-funding training programmes*
5. MSCA and Citizens → *public outreach events*

The information in this presentation is still subject to change



Proposal Novelties HE MSCA (I)

- **New Deadlines**

ACTION	OPENING CALL	DEADLINE
MSCA Doctoral Networks	04 May 2021	16 Nov 2021
MSCA Postdoctoral Fellowships	15 April 2021	15 Sep 2021
MSCA Staff Exchange	07 Oct 2021	09 March 2022
MSCA COFUND	10 Oct 2021	10 Feb 2022
MSCA & Citizens		

ACTION	OPENING CALL	DEADLINE
MSCA Doctoral Networks	03 May 2022	15 Nov 2022
MSCA Postdoctoral Fellowships	14 April 2022	14 Sep 2022
MSCA Staff Exchange	06 Oct 2021	08 March 2023
MSCA COFUND	09 Oct 2022	09 Feb 2023
MSCA & Citizens	17 Jun 2021	14 Oct 2021

Proposal Novelties HE MSCA (II)

Strengthening Intersectoral Collaboration

“building new and sustainable international and inter-sectoral partnerships and networks; better transfer of knowledge between sectors and disciplines, enhancing their global reputation and visibility”

“innovation-oriented mind-set”

“Additional placement at the end of the project to work on R&I projects in an organisation from the non-academic sector established”

Strengthening Doctoral programmes

MSCA Doctoral Networks are encouraged to lead to Industrial or Joint Doctorates .

Enrollment in a doctorate programme is compulsory, Doctorate scheme

Staff definition includes doctoral students RISE

Virtual Mobility

Proposal Novelties HE MSCA (IV)

- **Reapplication Restrictions**

Doctoral Networks:

- Proposals submitted to the previous call of MSCA Doctoral Networks under Horizon Europe and having received a score of less than 80% should not be resubmitted the following year.

Postdoctoral Fellowships:

- Supported researchers must have a maximum of 8 years full-time equivalent experience in research
- Applicants below a certain quality threshold (70%)

Proposal Novelties HE MSCA (V)

The MSCA in Horizon Europe: Policy Background, Guiding principles and Priorities

- Contribution to the European Research Area (ERA) and European Education Area (EEA)
- Contribution to the EU external policy objectives and UN Sustainable Development Goals (SDGs)
- Commitment to the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers + Innovative Doctoral Training Principles
- Underlying Principles: Open Science, Responsible Research & Innovation (RRI)
- Contribution to the European Green Deal objectives
- Contribution to the Climate Action target of Horizon Europe (35% of budget)

- **new:**

ERA4YOU

https://ec.europa.eu/info/sites/info/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_com-2020-628.pdf

MSCA Green Charter

Proposal Novelties HE MSCA (VI)

Special issues:

- Part Time
- Long Term Leave allowance
- Family Allowance

Proposal Novelties HE MSCA (VII)

- country-specific correction coefficients (CCC)
HE ES **91,3%** (H2020 95,4%)
- update allowances

	Contributions for recruited researchers per person-month			Institutional unit contributions per person-month	
	Living allowance	Mobility allowance	Family allowance (if applicable)	Research, training and networking contributions	Management and indirect contributions
MSCA Doctoral Networks	EUR 3 <u>400</u>	EUR 600	EUR 660	EUR 1 600	EUR 1 200
MSCA Postdoctoral Fellowships	EUR 5 <u>080</u>	EUR 600	EUR 660	EUR 1 000	EUR 650
	Top-up allowance	Special needs allowance (if applicable)		Research, training and networking contributions	Management and indirect contributions
MSCA Staff Exchanges	EUR 2 300	<u>requested unit</u> x (1/number of months)		EUR 1 300	EUR 1 000

Evaluation Novelties HE MSCA

New award criteria are under discussion.

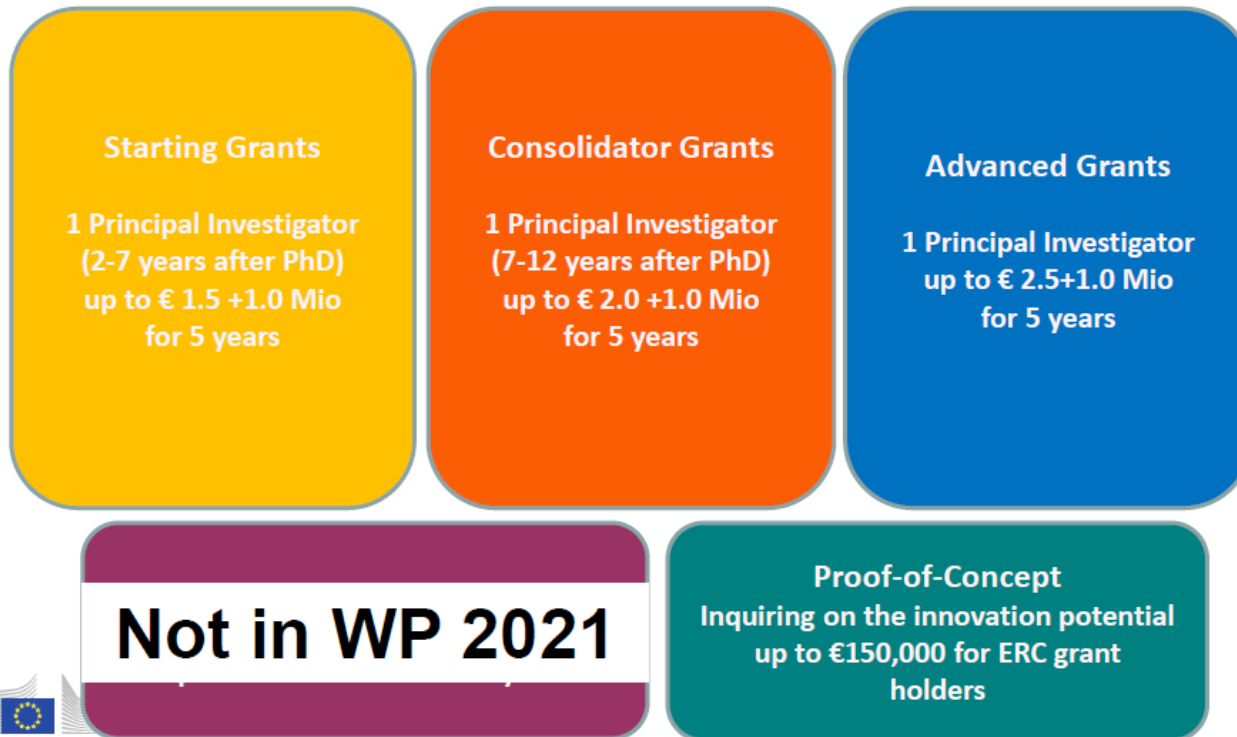
- Excellence
- Impact
- **Andgeographical diversity** at country level.....
- **Operational capacity – CV of supervisors**

Proposal Novelties HE ERC (I)

ERC funding schemes



European Research Council
Established by the European Commission



Proposal Novelties HE ERC (II)

- **Changes to call calendar:** First calls can open only after the expected adoption of the 2021-2027 EU Budget and the HE regulation.
- suspension of Synergy Call

Indicative summary of main calls from the 2021 budget¹

	Starting Grant	Consolidator Grant	Advanced Grant	Proof of Concept Grant
<i>Call identifier</i>	ERC-2021-StG	ERC-2021-CoG	ERC-2021-AdG	ERC-2021-PoC
<i>Call Opens</i>	12/01/2021	21/01/2021	20/05/2021	14/01/2021
<i>Call closes (cut-off dates for PoC)</i>	09/03/2021	20/04/2021	31/08/2021	16/03/2021 17/06/2021 20/10/2021

Proposal Novelties HE ERC (III)

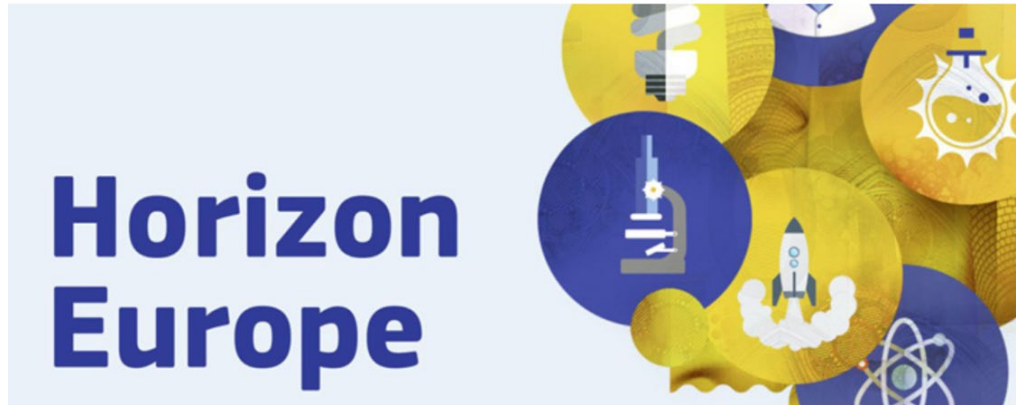
- **Additional funding** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work:
 - (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or
 - (b) the purchase of major equipment and/or
 - (c) access to large facilities and/or
 - (d) (new) other major experimental and field work costs, excluding personnel costs.**

Proposal Novelties HE ERC (IV)

- **International organisations* headquartered in the EU or Associated Countries are now eligible to become Host Institutions** (previously only 28 such organisations were eligible as “international European interest organization”): ~80 newly eligible organisations expected.
- **Page limit** for PoC proposals will include also the section ‘action description’, with the total increased from 7 to **10 page**.
- **2021-2022: Contours of panels redefined, descriptors enriched (especially LS), two new panels (PE11 Materials Engineering , SH7 Human Mobility, Environment, and Space)**

Evaluation Novelties HE ERC

- Introduction of **interviews in the Advanced Grant** evaluation process to enable applicants to defend their proposals in front of the panel and hold a direct exchange with panel members, similarly to StG and CoG.



Aspectes Legals i Financers

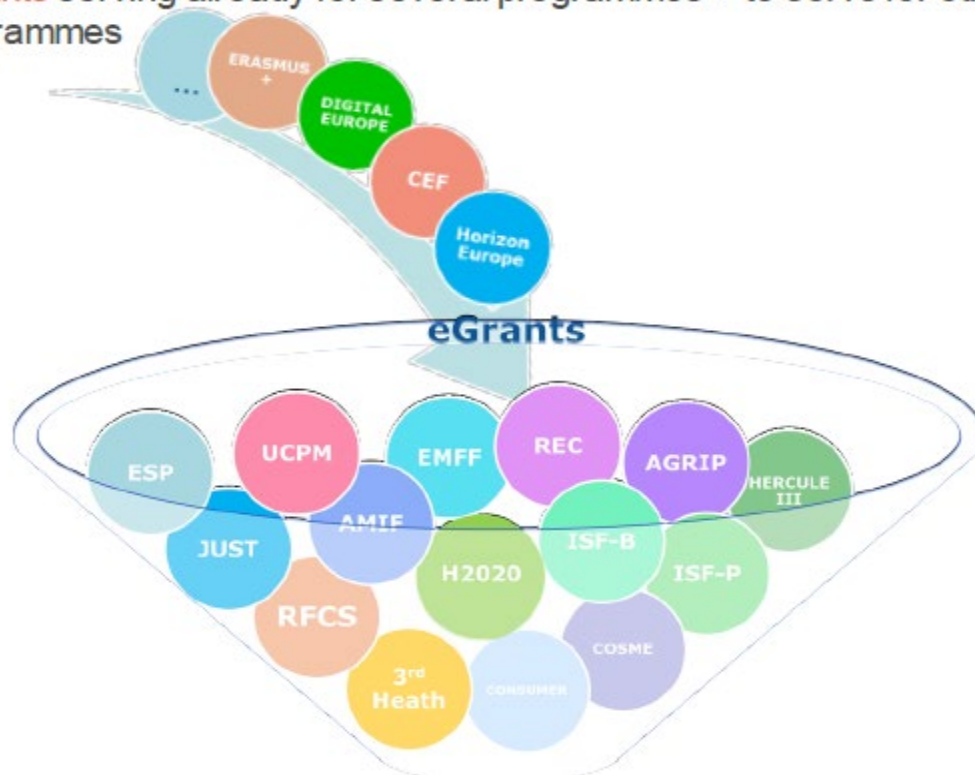
Aspectes legals & financers

1. Corporate Model of Grant Agreement (MGA)
2. Personnel costs
3. Third parties
4. Internal invoices
5. Audits
6. Exploitation and IPR

Corporate MGA (I)

A bit of background...

- Numerous Model Grant Agreements (MGAs): paper-based or electronically-managed ('eGrants')
- eGrants serving already for several programmes + to serve for other programmes



Corporate MGA (II)

The Corporate Approach

Goal: Simplification & harmonisation

- Adopted 12/06/2020 (C(2020)3759)
- The Commission made the use of the Corporate MGA mandatory for all funding programmes.
- Certain options and provisions can be adapted per programme
- BUT daily rate personnel cost approach is a fixed horizontal provision

→ limited room for maneuver for HE

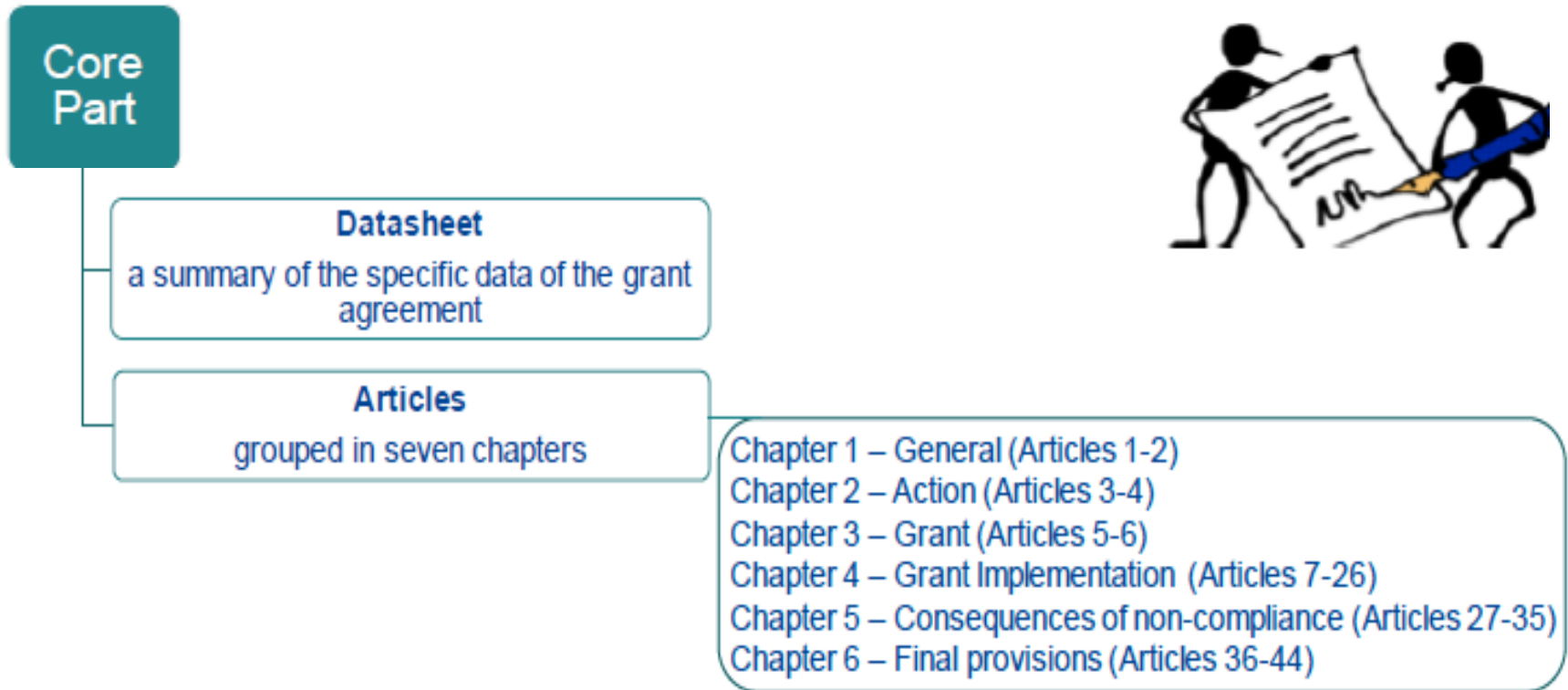


Corporate MGA (III)

- ✓ Un sol MGA “corporatiu” d’aplicació general a tots els programes gestionats per la CE
- ✓ MGA més fàcil d’utilitzar
- ✓ Estructura més senzilla



Corporate MGA (IV)



Corporate MGA (V)

Data Sheet incorporated in the MGA, with key info at a glance, notably:

- General project information (title/acronym; Call/topic; etc.)
- Maximum grant amount
- Form of grant
- Forms of costs and contributions
- Composition of the consortium (types of participants)
- Reporting and Payments schedule
- Information on certificates (if applicable; type; threshold)
- Applicable law & dispute settlement forum
- Time-limits applicable after the action for certain obligations (confidentiality; audits, etc.)



Why?

- To facilitate the reading and the understanding of key elements of the GA
- To simplify the management of amendments to grant agreements
- To shorten the text by cross-referring to the Data Sheet information



Corporate MGA (VI)

Annex 2
Budget
Table

Continuïtat en categories de costos:

- A. Personnel Costs
- B. Subcontracting costs
- C. Purchase costs (travel, equipment, other)
- D. Other costs categories
- E. Indirect costs

Corporate MGA (VII)

Annex 5 Special Rules

- **Security** (Article 13)
- **Ethics** (i.e. research integrity) (Article 14)
- **Values** (i.e. gender mainstreaming) (Article 14)
- **IPR** (Article 16)
- **Communication, Dissemination, Open Science and Visibility** (Article 17)
- **Specific rules for carrying out the action** (Article 18)
 - recruitment and working conditions,
 - specific rules for access to research infrastructure actions,
 - specific rules for PCP and PPI procurements,
 - specific rules for co-funded partnerships,
 - specific rules for ERC actions,
 - specific rules for EIT-KIC actions,
 - specific rules for MSCA actions
 - Specific rules for EIC actions

Personnel Costs (I)

Towards a future corporate approach...



$$\text{Daily rate} = \frac{\text{annual personnel costs for the person}}{215}$$



Days worked = Monthly declarations instead of time sheets

Disclaimer: Information not legally binding



In Horizon Europe the *Last Closed Financial Year* model is gone.

Personnel Costs (II)

Càlcul costos personal: d'H2020 a HE



Tarifa horaria & any tancat



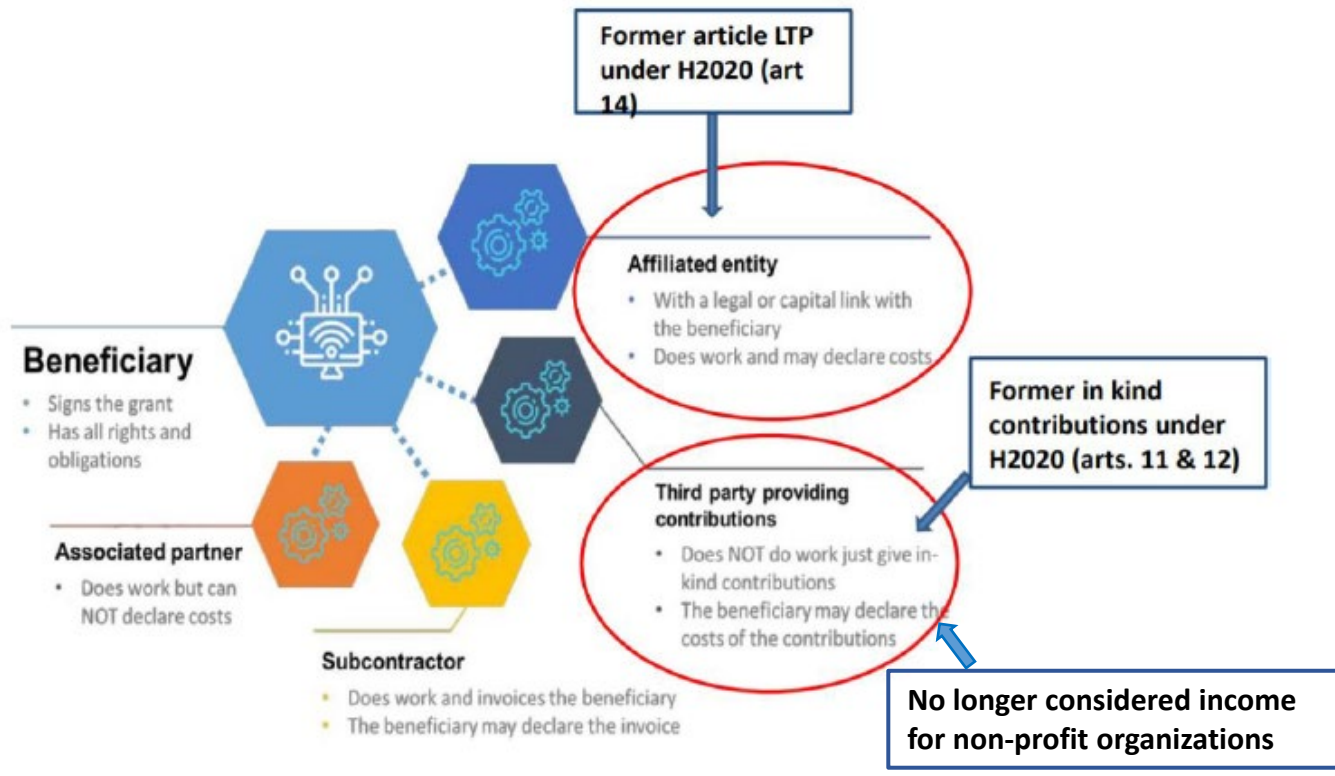
Tarifa diària & cost actual

Day equivalent UPC = 7,33 hores

$$\text{COST PERSONAL} = \text{COST DIARI} \times \text{DIES TREBALLATS ACCIÓ}$$

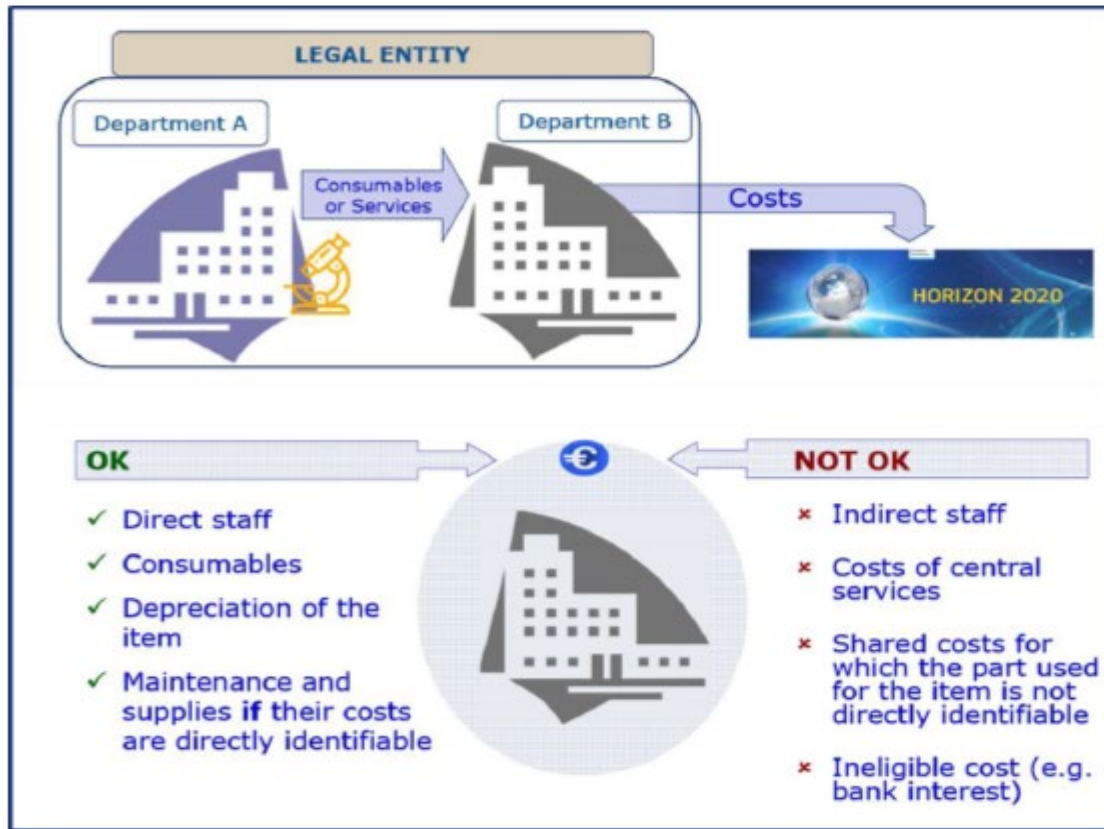
Third parties (I)

Type of participants



Internal invoices (I)

The situation today...



Internal invoices (II)

The situation tomorrow...

Wider reliance on beneficiary's usual cost accounting practices (Art 31 HE RfP).

Possibility to accept actual indirect costs allocated via key drivers in the unit cost, **if beneficiary's usual cost accounting practices!**

No application of the 25% flat-rate on top of the unit cost



Audits (I)

Necessitat d'auditoria & presentació CFS

Costos totals projecte (inclou IC)



Costos totals
> 430.000€

Informe d'auditoria s'entrega una vegada al finalitzar l'acció

No presenten auditoria projectes bastats en costos unitaris com

MSCA o LUMP SUM

Exploitation and IPR (I)

Exploitation and dissemination (D&E)

- Cuts across the **overall project life cycle**, from the proposal until after the end of the project

Obligation of beneficiaries to exploit their R&I results

- Responsibility of the beneficiaries on a “best efforts” approach
- If despite the best effort for exploitation no uptake happens within a specific period after the end of the project (1 year), then the project must use the **Horizon Results Platform (HRP)** to make exploitable results visible
- The HRP is free, is **part of the F&T portal**, available to all beneficiaries and is based on results, not on projects
- For the following period there will probably be a structured questionnaire available to beneficiaries to report on the progress, their needs and obstacles on their path for exploitation

Exploitation and IPR (II)

Follow up on R&I results after the end of the project

Results ownership list (ROL): “Beneficiaries must indicate the owner (s) of the results (results ownership list) in the final periodic report.

- Form in the reporting template
- To be delivered in the last reporting period
- Snapshot: follow-up after the end of the project
- Failure to fill in it: blocking of the final periodic report

Horizon Results Platform

Plataforma per l'exploració de resultats

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform>

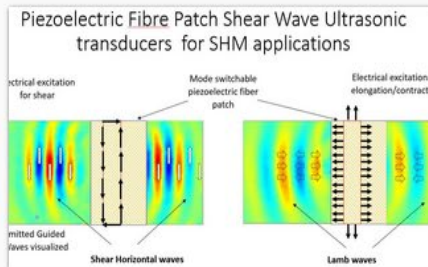


"Turning Europe's research results into innovations which generate value for economy, society and contribute to a sustainable future."

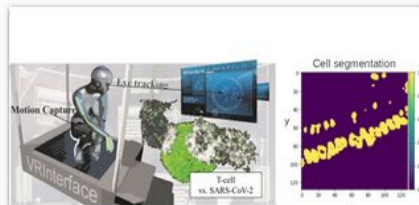
[Need help?](#)

- Results likely to influence policy
- Looking for funding, loans, or investments
- Looking for technical or infrastructure help or fellowship
- Results by contribution to UN SDGs
- Looking for help on the way to market
- Looking for collaboration

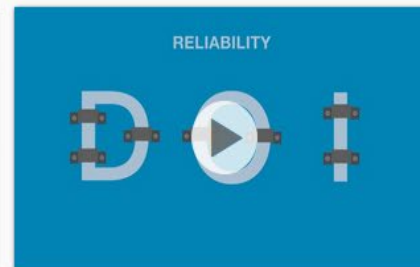
Latest results



A mode selective sensor for structural health monitoring with guided elastic waves

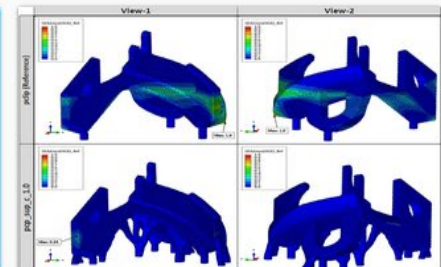


Virtual Reality environment for SARS-CoV-2 annotation and Artificial Intelligence improvement.



DOIs for data - a crucial step in Open Science

The ILL, with the support of the European



Method for prediction of process induced distortion in Additive Manufacturing

Horizon Europe



Precs i Preguntes



MOLTES GRÀCIES PER LA VOSTRA ATENCIÓ

Unitat de Projectes Internacionals

Cttinfo.europeus@upc.edu

<https://rdi.upc.edu/ca/ssri/proj-internacionals>



@RDI_inter_UPC