



This project is co-funded by the European Union
and the Republic of Türkiye



From Idea to Proposal: Key Steps & Best Practices

Horizon Europe National Info Day
22 December 2025, İstanbul

Nikolaos FLORATOS
Sr. Training Expert



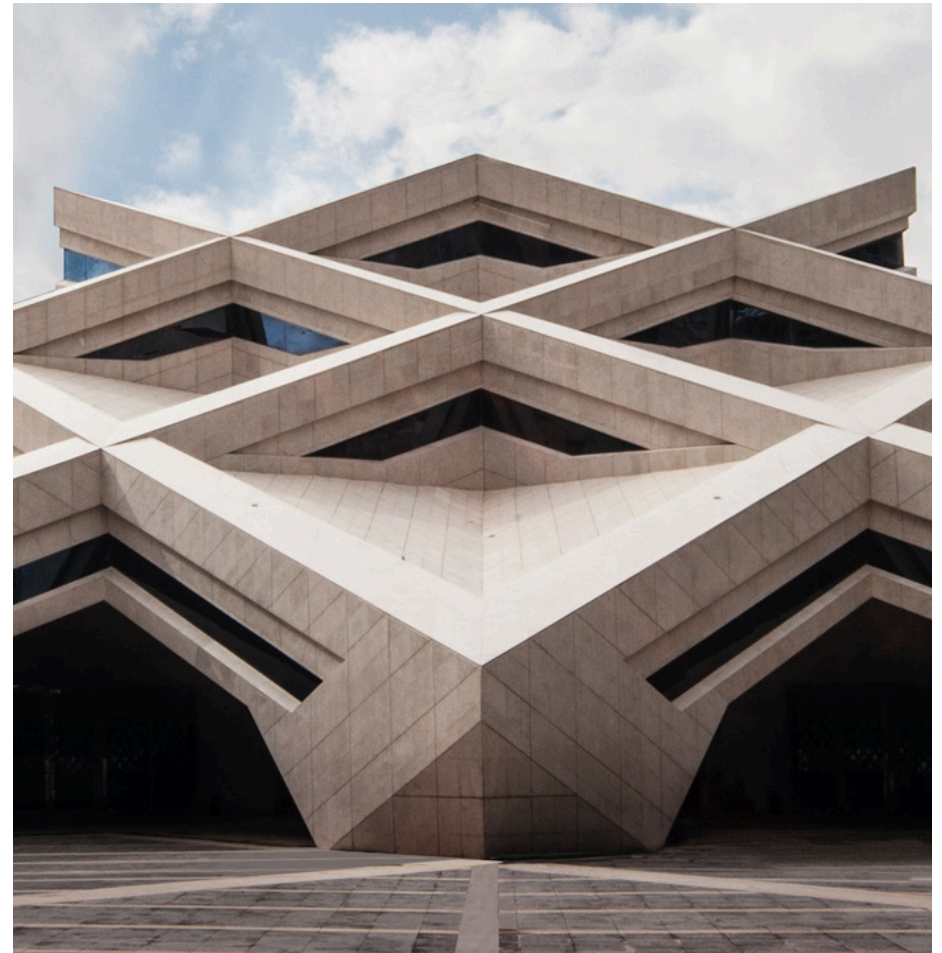
Click to edit Master title style

From Idea to Proposal: Key Steps & Best Practices (60')

- *Understanding Horizon Europe calls and work programmes effectively.*
- *Essentials of forming a strong consortium and defining roles.*
- *Critical best practices in proposal writing (focus on clarity, impact, and innovation).*
- *Key insights from an evaluator's perspective (common pitfalls to avoid).*
- *Practical tips for newcomers to get started.*

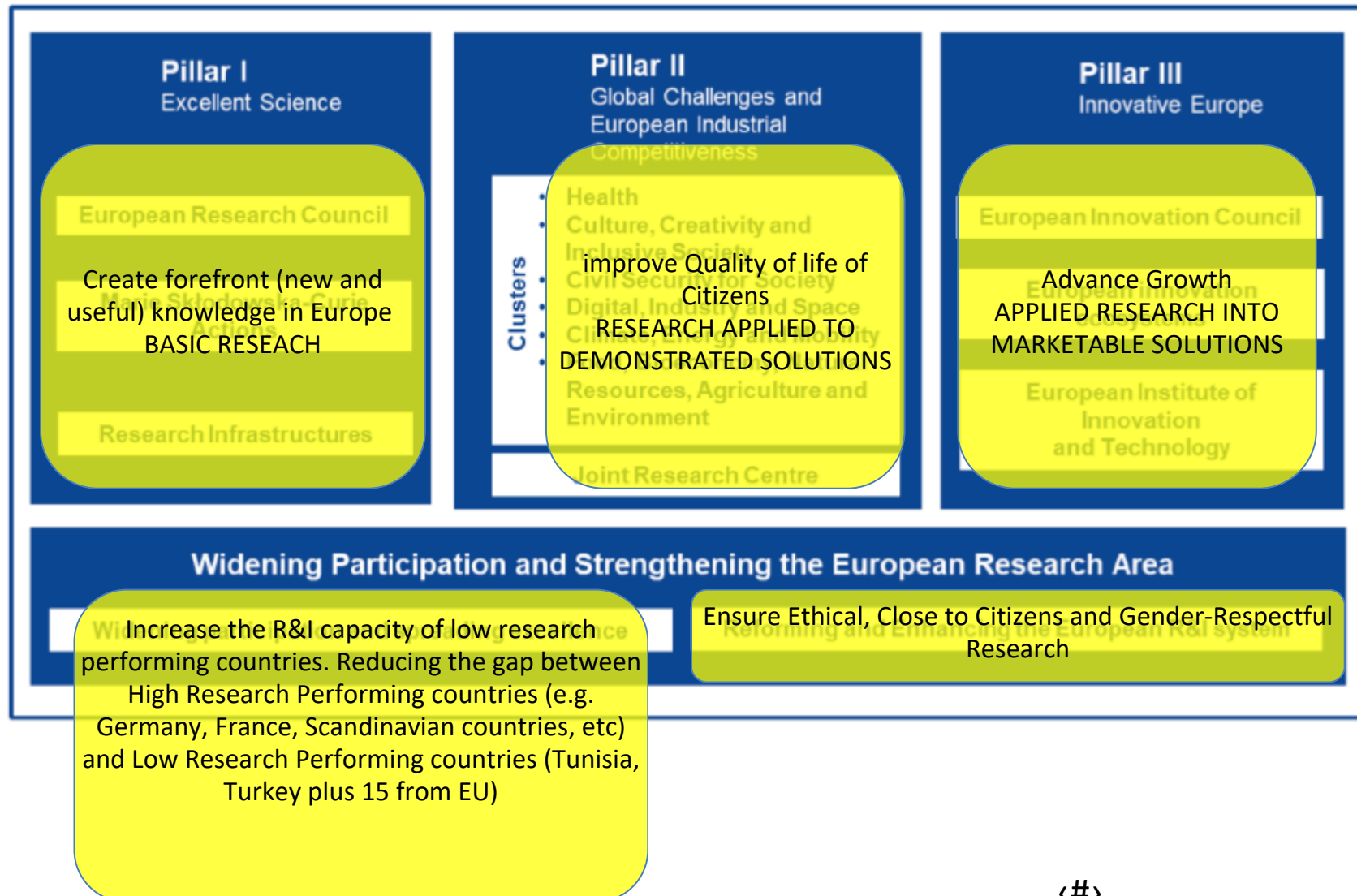
Technical Project Management in Horizon Europe (45')

- Work package design and deliverables.
- Project monitoring and reporting.
- Risk management and amendments
- Practical insights into maintaining compliance and collaboration throughout the project lifecycle.

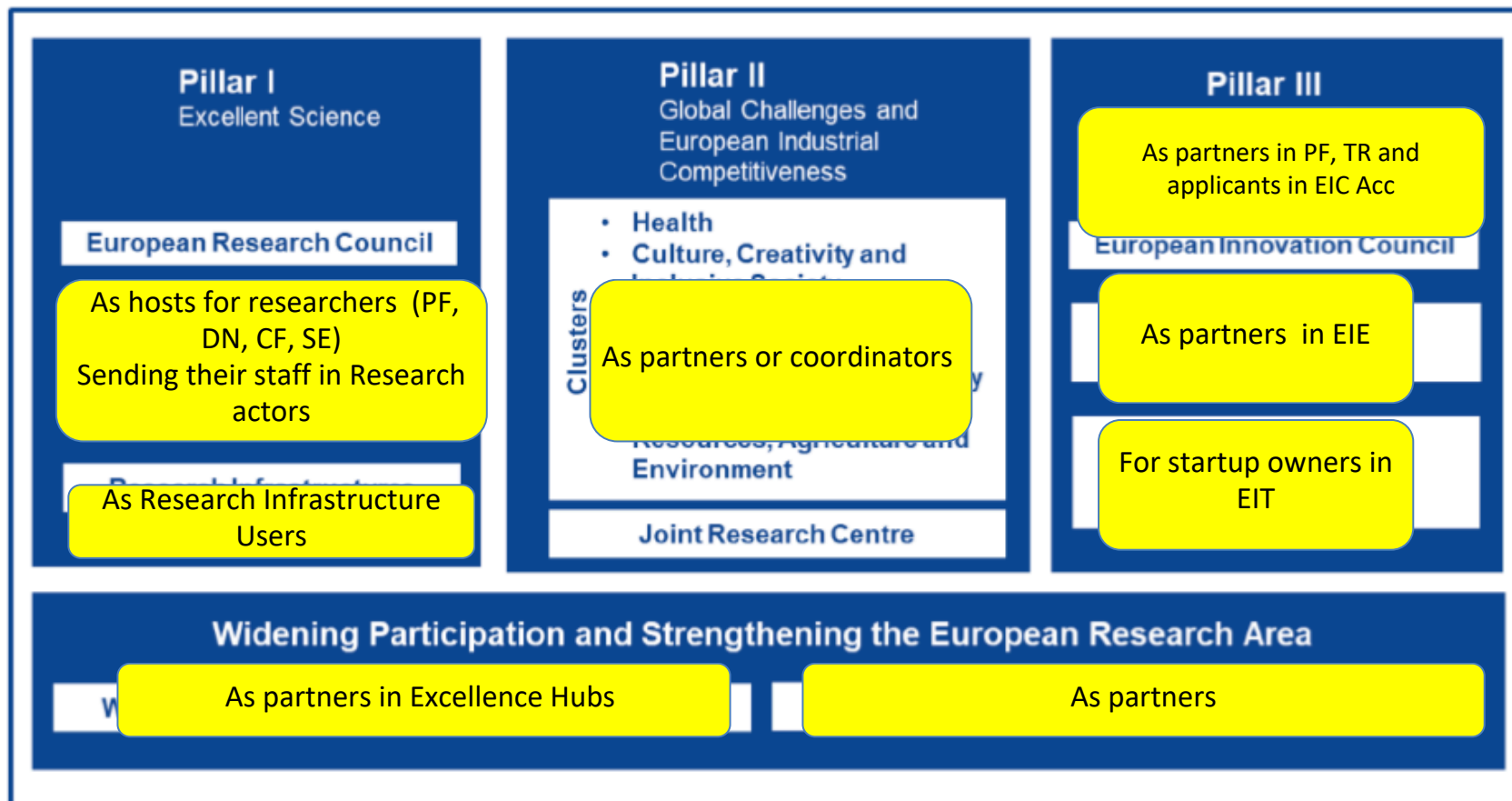


*Understanding Horizon Europe calls and work
programmes effectively*

Click to edit Master title style



Click to edit Master title style



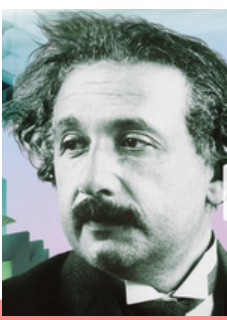
Important Note: Horizon Europe is not only for Research Actors!!!

Intelligence behind Horizon Europe Structure/Actions and TRLs

Click to edit Master title style



Horizon Europe and TRLs Paradigm



Year 1905

Albert Einstein laid the foundations for understanding solar cells with his theoretical explanation of the photoelectric effect and proved that solar cells can convert sunlight into electricity



Bell Laboratories

Year 1954

The first solar cell is created in the US at Bell Labs. It had an energy conversion efficiency ~ 5%



Year 2018

ETH Zurich and Empa via the spin-off company Flisom produce flexible thin-film solar cells with energy conversion efficiency 20.4%



TRL 1: Basic Principles

TRL 2: Technology Formulation

TRL 3: First laboratory tests

TRL 4: System/Technology validated in lab

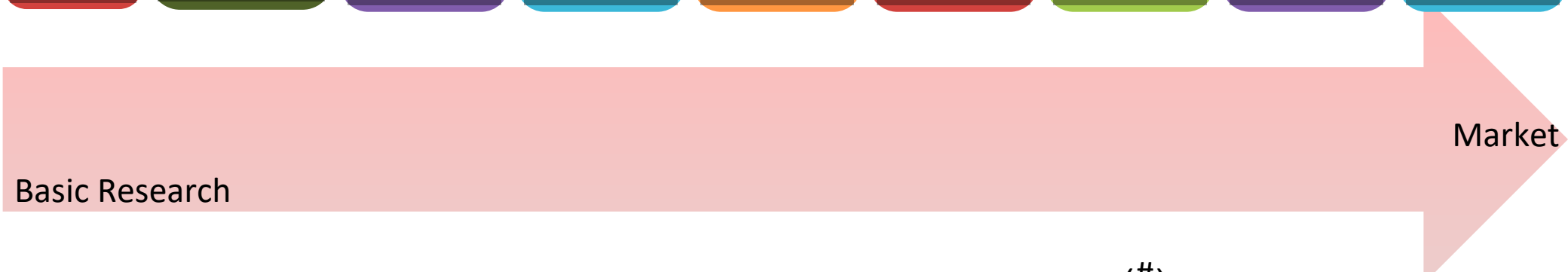
TRL 5: Technology validated in relevant environment

TRL 6: Technology demonstrated

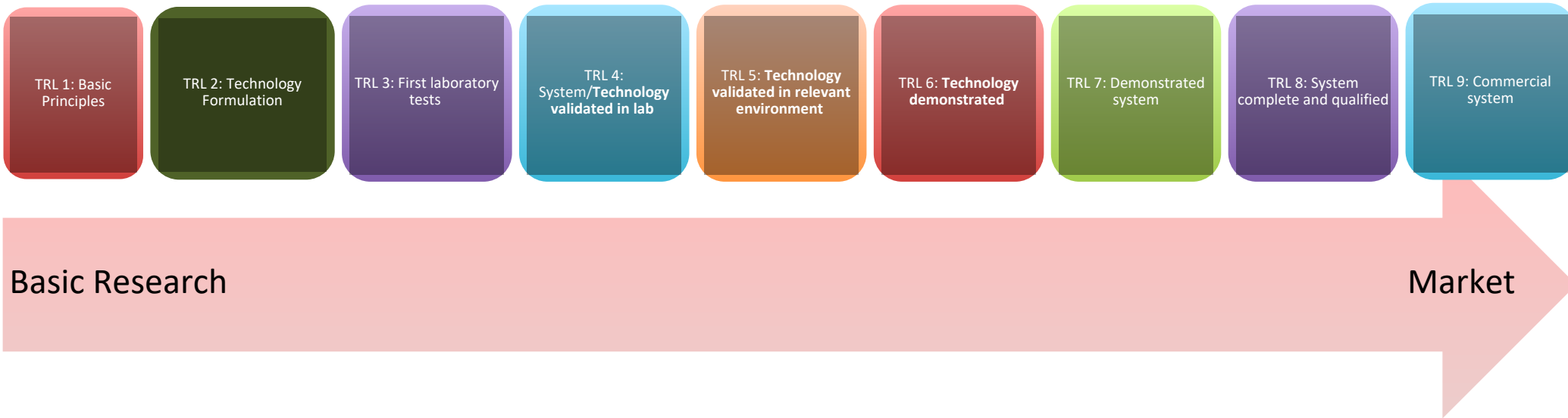
TRL 7: Demonstrated system

TRL 8: System complete and qualified

TRL 9: Commercial system



Horizon Europe Projects TRLs Increase

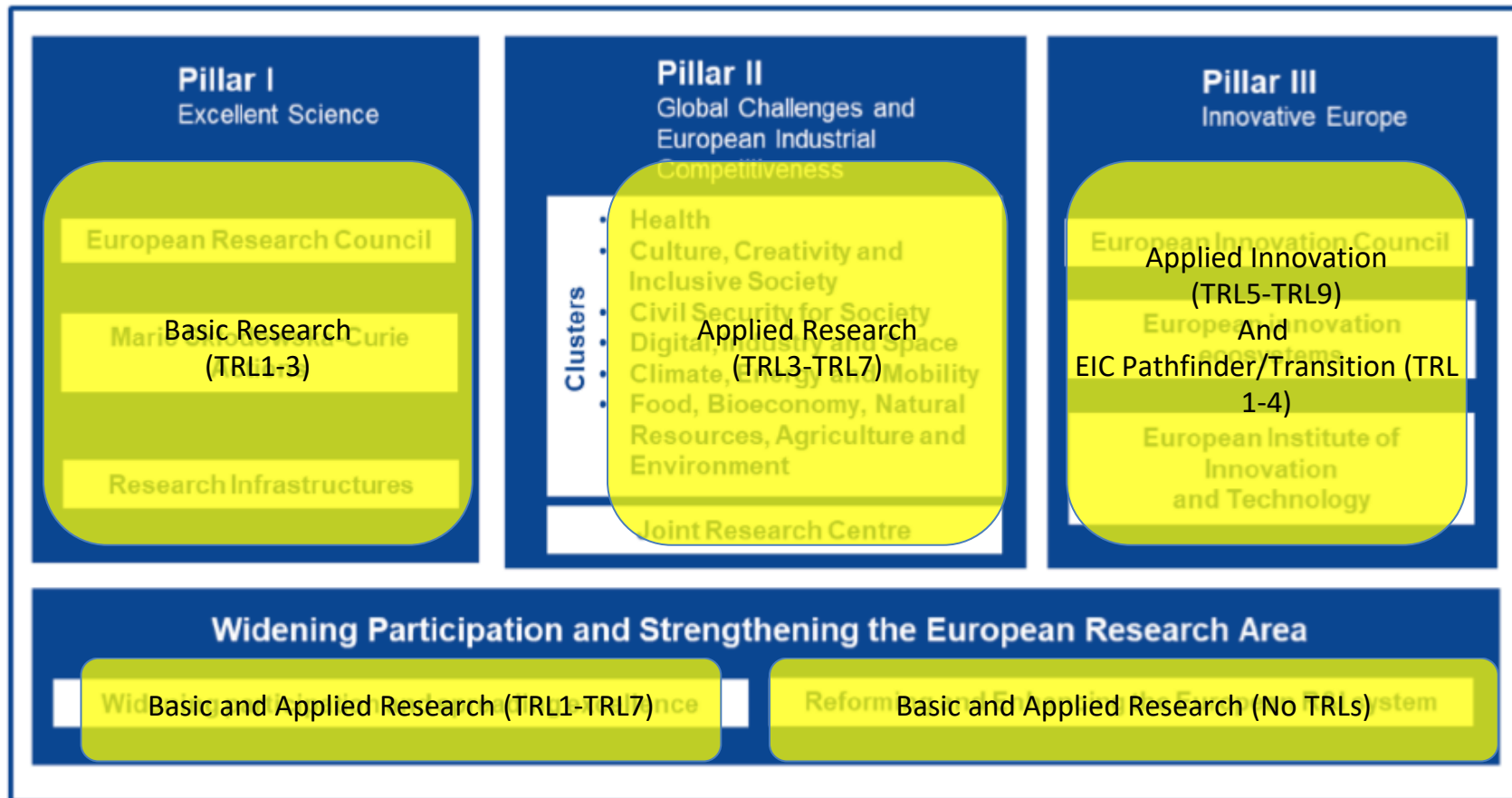


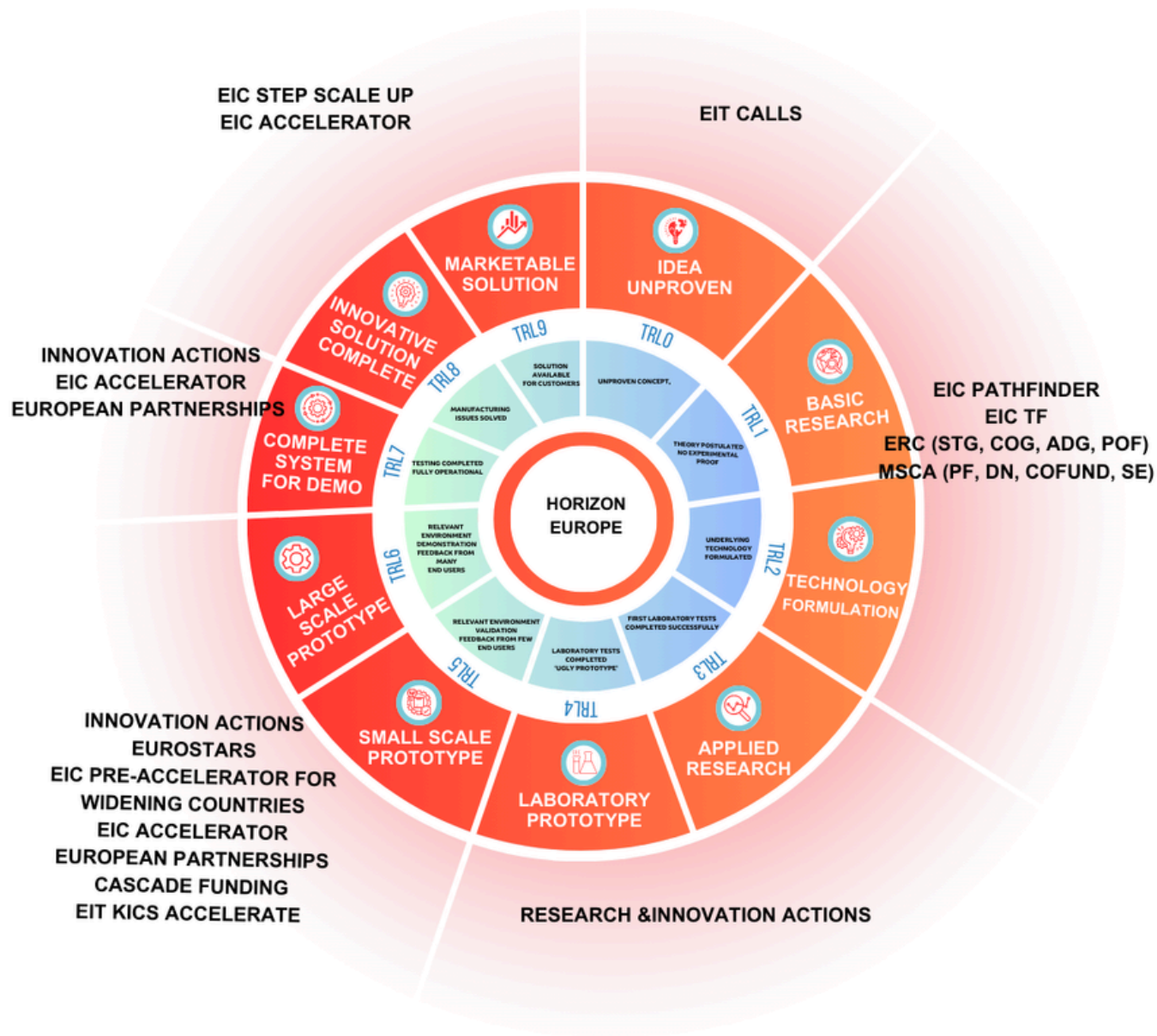
Rule of Thumb

~ two TRLs increase are expected within Horizon Europe Project lifecycle

<#>

Click to edit Master title style





Horizon Europe 😊

- Attractive Funding rate (70-100%)
- Advance Payments of up to 40% within 45-90 days
- Collaboration with top research & innovation actors in your area
- Open new markets
- Non-bureaucratic or non-heavy administrative procedures
- Calls with Lump Sum payments

Horizon Europe 😞

- European and beyond competition
- Hard to join a consortium
- Difficult to write a successful proposal
- Complex funding maze

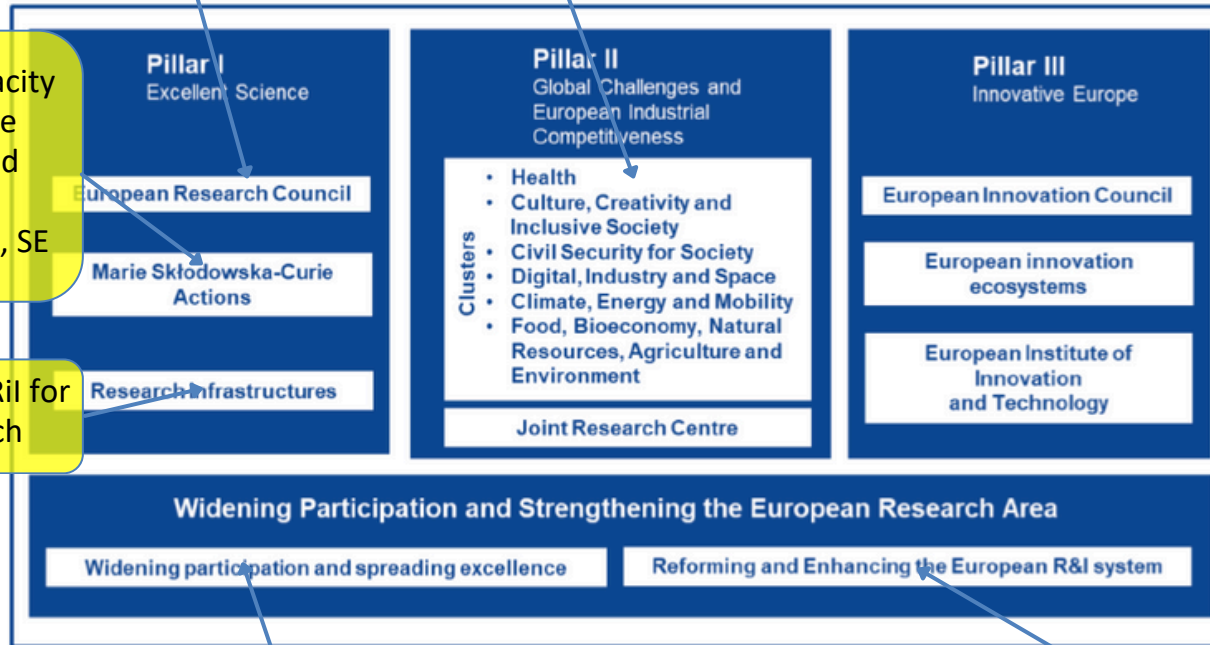
Click to edit Master title style

ERC: Funding for Breakthrough basic research wrt PI's experience (StG, CoG, AdG, SyG, PoC)

Collaborative applied research actions with specific prescribed goals.
With focus on Research (RIA) or Innovation (IA)

MSCA: Funding for capacity building of early stage researchers (PhDs and Postdocs)
MSCA PF, DN, COFUND, SE

Building and advancing RI for breakthrough research



Grants for transforming research outcomes into innovative solutions
EIC Pathfinder, Transition, Accelerator,
EIT support actions or EIE accelerations

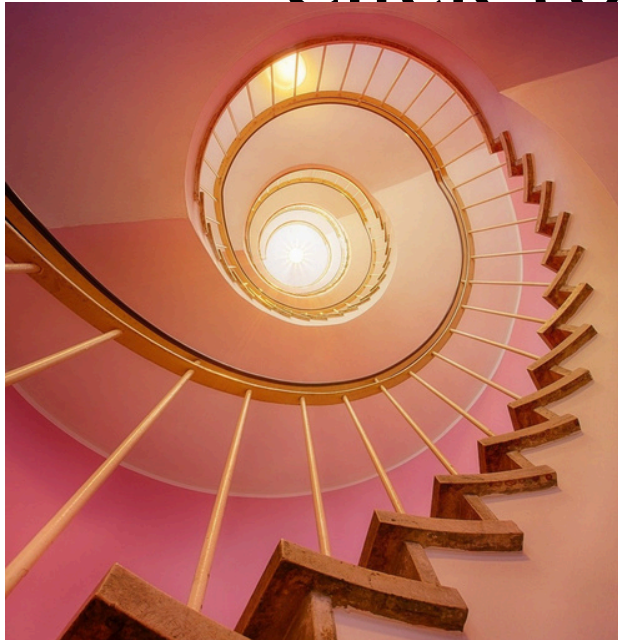
Basic and Applied Research for reducing the R&I gap

No research actions just support ones for Responsible Research

Intelligence behind Horizon Europe Top-Down and Bottom-up Concepts

B-U, T-D

Click to edit Master title style



- Project ideas are either based on open call topics, i.e.
 - open and
 - proposer-driven
- or Project ideas are based on **top-down** call topics, i.e..
 - Prescriptive by EC and
 - Impact driven

Click to edit Master title style

B-U Calls

Pillar I Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures

T-D Calls

Pillar II 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

B-U Calls

Pillar III 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

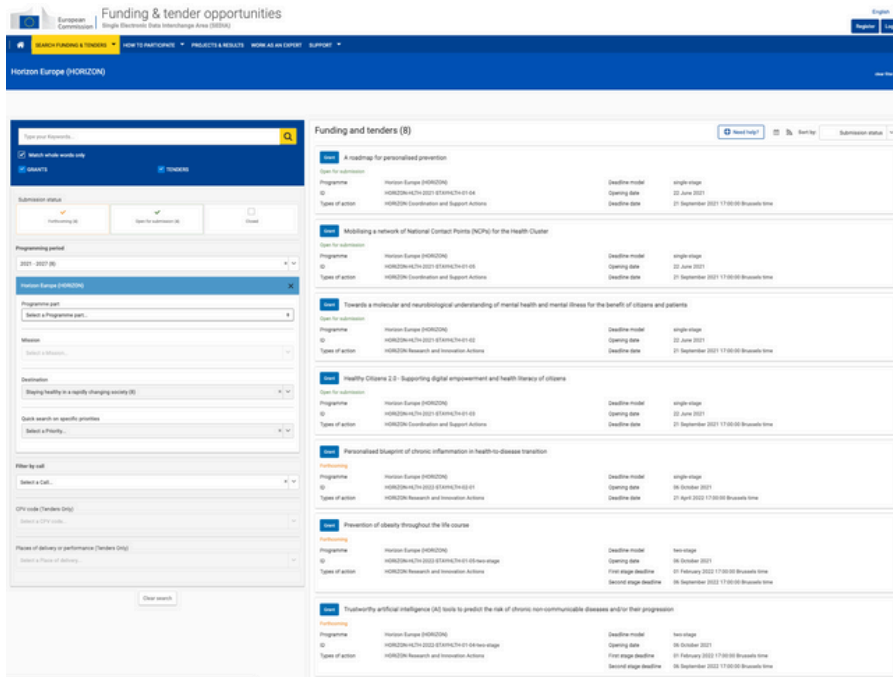
Reforming and Enhancing the European R&I system

B-U Calls

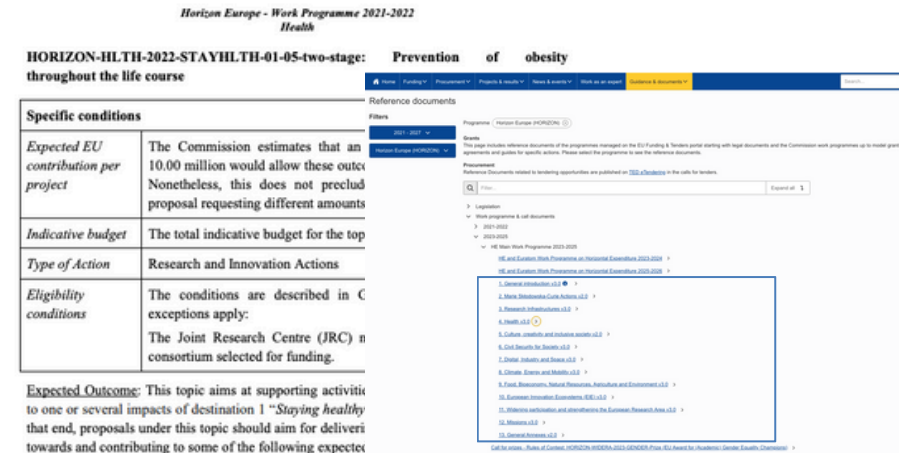
T-D Calls

Intelligence behind Horizon Europe Pillar 2 Workprogrammes

Click to edit Master title style



Source 1: [Funding and Tenders Portal](#)



- Researchers, developers of medical interventions, and health care professionals have a much better understanding of basic biological pathways (genetic and epigenetic blueprints) conferring susceptibility to and protecting against overweight/obesity, i.e. how genetic, epigenetic, environmental, socio-economic and lifestyle factors interact to drive or prevent the transition from normal weight to overweight/obesity throughout the life course.
- Health care professionals, national/regional/local public authorities and other relevant actors (e.g. schools, canteens, hospitals, work places, shopping malls, sport centres):
 - Have access to, adopt and implement evidence-based clinical guidelines, best practices, coordinated, pan-European, multidisciplinary preventive strategies, policy recommendations and/or new policies to fight overweight/obesity and their co-morbidities throughout the life course.
 - Have access to and make use of a robust outcomes framework and tool-kit for standardised collection of economic and cost data related to the prevention and treatment of overweight/obesity and its co-morbidities at population level across European regions and countries.
 - Adopt and implement tailor-made prevention campaigns to tackle overweight/obesity, including campaigns for improving integration of health

Source 2: Workprogramme Full Text in pdf
Under [Reference Documents](#)

<#>

Click to edit Master title style



Click to edit Master title style

Horizon Europe - Work Programme 2026-2027
Health

Horizon Europe - Work Programme
Health

Horizon Europe - Work Programme 2026-2027
Health

Horizon Europe - Work Programme 2026-2027
Health

Table of contents

Introduction

Calls

Call - Cluster 1 - Health (Single stage - 2026)

Overview of this call

Call - Partnerships in Health (2026/1)

Overview of this call

Call - Partnerships in Health (2026/2)

Overview of this call

Call - Partnerships in Health (2026/3)

Overview of this call

Call - Cluster 1 - Health (Single stage - 2027/1)

Overview of this call

Call - Cluster 1 - Health (Two stage - 2027)

Overview of this call

Call - Cluster 1 - Health (Single stage - 2027/2)

Overview of this call

Destinations

Destination - Staying healthy in a rapidly changing society

HORIZON-HLTH-2026-01-STAYHLTH-02: Behavior prevention for Non-Communicable Diseases (NCDs) at Horizon-HLTH-2026-01-STAYHLTH-03: Building sciences

HORIZON-HLTH-2027-01-STAYHLTH-01: Addressing course to support independent living and inclusion

Destination - Living and working in a health-promoting

HORIZON-HLTH-2026-01-ENVHLTH-01: Towards a anticipation of the impacts of climate change on health. HORIZON-HLTH-2026-01-ENVHLTH-04: Towards a carbon neutral populations and healthcare systems HORIZON-HLTH-2026-01-ENVHLTH-05: Support for change and health research

HORIZON-HLTH-2027-01-ENVHLTH-02: Integrating climate human exposome and characterising its changes in response to HORIZON-HLTH-2027-01-ENVHLTH-MISSCLIMA-03: To support health adaptation to climate change

Destination - Tackling diseases and reducing disease burden

HORIZON-HLTH-2026-01-DISEASE-02: Innovative interventions effects of using digital technologies on the mental health of children HORIZON-HLTH-2026-01-DISEASE-03: Advancing research diagnosis, and management of post-infection long-term conditions HORIZON-HLTH-2026-01-DISEASE-04: Development of new pathogens with epidemic potential

HORIZON-HLTH-2026-01-DISEASE-09: Multisectoral approach communicable diseases: implementation research maximising coordination with sectors and in settings beyond the healthcare HORIZON-HLTH-2026-01-DISEASE-11: Understanding of mechanisms of cardiovascular diseases: determinants, risk factors HORIZON-HLTH-2026-02-DISEASE-12: European Partners (ERDERA) (Phase 2)

HORIZON-HLTH-2026-03-DISEASE-13: European Partners Preparedness (Phase 2)

HORIZON-HLTH-2026-01-DISEASE-15: Scaling up innovative

HORIZON-HLTH-2027-02-DISEASE-01-two-stage: Innovative for non-communicable diseases

HORIZON-HLTH-2027-01-DISEASE-05: Development of new therapeutics for pathogens with epidemic potential

HORIZON-HLTH-2027-01-DISEASE-06: Development of new prevent and treat infections from Flaviviruses

HORIZON-HLTH-2027-01-DISEASE-07: Development of new prevent and treat infections from Filo-, Nairo-, Phenix-, Picon

HORIZON-HLTH-2027-01-DISEASE-08: Development of new against pathogens resistant to antimicrobials

HORIZON-HLTH-2027-01-DISEASE-10: Prevention and management communicable diseases in children and young people (GACD)

HORIZON-HLTH-2027-02-DISEASE-14-two-stage: Clinical innovative interventions for neurodegenerative diseases

Destination - Ensuring equal access to innovative, sustainable healthcare

HORIZON-HLTH-2026-01-CARE-01: Public procurement of improving citizens' access to healthcare through integrated or HORIZON-HLTH-2026-01-CARE-03: Identifying and addressing care systems

HORIZON-HLTH-2026-04-CARE-04: Enhancing and enlarging the European Partnership on Personalised Medicine (EP PerMed) (Ton-un)

HORIZON
Adverse

Destination healthy society

HORIZON

to advance

HORIZON

EU-fund

HORIZON

on acceleration

and testing

HORIZON

Excellent

HORIZON

disease prevention

community

HORIZON

regeneration

HORIZON

clinical research

HORIZON

healthcare

Destination industry and society

HORIZON

development

HORIZON

for discussion

HORIZON

diagnosis

Other Actions not subject to calls for proposals

Grants to identified beneficiaries

1. Contribution to the activities of the Coalition for Epidemics Preparedness Initiative (CEPI) in 2026

2. Presidency event - Ireland. Bridging Worlds - Climate Change and Health through the lens of the One Health Agenda - Research, Innovation and Problem Solving

3. Presidency event - Lithuania. Strengthening the European clinical research ecosystem for advanced therapy medicinal products and substances of human origin

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027
Culture, Creativity and Inclusive Society

Table of contents

Introduction	
CALLS 2026	
Call - Culture, Creativity and Inclusive Society 2026	
Overview of this call	
Call - Cluster 2 Partnerships	
Overview of this call	
CALLS 2027	
Call - Culture, Creativity and Inclusive Society - 2027	
Overview of this call	
Call - Culture, Creativity and Inclusive Society - 2027 - Two-stage	
Overview of this call	
DESTINATIONS	
Destination Innovative Research on Democracy and Governance	
HORIZON-CL2-2026-01-DEMOCRACY-01: Tackling gender-based violence politically active women and LGBTQ people	
HORIZON-CL2-2026-01-DEMOCRACY-02: Understanding the forms of local in low-income and low-middle income countries	
HORIZON-CL2-2026-01-DEMOCRACY-03: Government in transition – how governments change the way they work and prepare the civil service for the future	
HORIZON-CL2-2026-01-DEMOCRACY-04: Sustainable paths to media viability	
HORIZON-CL2-2026-01-DEMOCRACY-05: Research and Innovation Network Union of Equality	
HORIZON-CL2-2026-01-DEMOCRACY-06: Governing global commons sustainably	
HORIZON-CL2-2026-01-DEMOCRACY-07: Supporting post-conflict democratic reconstruction	
HORIZON-CL2-2026-01-DEMOCRACY-08: Electoral integrity in the digital age	
HORIZON-CL2-2026-01-DEMOCRACY-09: Citizenship education as part of learning	
HORIZON-CL2-2026-01-DEMOCRACY-10: Digital and media literacy as drivers of democratic and civic resilience	
HORIZON-CL2-2027-01-DEMOCRACY-01: Advisory support and network for countering and preventing radicalisation, extremism, hate speech and polarisation	

Horizon Europe - Work Programme 2026-2027
Culture, Creativity and Inclusive Society

HORIZON-CL2-2027-01-DEMOCRACY-02: Tackling gender-based violence politically active women and LGBTQ people	
HORIZON-CL2-2027-01-DEMOCRACY-03: Government in transition – how governments change the way they work and prepare the civil service for the future	
HORIZON-CL2-2027-01-DEMOCRACY-04: Sustainable paths to media viability	
HORIZON-CL2-2027-01-DEMOCRACY-05: Research and Innovation Network Union of Equality	
HORIZON-CL2-2027-01-DEMOCRACY-06: Governing global commons sustainably	
HORIZON-CL2-2027-01-DEMOCRACY-07: Supporting post-conflict democratic reconstruction	
HORIZON-CL2-2027-01-DEMOCRACY-08: Electoral integrity in the digital age	
HORIZON-CL2-2027-01-DEMOCRACY-09: Citizenship education as part of learning	
HORIZON-CL2-2027-01-DEMOCRACY-10: Digital and media literacy as drivers of democratic and civic resilience	
HORIZON-CL2-2027-02-DEMOCRACY-01: Advisory support and network for countering and preventing radicalisation, extremism, hate speech and polarisation	

Destination Innovative Research on Creative Industries	
EUROPE'S SUSTAINABLE PROSPERITY	
HORIZON-CL2-2026-01-HERITAGE-01: The arts to address complex challenges competitiveness	
HORIZON-CL2-2026-01-HERITAGE-02: Innovation	
HORIZON-CL2-2026-01-HERITAGE-03: Cultural and creative content in the era of digital	
HORIZON-CL2-2026-01-HERITAGE-04: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-05: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-06: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-07: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-08: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-09: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-10: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-11: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-12: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-13: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-14: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-15: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-16: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-17: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-18: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-19: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-20: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-21: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-22: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-23: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-24: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-25: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-26: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-27: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-28: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-29: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-30: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-31: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-32: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-33: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-34: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-35: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-36: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-37: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-38: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-39: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-40: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-41: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-42: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-43: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-44: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-45: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-46: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-47: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-48: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-49: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-50: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-51: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-52: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-53: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-54: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-55: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-56: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-57: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-58: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-59: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-60: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-61: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-62: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-63: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-64: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-65: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-66: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-67: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-68: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-69: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-70: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-71: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-72: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-73: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-74: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-75: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-76: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-77: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-78: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-79: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-80: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-81: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-82: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-83: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-84: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-85: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-86: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-87: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-88: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-89: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-90: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-91: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-92: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-93: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-94: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-95: Attracting and retaining talent	
HORIZON-CL2-2026-01-HERITAGE-96: Migration and AI	
HORIZON-CL2-2026-01-HERITAGE-97: EU demographic	
HORIZON-CL2-2026-01-HERITAGE-98: SSH and STEM	
HORIZON-CL2-2026-01-HERITAGE-99: Innovation and competitive cultural policies and CCI innovation	
HORIZON-CL2-2026-01-HERITAGE-100: Attracting and retaining talent	

Horizon Europe - Work Programme 2026-2027
Culture, Creativity and Inclusive Society

HORIZON-CL2-2027-01-TRANSFORMATIONS-05: The effective use of artificial intelligence in learning environments in pre-primary and primary education	166
HORIZON-CL2-2027-01-TRANSFORMATIONS-06: Closing the learning gap: uncovering causes and effective policy interventions for declining youth skills in mathematics, reading, and science	168
HORIZON-CL2-2027-01-TRANSFORMATIONS-07: Persons with disabilities: opportunities for labour inclusion and social protection through the life course	171
HORIZON-CL2-2027-01-TRANSFORMATIONS-08: Scaling and deploying innovations in migration management	173
HORIZON-CL2-2027-02-TRANSFORMATIONS-09-two-stage: Improving socio-economic outcomes for persons with dementia and informal caregivers	175

OTHER ACTIONS not subject to calls for proposals..... 179

Grants to identified beneficiaries..... 179

1. Presidency event (Lithuania): Re-thinking EU's competitiveness: How do cultural and creative industries contribute?..... 179
2. Presidency event (Greece): Cultural Heritage for Sustainable Futures..... 180

Public procurements 182

1. Studies, conferences, events and outreach activities 182
2. Studies, conferences, events and outreach activities 182

Other budget implementation instruments..... 183

1. Expertise for the design, implementation and evaluation of Cluster 2, Culture, Creativity and Inclusive Society 183
2. External expertise - Monitors 184
3. Expertise for the design, implementation and evaluation of Cluster 2, Culture, Creativity and Inclusive Society 184
4. External expertise - Monitors 185

Budget 187

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027
Civil Security for Society

Table of contents

Introduction	
Calls	
Call - Civil Security for Society 2026.....	
Overview of this call	
Call - Civil Security for Society 2027.....	
Overview of this call	
Destinations	
Destination - Better protect the EU and its citizens against Crime and Terrorism.....	
HORIZON-CL3-2026-01-FCT-01: Improving capabilities of law enforcement to coun	
climate-related challenges	
HORIZON-CL3-2026-01-FCT-02: Open topic on preventing and countering the misu	
emerging technologies for criminal purposes, including issues related to lawful access	
data	
HORIZON-CL3-2026-01-FCT-03: Missing persons: prevention and investigation	
HORIZON-CL3-2026-01-FCT-04: Crime prevention approaches, online and off-line,	
tackling the nexus between addictions and crime	
HORIZON-CL3-2026-01-FCT-05: Enhancing the security of citizens against terrorism	
lone-actor violence in confined spaces such as schools	
HORIZON-CL3-2026-01-FCT-06: Prevention and mitigation of misuse of synthetic	
biology for bioterrorism purposes	
HORIZON-CL3-2027-01-FCT-01: Online harms detection and investigation tools usi	
short development cycle model.....	
HORIZON-CL3-2027-01-FCT-02: Community policing in diverse societies in Europe	
HORIZON-CL3-2027-01-FCT-03: Open topic on enhanced prevention, detection and	
deterrence of societal issues related to various forms of crime.....	
HORIZON-CL3-2027-01-FCT-04: Open topic on increasing security of citizens again	
terrorism, including in public spaces.....	
HORIZON-CL3-2027-01-FCT-05: Effective and evidence-based responses to the incr	
availability and use of synthetic drugs and stimulants in Europe	
Destination - Effective management of EU external borders.....	
HORIZON-CL3-2026-01-BM-01: Advanced border surveillance and situational awar	
.....	
HORIZON-CL3-2026-01-BM-02: Accessible and available travel facilitation.....	
HORIZON-CL3-2026-01-BM-03: Reliability of age assessment methods in the contex	
security and border management.....	

HORIZON-CL3-2027-
management of EU exte
HORIZON-CL3-2027-
.....

HORIZON-CL3-2027-
smuggled goods in carg

Destination - Resilient In
HORIZON-CL3-2026-
infrastructure

HORIZON-CL3-2026-
und peri urban areas

HORIZON-CL3-2026-
critical entities to natura

HORIZON-CL3-2027-
infrastructures.....

HORIZON-CL3-2027-
on critical infrastructure

Destination - Cybersecu

Destination - Disaster-R

HORIZON-CL3-2026-
disaster preparedness....

HORIZON-CL3-2026-
impacts

HORIZON-CL3-2026-
and technologies throug

hazardous conditions....

HORIZON-CL3-2026-
risk solutions

HORIZON-CL3-2026-
develop pre- and post-ci

HORIZON-CL3-2027-
C/BRN-E (Chemical, Bi

generation of smart prot

HORIZON-CL3-2027-
generations and digital i

HORIZON-CL3-2027-
leveraging emerging tec

.....

HORIZON-CL3-2027-01-DRS-04: Enhancing preparedness for large-scale cross-border

Horizon Europe - Work Programme 2026-2027
Civil Security for Society

Destination - Strengthened Security Research and Innovation	128
HORIZON-CL3-2026-01-SSRI-01: Open topic on supporting disruptive technological	
innovations for civil security	130
HORIZON-CL3-2026-01-SSRI-02: Demand-led innovation in security	132
HORIZON-CL3-2026-01-SSRI-03: Public procurement of innovation for security	137
HORIZON-CL3-2026-01-SSRI-04: Development of ecosystem and next-generation	
capabilities for a secured European Critical Communication System in civil security	139
HORIZON-CL3-2027-01-SSRI-01: Accelerating uptake through open proposals for	
advanced SME innovation	142
HORIZON-CL3-2027-01-SSRI-02: Open grounds for future pre-commercial procurement	
of innovative security technologies.....	146
HORIZON-CL3-2027-01-SSRI-03: Demand-led innovation in security	149
Other actions not subject to calls for proposals	154
1. External expertise for reviews of projects	154
2. Workshops, conferences, experts, communication activities, studies and innovation	
uptake promotion.....	154
3. Indirectly Managed Action by the ECCC (2026).....	155
APPENDIX – Indirectly managed action by the ECCC 2026	155
4. Indirectly Managed Action by the ECCC (2027).....	163
APPENDIX – Indirectly managed action by the ECCC 2027	164
Budget	174

<#>

Click to edit Master title style

Table of contents

Introduction

Calls

Call - INDUST

CONCLUSION

Overview of the

Call - INDUST

Overview of the

Call - INDUST

Overview of the

Call - SPACE.

C-11 DIGITAL

Overview of the

Call - DIGITA

Call - DIGITAL

Overview of I

Call - DIGITAL

Sustainable A

alternatives to

HORIZON-CL4-2027-01-MAT-PROD-22: In production processes – reducing dependencies (Innovative Advanced Materials for the EU and Horizon-CL4-2026-01-MAT-PROD-23: A chemicals and innovative advanced materials intelligence (IA) (Innovative Advanced Mater Horizon-CL4-2026-01-MAT-PROD-24: C with Japan (CSA)
Fast-tracking Circularity
HORIZON-CL4-2026-01-MAT-PROD-01: A (Made in Europe partnership)
HORIZON-CL4-2027-01-MAT-PROD-02: A (Made in Europe partnership)
HORIZON-CL4-2027-01-MAT-PROD-03: F re-manufacturing (RIA) (Made in Europe part Horizon-CL4-2026-01-MAT-PROD-04: O economy (RIA) (Processes4Planet and Clean i Horizon-CL4-2026-01-MAT-PROD-05: C facilitating the transition from design to mark the EU and Made in Europe partnerships)
HORIZON-CL4-2027-01-MAT-PROD-06: C facilitating the transition from design to mark the EU and Made in Europe partnerships)
HORIZON-CL4-2027-01-MAT-PROD-08: T and manufacturing technologies and system a partnership).....
Disruptive technologies for carbon capture and Horizon-CL4-2026-01-MAT-PROD-31: E CO2 for the production of competitive produ Horizon-CL4-2027-02-MAT-PROD-32-w renewable sources and energy management in and Innovative Advanced Materials for the EU Technology infrastructure, knowledge valoris Horizon-CL4-2026-01-MAT-PROD-41: E exchange in Social Sciences and Humanities (Horizon-CL4-2027-01-MAT-PROD-42: U intellectual assets for industry, SMEs and start Horizon-CL4-2027-01-MAT-PROD-61: F breakthroughs in industrial technologies (Rese Horizon-CL4-2027-01-MAT-PROD-62: F the Chemical Industry Action Plan (Research Horizon-CL4-2026-01-MAT-PROD-44: A building for Technology Infrastructures staff

HORIZON-CL4-2026-01-M...
Infrastructures for European...
HORIZON-CL4-2026-01-M...
Infrastructures (CSA)
HORIZON-CL4-2027-01-M...
Infrastructures for European...
HORIZON-CL4-2026-01-M...
commercialisation of Horizon...
HORIZON-CL4-2027-01-M...
commercialisation of Horizon...
Raw Materials
HORIZON-CL4-2026-01-M...
exploration and data modellin...
HORIZON-CL4-2026-01-M...
critical raw materials (RIA)...
HORIZON-CL4-2026-01-M...
.....
HORIZON-CL4-2026-01-M...
materials through recycling (...
HORIZON-CL4-2027-01-M...
materials (IA)
HORIZON-CL4-2027-01-M...
(CSA)
Innovative Advanced Materi...
HORIZON-CL4-2026-05-M...
Materials (IAM) enabled sen...

**Destination: Developing an ag...
services and trustworthy artif...**

Telco-Edge-Cloud continuu...
Open Internet Stack
HORIZON-CL4-2027-04-DA...
Telco Edge Cloud Infrastruct...
HORIZON-CL4-2026-04-DA...
HORIZON-CL4-2026-04-DA...
Achieving the end-to-end AI...
HORIZON-CL4-2027-04-DA...
sustainable AI data processin...
HORIZON-CL4-2027-04-DA...
processing in Data Centres (I...
Data (under AI, Data and Rob...
HORIZON-CL4-2026-04-DA...
(AI, Data and Robotics part...

Destination: Achieving AI Technologies

- AI Continent
- HORIZON-CL4- AI" Pillar of RAI
- HORIZON-CL4- Developing frontiers of AI (RIA)
- HORIZON-CL4- Real-World Applications in Robotics)
- HORIZON-CL4- Innovation Boosters in Robotics)
- HORIZON-CL4- Booster in Applying AI, Data and Robotics)
- HORIZON-CL4- and Intelligent Robotics)
- HORIZON-CL4- Industry: Enabling Robotics)
- HORIZON-CL4- Manufacturing: AI, AI, Data and Robotics)
- HORIZON-CL4- using AI for Early Detection)
- HORIZON-CL4-
- Quantum
- HORIZON-CL4- Sensors for Inertial Navigation)
- HORIZON-CL4- Technologies – Communications)
- HORIZON-CL4- Computing Platforms)
- Photonics
- HORIZON-CL4- devices for extended range)
- Partnership)
- HORIZON-CL4- Strategy (CSA)
- Semiconductors

HORIZON-CL4-2026-04-DIGITAL-EMERGING-15: Strengthening the cooperation of semiconductor-intensive EU regions (C ^{ca})		
Other emerging technologies		
HORIZON-CL4-2027-04-DIGITAL-EI future enabling digital technologies (CS)		<i>Horizon Europe - W Digital, In</i>
HORIZON-CL4-2026-04-DIGITAL-EI (2DM) based emerging and enabling technologies for AI for manufacturing and energy-intensive manufacturing and production processes and Robotics partnerships)	He He HC de HC de In HC for De HC Sp HC de HC In	4.1. Study on the societal benefits in the use of intellectual assets management
HORIZON-CL4-2026-02-DIGITAL-EI Human/AI collaboration for the workforce Data and Robotics partnerships)		4.2. Comparative study on strategies, practices and jurisdictions outside the EU
HORIZON-CL4-2026-02-DIGITAL-EI and technologies for the process industries (Robotics partnerships)		4.3. Framework for effective licensing of research
		4.4. Research security and intellectual assets
		4.5. RDI database for evidence-based policy sectors for analysis
		4.6. Raw materials events
		4.7. Study for the Critical Raw Materials
		4.8. Anthropometric dataspace supporting
		4.9. Conferences, outreach, studies and other
		Intelligence in R&I and other critical technologies
		5. Digital

Destination: Open Strategic Autonomy
Space-Based Infrastructure, Services, A

Heading 1 - Accessing Space
HORIZON-CL4-2026-SPACE-03-11: I
EU-based spaceports
HORIZON-CL4-2027-SPACE-03-12: I
transportation systems, design and simu
(Space Partnership)
Heading 2 - Acting in Space
HORIZON-CL4-2027-SPACE-03-21: I
consolidation of space-compatible US
Heading 3 - Using Space on Earth - TEL
Headings 3&4 - Using Space on Earth - TEL
HORIZON-CL4-2026-SPACE-03-31: I
Observation and Satellite telecommuni
HORIZON-CL4-2026-SPACE-03-32: I
Observation and Satellite telecommuni
HORIZON-CL4-2027-SPACE-03-33: I
collaborative Earth Observation and Sa
(Space Partnership)
HORIZON-CL4-2027-SPACE-03-34: I
Earth Observation and Satellite telecom

		174
	<i>Horizon Europe - Work Programme 2026-2027</i>	
	<i>Digital, Industry and Space</i>	
He		
He	4.1. Study on the societal benefits in the use of collaborative licensing models for	
HC	intellectual assets management	259
dej	4.2. Comparative study on strategies, practices and tools for knowledge valorisation in five	
HC	jurisdictions outside the EU	259
dej	4.3. Framework for effective licensing of intellectual assets stemming from publicly funded	
Inc	research	260
HC	4.4. Research security and intellectual assets management (study)	261
for	4.5. RDI database for evidence-based policy. Keeping data up-to-date and integrating new	
De	sectors for analysis	263
HC	4.6. Raw materials events	263
Sp	4.7. Study for the Critical Raw Materials Centre	264
HC	4.8. Anthropometric dataspace supporting standards development	264
dej	4.9. Conferences, outreach, studies and other activities on the impact of Artificial	
HC	Intelligence in R&I and other critical technologies	265
He	5. Digital	265
HC	5.1. Emergency response and resources allocation	265
He	5.2. AI powered Digital Twin for Reconstruction	266
He	5.3. Digital conferences, outreach, studies and other activities	267
He		
	Subscription Actions	268
	1. Support to Hydrogen in the Economy	268
Desti		
Vii	Other budget implementation instruments	268
HC	1. Project monitoring and use of individual experts (space)	268
for	2. Project monitoring and use of individual experts (Industry)	268
HC	3. Commission expert group: "RAISE High-level Academic Advisory Board"	269
Int	4. Use of individual experts to support raw materials policy (GROW and HaDEA)	269
HC	5. Use of individual experts to support raw materials policy (HaDEA)	270
for	6. External Expertise Digital (CNET)	270
HC	7. External Expertise Digital (HADEA)	271
anu		
ST	Grants to identified beneficiaries	271
HC	Industry	271
sta	1. Presidency Event (conference) on AI in Science 2026	271
	2. Presidency Event (conference) on AI in Science 2027	272
Othi	3. Presidency Event (conference): Technologies for Europe 2027	273
	4. Presidency Event (conference): Technologies for Europe 2028	273
Publi	Digital	274
Sp	1. Organisation of the Presidency Event European Quantum Technologies Conference	
1.)	(EQTC) 2026	274
act	2. Organisation of the Presidency Event European Quantum Technologies Conference	
2.)	(EQTC) 2027	275
3.)	3. Presidency Event 2026	276
4.)	4. Presidency Event 2027	277

Click to edit Master title style

[illegible]

Click to edit Master title style

Horizon
Food, Bioeconomy

Table of contents

Introduction

Calls for proposals....

Call - BATTERIES and I

Overview of this call ...

Call - ENERGY

Overview of this call ...

Call - MOBILITY.....

Overview of this call ...

Call - MOBILITY.....

Overview of this call ...

Call - CLIMATE

Overview of this call ...

Call - CLIMATE

Overview of this call ...

Call - BATTERIES and I

Overview of this call ...

Call - BATTERIES and I

Overview of this call ...

Call - ENERGY

Overview of this call ...

Call - CLIMATE

Overview of this call ...

Call - BATTERIES and I

Overview of this call ...

Call - MOBILITY.....

Overview of this call ...

Call - BATTERIES and I

Overview of this call ...

Call - BATTERIES and I

Destinations

Destination - Biodiversity and

2026

Consolidating biodiversity knowledge

HORIZON-CL6-2026-01-BI

HORIZON-CL6-2026-01-BI

functions and sensitivity of g

HORIZON-CL6-2026-01-BI

action for deep sea ecosystem

Restoring ecosystems for resi

HORIZON-CL6-2026-01-BI

areas in conserving habitats a

loss.....

Transformative change toward

HORIZON-CL6-2026-01-BI

models for informing transiti

Biodiversity friendly practice

HORIZON-CL6-2026-01-BI

sustainable competitiveness ..

Restoring ecosystems for resi

HORIZON-CL6-2026-01-BI

the restoration of ecosystems

HORIZON-CL6-2026-01-BI

specific species' rapid declin

HORIZON-CL6-2026-01-BI

for nature protection and rest

Transformative change toward

HORIZON-CL6-2026-01-BI

based Nature-Based Solution

2027

Consolidating biodiversity knowledge

HORIZON-CL6-2027-01-BI

observations of Biodiversity,

HORIZON-CL6-2027-01-BI

EU and global biodiversity p

Restoring ecosystems for resi

HORIZON-CL6-2027-01-BI

scale up their restoration

HORIZON-CL6-2027-01-BI

of invasive alien species.....

Transformative change toward

HORIZON-4

economy: In

HORIZON-4

knowledge in

HORIZON-4

and impacts

Health appro

Biodiversity

HORIZON-4

for resilient i

HORIZON-4

breeding: for

Destination - I

production to

2026

Enabling sus

HORIZON-4

treatments for

HORIZON-4

management

HORIZON-4

crops in Eur

HORIZON-4

tools for per

HORIZON-4

strategies of

HORIZON-4

competitiveness

HORIZON-4

ecosystem for

HORIZON-4

Enabling sus

HORIZON-4

tools for sust

Transformin

HORIZON-4

cardiovascul

HORIZON-4

status and so

HORIZON-4

microbiome

HORIZON-4

Targeted into

HORIZON-CL6-2026-02-FAF

farm and during storage for sus

HORIZON-CL6-2026-02-FAF

Enabling sustainable farming s

HORIZON-CL6-2026-02-FAF

competitiveness of the agricult

agricultural production factors

HORIZON-CL6-2026-02-FAF

farming for a competitive, sust

2027

Enabling sustainable farming s

HORIZON-CL6-2027-02-FAF

water and nutrient-scarce env

HORIZON-CL6-2027-02-FAF

feed efficiency through feed ad

HORIZON-CL6-2027-02-FAF

sustainability and health withi

HORIZON-CL6-2027-02-FAF

of the organic farming sector to

HORIZON-CL6-2027-02-FAF

resilience through innovations

Enabling sustainable fisheries ;

HORIZON-CL6-2027-02-FAF

scale aquatic food production ;

.....

Transforming food systems for

HORIZON-CL6-2027-02-FAF

microbiome solutions

HORIZON-CL6-2027-02-FAF

Targeted international coopera

HORIZON-CL6-2027-02-FAF

on Food and Nutrition Security

Enabling sustainable farming s

HORIZON-CL6-2027-02-FAF

addressing emerging plant pest

Targeted international coopera

HORIZON-CL6-2027-02-FAF

energy nexus for sustainable ai

Destination - Circular economy

2026

Enabling a circular economy to

HORIZON-CL6-2026-01-CIR

food contact packaging.....

Food, Bio

HORIZON-CL6-2026-02-FAF

consumer textiles waste

HORIZON-CL6-2026-02-FAF

Waste from Electrical a

HORIZON-CL6-2026-02-FAF

collection, sorting-for-t

Cities and Regions Initi

Innovating for sustaina

HORIZON-CL6-2026-02-FAF

HORIZON-CL6-2026-02-FAF

States, regions and sect

HORIZON-CL6-2026-02-FAF

enabled by biotechnolo

HORIZON-CL6-2026-02-FAF

standardization of the b

HORIZON-CL6-2026-02-FAF

biodiversity objectives

HORIZON-CL6-2026-02-FAF

sustainable way of livin

Innovating for blue bio

HORIZON-CL6-2026-02-FAF

organisms to deliver su

Enabling a circular eco

HORIZON-CL6-2026-02-FAF

through living labs in c

HORIZON-CL6-2026-02-FAF

and Regions Initiative t

Deal

2027

Enabling a circular eco

HORIZON-CL6-2027-02-FAF

electronics.....

HORIZON-CL6-2027-02-FAF

construction products ..

HORIZON-CL6-2027-02-FAF

complex plastic materi

HORIZON-CL6-2027-02-FAF

through repair and refu

HORIZON-CL6-2027-02-FAF

footwear through collec

Innovating for sustaina

HORIZON-CL6-2027-02-FAF

HORIZON-CL6-2027-02-FAF

circular bioeconomy

HORIZON-CL6-2026-02-FAF

upcycling and

Safeguarding a

HORIZON-CL6-2026-02-FAF

Ukraine

Enabling a circ

HORIZON-CL6-2026-02-FAF

through living

HORIZON-CL6-2026-02-FAF

and Regions In

Deal

Destination - Cl

2026

HORIZON-CL6-2026-02-FAF

the disturbance

HORIZON-CL6-2026-02-FAF

ecosystems co

HORIZON-CL6-2026-02-FAF

techniques (M

HORIZON-CL6-2026-02-FAF

bioremediate a

2027

HORIZON-CL6-2026-02-FAF

biocidal produ

HORIZON-CL6-2026-02-FAF

planning strate

HORIZON-CL6-2026-02-FAF

reduce air polli

HORIZON-CL6-2026-02-FAF

benchmarking

.....

2026

HORIZON-CL6-2026-02-FAF

policies for cli

HORIZON-CL6-2026-02-FAF

.....

2027

HORIZON-CL6-2026-02-FAF

international p

Horizon Europe - Work Programme 2026-2027

Food, Bioeconomy, Natural Resources, Agriculture and Environment

HORIZON-CL6-2027-02-CLIMATE-02: Strengthening evidence-based policies for the

resilience of European agriculture and forestry and related supply chains against crises and

systemic risks

HORIZON-CL6-2027-02-CLIMATE-03: Carbon farming innovation and scale-up.....

HORIZON-CL6-2027-02-CLIMATE-04: Unlocking a safe operating space for Antarctica

and the Southern Ocean.....

HORIZON-CL6-2027-02-CLIMATE-01-two-stage: Open topic: Innovative solutions for

the European Water Resilience Strategy

Destination - Resilient, inclusive, healthy and green rural, coastal and urban

communities

2026

HORIZON-CL6-2026-02-COMMUNITIES-01: Boosting sustainable competitiveness in

rural areas through innovation.....

2027

HORIZON-CL6-2027-02-COMMUNITIES-01: Strengthening rural communities'

resilience to shocks.....

HORIZON-CL6-2027-02-COMMUNITIES-02: Empowering local urban food systems

entrepreneurship and innovation

Destination - Innovative governance, environmental observations and digital solutions in

support of the Green Deal

2026

Innovating with governance models and supporting policies

HORIZON-CL6-2026-03-GOVERNANCE-01: Additional activities for the Sustainable

Blue Economy Partnership (SBEP).....

HORIZON-CL6-2026-03-GOVERNANCE-02: Improving analytical capacity and

understanding of social drivers in agriculture to better assess social sustainability in the

sector

HORIZON-CL6-2026-03-GOVERNANCE-03: Empowering the UN Decade of Ocean

Science for Sustainable Development.....

HORIZON-CL6-2026-03-GOVERNANCE-04: Supporting All-Atlantic Ocean Research

and Innovation Alliance

Deploying and adding value to environmental observations

HORIZON-CL6-2026-03-GOVERNANCE-05: Coordinated European contribution to the

WMO Global Greenhouse Gas Watch and its international governance

HORIZON-CL6-2026-03-GOVERNANCE-06: A services and business incubator for

geospatial open-source developments

HORIZON-CL6-2026-03-GOVERNANCE-07: Interconnect Earth Observation research

for addressing environmental policies.....

Digital and data technologies as key enablers.....

HORIZON-CL6-2026-03-GOVERNANCE-08: Boosting data availability and AI solutions

in food for consumers and food service professionals

Strengthening agricultural knowledge and innovation systems (AKIS).....

Part 9 - Page 8 of 356

Part 9 - Page 6 of 356

<#>

Homework-Hands On practice

Step 1: Download the workprogrammes you are interested

Step 2: Identify those calls that are aligned with your research

Click to edit Master title style

- Click to edit Master text styles
 - Second level
 - Third level
 - Fourth level
 - Fifth level

Call topic and full title	Core purpose of the call	Role for VHIR and why VHIR should participate
HORIZON-HLTH-2026-01-STAYHLTH-02: Behavioural interventions as primary prevention for Non-Communicable Diseases (NCDs) among young people	Design and test behaviour change approaches that reduce later NCD risk in young people.	VHIR as clinical and public health partner: design intervention logic, define outcomes, run pilots with youth and families, and link to clinical risk markers and follow up.
HORIZON-HLTH-2027-01-STAYHLTH-01: Improving the quality of life of persons with disabilities through new interventions, including digital solutions	Develop and test interventions (including digital and assistive tech, rehab, care models) that support independent living and inclusion.	VHIR as clinical lead site: recruit patient groups across ages, run evaluation studies, connect disability to underlying health conditions, and validate digital and rehab pathways in real care settings.
HORIZON-HLTH-2026-01-DISEASE-02: Innovative interventions to prevent the harmful effects of using digital technologies on the mental health of children and young adults	Build evidence on harms and benefits of digital tech and test interventions that prevent harm and promote healthy use (incl. multi source data and possible AI).	VHIR as WP lead for clinical studies: cohorts, clinical assessments, ethics, and evaluation of digital interventions with children, young adults, families, and schools.
HORIZON-HLTH-2026-01-DISEASE-03: Advancing research on the prevention, diagnosis, and management of post-infection long-term conditions	Improve prevention, diagnosis, and care for post infection long term conditions, with clinical studies encouraged.	VHIR as cohort and clinical pathway leader: deep phenotyping, imaging, biomarker work, care pathway testing, and real world follow up.
HORIZON-HLTH-2026-01-DISEASE-09: Multisectoral approach to tackle chronic non-communicable diseases: implementation research beyond the healthcare system (GACD)	Implementation research for NCD prevention and management that works with sectors and settings outside healthcare.	VHIR as implementation research partner: test models that combine health care with community, school, workplace, and local services; measure uptake, equity, and outcomes.
HORIZON-HLTH-2027-02-DISEASE-01-two-stage: Innovative healthcare interventions for non-communicable diseases	Develop and test new healthcare interventions for NCDs (two stage).	VHIR as clinical validation and scale up site: pragmatic studies, patient reported outcomes, and health system adoption evidence.
HORIZON-HLTH-2027-01-DISEASE-10: Prevention and management of chronic non-communicable diseases in children and young people (GACD)	Implementation research on prevention, screening, diagnosis, and management of NCDs in ages one to twenty four, often in low and middle income countries or underserved groups.	VHIR as paediatric and adolescent clinical partner: define care pathways (including transition to adult care), test digital tools for screening and follow up, and support capacity building with partners.
HORIZON-HLTH-2026-01-DISEASE-11: Understanding of sex and or gender-specific mechanisms of cardiovascular diseases: determinants, risk factors and pathways	Identify sex and gender related mechanisms, risks, and pathways in cardiovascular disease to improve prevention and care.	VHIR as clinical and translational lead: patient cohorts, imaging, omics and biomarkers, and evidence that can change guidelines and risk tools.
HORIZON-HLTH-2026-01-DISEASE-15: Scaling up innovation in cardiovascular health	Support scale up and uptake of validated cardiovascular innovations in real health systems.	VHIR as major hospital test and adoption site: run multi site evaluations, health economics, implementation plans, and clinician and patient uptake work.
HORIZON-HLTH-2027-01-CARE-02: Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications	Reduce risks from polypharmacy using personalised approaches (clinical, data driven, decision support).	VHIR as clinical lead in ageing and chronic disease: real world medication data, ADR detection, decision support testing, and measurable safety outcomes.
HORIZON-HLTH-2027-02-DISEASE-14-two-stage: Clinical trials for advancing innovative interventions for neurodegenerative diseases	Run clinical trials (phase one and two style) that advance innovative interventions for neurodegeneration, including digital tech and imaging where relevant.	VHIR as trial site and WP leader: recruitment, imaging and biomarker endpoints, remote monitoring, and patient involvement.
HORIZON-HLTH-2027-02-TOOL-01-two-stage: Development of predictive biomarkers of disease progression and treatment response using AI methodologies for chronic non-communicable diseases	Build and validate predictive biomarkers and AI methods, with clinical validation in independent cohorts and real world data.	VHIR as data and validation powerhouse: provide cohorts and biobanks, lead clinical validation studies, and support regulatory engagement for biomarker and AI qualification.
HORIZON-HLTH-2027-03-TOOL-04: Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis	Create patient level multi scale models to support prevention and diagnosis through clinical decision support.	VHIR as clinical deployment site: supply high quality clinical data, test VHT based decision support in real workflows, and measure safety, bias, and impact.
HORIZON-HLTH-2027-02-IND-02-two-stage: Portable and versatile Point-of-care diagnostics	Develop point of care diagnostics that are faster and more accurate, with strong clinical utility and usability.	VHIR as clinical evaluation and needs owner: define use cases, run clinical performance studies, usability testing, and pathways for adoption in emergency and outpatient settings.
HORIZON-HLTH-2026-01-IND-03: Regulatory science to support translational development of patient-centred health technologies	Update methods and evidence approaches used in regulation, including new data and digital solutions, to speed safe uptake.	VHIR as clinical evidence generator: provide real world evidence designs, clinical investigation methods, and stakeholder input (clinicians, patients) for practical guidance.
HORIZON-HLTH-2026-01-TOOL-07: Establishing a European network of Centres of Excellence (CoEs) for Advanced Therapies Medicinal Products (ATMPs)	Create a coordinated EU network of ATMP centres, with roadmap, policy needs, and shared capacity.	VHIR should join as a CoE member if it fits: contribute cell and gene therapy clinical trials, manufacturing and GMP links (where present), and patient access pathways.
HORIZON-HLTH-2027-03-TOOL-02: Advancing bio-printing of living cells for regenerative medicine	Advance bio printing units and translation toward clinical use in regenerative medicine.	VHIR as clinical pull partner: define unmet needs (tissue and organ targets), support preclinical to early clinical translation planning, and set clinical evaluation endpoints.
HORIZON-HLTH-2026-01-TOOL-03: Integrating New Approach Methodologies (NAMs) to advance biomedical research and regulatory testing	Speed use and acceptance of NAMs (non animal methods) in research and regulatory testing for medicines and devices.	VHIR as clinical relevance partner: connect NAM outputs to human disease biology, provide human sample access under ethics, and help show fit to clinical questions.
HORIZON-HLTH-2026-01-ENVHLTH-04: Towards climate resilient, prepared and carbon neutral populations and healthcare systems	Improve resilience and reduce climate and environment health risks, including preparedness and health system action.	VHIR as “living lab” hospital: test heat and air quality response, care continuity plans, surveillance links, and low carbon care changes with measurable outcomes.
HORIZON-HLTH-2027-01-ENVHLTH-MISSCLIMA-03: Tools and technologies to support health adaptation to climate change (PCP)	Pre commercial procurement to develop and test solutions for climate related health adaptation and risk reduction.	VHIR as procurer and test site: define requirements with clinicians, run pilots in hospital and community care, and help suppliers prove performance and uptake.
HORIZON-HLTH-2026-01-DISEASE-04: Development of novel vaccines for viral pathogens with epidemic potential	Develop vaccine candidates for viruses with epidemic potential and move them through key preclinical and early clinical steps.	VHIR as clinical trial and immunology partner: early phase studies, immune monitoring, patient and volunteer recruitment, and links to surveillance networks.
HORIZON-HLTH-2027-01-DISEASE-05: Development of novel small molecule antiviral therapeutics for pathogens with epidemic potential	Discover and develop small molecule antivirals for epidemic threat pathogens.	VHIR as translational and clinical partner: access to patient samples, clinical input on target product profile, and early clinical evaluation capacity.
HORIZON-HLTH-2027-01-DISEASE-06: Development of monoclonal antibodies to prevent and treat infections from Flaviviruses	Develop monoclonal antibodies for prevention and treatment of flavivirus infections.	VHIR as clinical and translational partner: evaluation planning, patient sample access, and clinical trial readiness and conduct.
HORIZON-HLTH-2027-01-DISEASE-08: Development of innovative antimicrobials against pathogens resistant to antimicrobials	Develop new antimicrobials for resistant pathogens and support translation toward clinical use.	VHIR as AMR clinical partner: stewardship context, resistant pathogen clinical data and samples, and trial site role for difficult infections.
HORIZON-HLTH-2026-02-DISEASE-12: European Partnership on Rare Diseases (ERDERA) (Phase 2)	Top up funding to continue and extend the rare disease partnership.	This is a partnership top up: usually only the existing partnership coordinator can submit. VHIR should seek entry as an added partner and then target ERDERA joint calls with strong clinical registry and trial capacity.
HORIZON-HLTH-2026-03-DISEASE-13: European Partnership for Pandemic Preparedness (Phase 2)	Top up funding to continue the pandemic preparedness partnership.	Same top up logic: VHIR should try to join the partnership network and position for follow up joint calls (clinical studies, surveillance, diagnostics, and preparedness pilots).
HORIZON-HLTH-2026-04-CARE-04: Enhancing and enlarging the European Partnership on Personalised Medicine (EP PerMed) (Top-up)	Extend the personalised medicine partnership.	Eligibility is restricted to the current PerMed coordinator consortium, so VHIR should join via that route if possible and mainly plan for PerMed joint calls where VHIR can lead clinical translation work.

How to read a T-D call and identify what benefits are expected

Intelligence behind the call-topic
description

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027 *Health*

HORIZON-HLTH-2026-04-CARE-04: Enhancing and enlarging the European Partnership on Personalised Medicine (EP PerMed) (Top-up) 136
HORIZON-HLTH-2027-01-CARE-02: Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications..... 140

Destination - Developing and using new tools, technologies and digital solutions for a healthy society..... 145

HORIZON-HLTH-2026-01-TOOL-03: Integrating New Approach Methodologies (NAMs) to advance biomedical research and regulatory testing 148
HORIZON-HLTH-2026-01-TOOL-05: Pilot actions for follow-on funding: Leveraging EU-funded collaborative research in regenerative medicine 152
HORIZON-HLTH-2026-01-TOOL-06: Support to European Research Area (ERA) action on accelerating New Approach Methodologies (NAMs) to advance biomedical research and testing of medicinal products and medical devices 155
HORIZON-HLTH-2026-01-TOOL-07: Establishing a European network of Centres of Excellence (CoEs) for Advanced Therapies Medicinal Products (ATMPs)..... 158
HORIZON-HLTH-2027-02-TOOL-01-two-stage: Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic non-communicable diseases 162
HORIZON-HLTH-2027-03-TOOL-02: Advancing bio-printing of living cells for regenerative medicine 166
HORIZON-HLTH-2027-03-TOOL-04: Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis..... 169
HORIZON-HLTH-2027-03-TOOL-08: Towards Artificial General Intelligence (AGI) for healthcare 173

Destination - Maintaining an innovative, sustainable, and competitive EU health industry 178

HORIZON-HLTH-2026-01-IND-03: Regulatory science to support translational development of patient-centred health technologies 180
HORIZON-HLTH-2027-01-IND-01: Development of cell-free protein synthesis platforms for discovery and/or production of biologicals 184
HORIZON-HLTH-2027-02-IND-02-two-stage: Portable and versatile Point-of-care diagnostics..... 187

Other Actions not subject to calls for proposals 191

Grants to identified beneficiaries 191

1. Contribution to the activities of the Coalition for Epidemics Preparedness Initiative (CEPI) in 2026 191
2. Presidency event - Ireland. Bridging Worlds - Climate Change and Health through the lens of the One Health Agenda - Research, Innovation and Problem Solving 193
3. Presidency event - Lithuania. Strengthening the European clinical research ecosystem for advanced therapy medicinal products and substances of human origin..... 196

Expected Impacts:

Expected project contributions up to x (say 5 years) after the end of the project (Long term)

- **Type of Project and budget**
- **Expected Outcomes:** Expected project contributions by the end of the project
- **Societal or Economical challenges** to be addressed
- **Expected Project Objectives**
- **Hints on approach**

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027 *Health*

HORIZON-HLTH-2026-04-CARE-04: Enhancing and enlarging the European Partnership on Personalised Medicine (EP PerMed) (Top-up) 136
HORIZON-HLTH-2027-01-CARE-02: Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications..... 140

Destination - Developing and using new tools, technologies and digital solutions for a healthy society..... 145

HORIZON-HLTH-2026-01-TOOL-03: Integrating New Approach Methodologies (NAMs) to advance biomedical research and regulatory testing 148
HORIZON-HLTH-2026-01-TOOL-05: Pilot actions for follow-on funding: Leveraging EU-funded collaborative research in regenerative medicine 152
HORIZON-HLTH-2026-01-TOOL-06: Support to European Research Area (ERA) action on accelerating New Approach Methodologies (NAMs) to advance biomedical research and testing of medicinal products and medical devices 155
HORIZON-HLTH-2026-01-TOOL-07: Establishing a European network of Centres of Excellence (CoEs) for Advanced Therapies Medicinal Products (ATMPs)..... 158
HORIZON-HLTH-2027-02-TOOL-01-two-stage: Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic non-communicable diseases 162
HORIZON-HLTH-2027-03-TOOL-02: Advancing bio-printing of living cells for regenerative medicine 166
HORIZON-HLTH-2027-03-TOOL-04: Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis..... 169
HORIZON-HLTH-2027-03-TOOL-08: Towards Artificial General Intelligence (AGI) for healthcare 173

Destination - Maintaining an innovative, sustainable, and competitive EU health industry 178

HORIZON-HLTH-2026-01-IND-03: Regulatory science to support translational development of patient-centred health technologies 180
HORIZON-HLTH-2027-01-IND-01: Development of cell-free protein synthesis platforms for discovery and/or production of biologicals 184
HORIZON-HLTH-2027-02-IND-02-two-stage: Portable and versatile Point-of-care diagnostics..... 187

Other Actions not subject to calls for proposals 191

Grants to identified beneficiaries 191

1. Contribution to the activities of the Coalition for Epidemics Preparedness Initiative (CEPI) in 2026 191
2. Presidency event - Ireland. Bridging Worlds - Climate Change and Health through the lens of the One Health Agenda - Research, Innovation and Problem Solving 193
3. Presidency event - Lithuania. Strengthening the European clinical research ecosystem for advanced therapy medicinal products and substances of human origin..... 196

Expected Impacts:

Expected project contributions up to x (say 5 years) after the end of the project (Long term)

Click to edit Master title style

Destination - Developing and using new tools, technologies and digital solutions for a healthy society

Horizon Europe - Work Programme 2026-2027
Health

services, tailored to specific population groups, ultimately improving patient outcomes and reducing health inequalities.

Horizon Europe - Work Programme 2026-2027
Health

- Europe's scientific and technological expertise and know-how, its capabilities for innovation in new tools, technologies and digital solutions, and its ability to take-up, scale-up and integrate innovation in healthcare is world-class.
- Citizens benefit from targeted and faster research resulting in safer, more sustainable, efficient, cost-effective, accessible and affordable tools, technologies and digital solutions for improved (personalised) disease prevention, diagnosis, treatment and monitoring for better patient outcome and wellbeing, in particular through increasingly shared health resources (interoperable data, infrastructure, expertise, citizen/patient driven co-creation)³⁵⁷.
- The EU gains high visibility and leadership in terms of health technology development, including through international cooperation.
- The burden of diseases in the EU and worldwide is reduced through the development and integration of innovative diagnostic and therapeutic approaches, personalised medicine approaches, digital and other people-centred solutions for healthcare.
- Both the productivity of health Research and Innovation, and the quality and outcome of healthcare is improved thanks to the use of health data and innovative analytical tools, such as AI supported decision-making, in a secure, ethical and inclusive manner, respecting individual integrity and underpinned with public acceptance and trust.
- Citizens trust and support the opportunities offered by innovative technologies for healthcare, based on expected health outcomes and potential risks involved.

Legal entities established in China are not eligible to participate in both Research and Innovation Actions (RIAs) and Innovation Actions (IAs) falling under this destination. For additional information please see "Restrictions on the participation of legal entities established in China" found in the Annex B of the General Annexes of this Work Programme.

The protection of European communication networks has been identified as an important security interest of the Union and its Member States. Entities that are assessed as high-risk suppliers³⁵⁸ of mobile network communication equipment (and any entities they own or control) are not eligible to participate as beneficiaries, affiliated entities and associated partners to topics identified as "subject to restrictions for the protection of European communication networks". Please refer to the Annex B of the General Annexes of this Work Programme for further details.

Proposals are invited against the following topic(s):

³⁵⁷ Commission Communication on the digital transformation of health and care; COM(2018) 233 final
³⁵⁸ Entities assessed as "high-risk suppliers", are currently set out in the second report on Member States' progress in implementing the EU toolbox on 5G cybersecurity of 2023 (NIS Cooperation Group, Second report on Member States' progress in implementing the EU Toolbox on 5G Cybersecurity, June 2023) and the related Communication on the implementation of the 5G cybersecurity toolbox of 2023 (Communication from the Commission: Implementation of the 5G cybersecurity Toolbox, Brussels, 15.6.2023 C(2023) 4049 final).

Expected Impacts:

Expected project contributions up to x (say 5 years) after the end of the project (Long term)

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027 *Health*

HORIZON-HLTH-2026-04-CARE-04: Enhancing and enlarging the European Partnership on Personalised Medicine (EP PerMed) (Top-up)	136
HORIZON-HLTH-2027-01-CARE-02: Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications.....	140

Destination - Developing and using new tools, technologies and digital solutions for a healthy society.....

HORIZON-HLTH-2026-01-TOOL-03: Integrating New Approach Methodologies (NAMs) to advance biomedical research and regulatory testing	148
HORIZON-HLTH-2026-01-TOOL-05: Pilot actions for follow-on funding: Leveraging EU-funded collaborative research in regenerative medicine	152
HORIZON-HLTH-2026-01-TOOL-06: Support to European Research Area (ERA) action on accelerating New Approach Methodologies (NAMs) to advance biomedical research and testing of medicinal products and medical devices	155
HORIZON-HLTH-2026-01-TOOL-07: Establishing a European network of Centres of Excellence (CoEs) for Advanced Therapies Medicinal Products (ATMPs).....	158
HORIZON-HLTH-2027-02-TOOL-01-two-stage: Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic non-communicable diseases	162
HORIZON-HLTH-2027-03-TOOL-02: Advancing bio-printing of living cells for regenerative medicine	166
HORIZON-HLTH-2027-03-TOOL-04: Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis.....	169
HORIZON-HLTH-2027-03-TOOL-08: Towards Artificial General Intelligence (AGI) for healthcare	173

Destination - Maintaining an innovative, sustainable, and competitive EU health industry

HORIZON-HLTH-2026-01-IND-03: Regulatory science to support translational development of patient-centred health technologies	180
HORIZON-HLTH-2027-01-IND-01: Development of cell-free protein synthesis platforms for discovery and/or production of biologicals	184
HORIZON-HLTH-2027-02-IND-02-two-stage: Portable and versatile Point-of-care diagnostics.....	187

Other Actions not subject to calls for proposals

Grants to identified beneficiaries

1. Contribution to the activities of the Coalition for Epidemics Preparedness Initiative (CEPI) in 2026	191
2. Presidency event - Ireland. Bridging Worlds - Climate Change and Health through the lens of the One Health Agenda - Research, Innovation and Problem Solving	193
3. Presidency event - Lithuania. Strengthening the European clinical research ecosystem for advanced therapy medicinal products and substances of human origin.....	196

- **Type of Project and budget**
- **Expected Outcomes:** Expected project contributions by the end of the project
- **Societal or Economical challenges** to be addressed
- **Expected Project Objectives**
- **Hints on approach**

Click to edit Master title style

HORIZON-HLTH-2026-01-TOOL-05: Pilot actions for follow-on funding: Leveraging EU-funded collaborative research in regenerative medicine

Call: Cluster 1 - Health (Single stage - 2026)

Specific conditions

Expected EU contribution per project	The Commission estimates that an EU contribution of between EUR 6.00 and 8.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 29.50 million.
Type of Action	Innovation Actions
Eligibility conditions	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The proposals must be based on results generated within a prior multi-beneficiary project funded under Horizon 2020 or Horizon Europe Framework Programme. This project must have been completed maximum 3 years before the submission deadline.</p> <p>Applicants must explicitly state in their proposal the prior multi-beneficiary project concerned. Projects funded under Marie Skłodowska-Curie Actions are not considered eligible. Projects funded under co-funded European Partnerships or ERANETs are considered eligible. Ongoing projects³⁶⁶ are not considered eligible.</p> <p>In recognition of the opening of the US National Institutes of Health's programmes to European researchers, any legal entity established in the United States of America is eligible to receive Union funding.</p> <p>If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of</p>

³⁶⁴ https://joint-research-centre.ec.europa.eu/projects-and-activities/reference-and-measurement/european-union-reference-laboratories/eu-reference-laboratory-alternatives-animal-testing-eurl-ecvam_en

³⁶⁵ Please note that the definition of clinical studies (see introduction to this Work Programme part) is broad and it is recommended that you review it thoroughly before submitting your application.

³⁶⁶ Projects that have not been completed before the submission deadline.

Part 4 - Page 152 of 211

- Expected Funding per project
- Total Funding per call
- No. of projects to be funded
- Type of Action
- Eligibility Conditions

Horizon Europe - Work Programme 2026-2027 Health

	<p>Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).</p> <p>In line with the "restriction on control in innovation actions in critical technology areas" delineated in General Annex B of the General Annexes, entities established in an eligible country but which are directly or indirectly controlled by China or by a legal entity established in China are not eligible to participate in the action.</p>
Award criteria	<p>The criteria are described in General Annex D. The following exceptions apply:</p> <p>The thresholds for each criterion will be 4 (Excellence), 4 (Impact) and 4 (Implementation). The cumulative threshold will be 12.</p>
Legal and financial set-up of the Grant Agreements	<p>The rules are described in General Annex G. The following exceptions apply:</p> <p>The granting authority may, up to 4 years after the end of the action, object to a transfer of ownership or to the exclusive licensing of results, as set out in the specific provision of Annex 5.</p> <p>Eligible costs will take the form of a lump sum as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe Programme – the Framework Programme for Research and Innovation (2021-2027) – and in actions under the Research and Training Programme of the European Atomic Energy</p>

Click to edit Master title style

	The thresholds for each criterion will be 4 (Excellence), 4 (Impact) and 4 (Implementation). The cumulative threshold will be 12.
<i>Legal and financial set-up of the Grant Agreements</i>	<p>The rules are described in General Annex G. The following exceptions apply:</p> <p>The granting authority may, up to 4 years after the end of the action, object to a transfer of ownership or to the exclusive licensing of results, as set out in the specific provision of Annex 5.</p> <p>Eligible costs will take the form of a lump sum as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe Programme – the Framework Programme for Research and Innovation (2021-2027) – and in actions under the Research and Training Programme of the European Atomic Energy Community (2021-2025) ³⁶⁷.</p>

• **Benefits from each of the funded projects expected by their completion**

Expected Outcome: This topic aims at supporting activities that are enabling or contributing to one or several expected impacts of destination “Developing and using new tools, technologies and digital solutions for a healthy society”. To that end, proposals under this topic should aim to deliver results that are directed at, tailored towards and contributing to all the following expected outcomes:

- The overall competitiveness of the EU biotechnology sector is strengthened through the further development of closer-to-deployment health innovations.
- The EU benefits from greater impact of the EU’s Research and Innovation (R&I) Framework Programmes through successful leveraging of previous EU funding in the field of regenerative medicine.
- EU innovators secure further funding to finalise the last stages of development.
- Patients benefit faster from solutions that improve their health and wellbeing.

³⁶⁷ This [decision](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/ls-decision_be_en.pdf) is available on the Funding and Tenders Portal, in the reference documents section for Horizon Europe, under ‘Simplified costs decisions’ or through this link: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/ls-decision_be_en.pdf

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027
Health

Scope: R&I is essential for economic growth and boosting the competitiveness of the EU's life sciences sector. Through the Horizon 2020 and Horizon Europe Framework Programmes, the EU has supported projects that significantly impact our health by fostering scientific discoveries and developing new solutions. Transformational health innovations, such as mRNA vaccines, highlight the importance of collaboration among businesses, research institutions, and healthcare providers. Furthermore, sustained funding throughout the entire value chain is crucial for maximising impact and ensuring more products reach patients faster. The main aim of this topic is to pilot a follow-on funding mechanism, supporting the stepwise development of biotech innovations through collaboration, resulting from previously supported EU R&I actions in the field of health. This topic contributes to strengthening the R&I ecosystem within the EU and supports the implementation of the "Strategy for European Life Sciences"³⁶⁸. Given the importance of biotechnology as a critical technology³⁶⁹, this topic aims to ensure that promising research results are efficiently taken further along the value chain, speeding the time to market or patient through stepwise funding and increasing the EU's competitiveness. The chosen area of focus is regenerative medicine as it has the potential to heal or replace tissues and organs damaged by age, disease, or trauma, as well as to normalise congenital defects. Proposals should focus on prototyping, demonstrating and validating health innovations from TRL 5, moving beyond early-stage research to clinical development, testing, or eventual large-scale manufacturing. The previously funded EU research on which the proposal is build should be applicable to the field of regenerative medicine and should have clear exploitation potential and/or socio-economic benefits for the patients.

From the Scope

- **Key Project Challenge/Purpose**

- Demonstrate in their proposal that the health product, therapy or service, has been successfully validated at preclinical level in the prior EU funded project and provide justification of the innovation potential with qualitative and quantitative data (e.g. publications, patent/trademark/design applications, spin-out/start-up track record, regulatory procedures, venture capital pitches, funds raised etc).
- Justify the proposed composition of the consortium and explain how this differs from the previous grant, and demonstrate how the health product, therapy or service to be developed further qualifies as regenerative medicine.
- Demonstrate adequate protection of the idea or Intellectual Property Rights or ensure freedom to operate until full deployment.
- Have a clear vision on the intended pathway to patients and/or route to market, including regulatory compliance. This includes defining specific milestones together with concrete

³⁶⁸ https://research-and-innovation.ec.europa.eu/strategy/strategy-research-and-innovation/jobs-and-economy/towards-strategy-european-life-sciences_en;

https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1686

³⁶⁹ Commission Recommendation on critical technology areas for the EU's economic security for further risk assessment with Member States: https://defence-industry-space.ec.europa.eu/system/files/2023-10/C_2023_6689_1_EN_annexe_acte_autonome_part1_v9.pdf

Click to edit Master title style

to normalise congenital defects. Proposals should focus on prototyping, demonstrating and validating health innovations from TRI 5, moving beyond early-stage research to clinical development, testing, or eventual large-scale manufacturing. The previously funded EU research on which the proposal is built should be applicable to the field of regenerative medicine and should have clear exploitation potential and/or socio-economic benefits for the patients.

Applicants are expected to:

- Demonstrate in their proposal that the health product, therapy or service, has been successfully validated at preclinical level in the prior EU funded project and provide justification of the innovation potential with qualitative and quantitative data (e.g. publications, patent/trademark/design applications, spin-out/start-up track record, regulatory procedures, venture capital pitches, funds raised etc).
- Justify the proposed composition of the consortium and explain how this differs from the previous grant, and demonstrate how the health product, therapy or service to be developed further qualifies as regenerative medicine.
- Demonstrate adequate protection of the idea or Intellectual Property Rights or ensure freedom to operate until full deployment.
- Have a clear vision on the intended pathway to patients and/or route to market, including regulatory compliance. This includes defining specific milestones together with concrete

308 https://research-and-innovation.ec.europa.eu/strategy/strategy-research-and-innovation/jobs-and-economy/towards-strategy-european-life-sciences_en
309 https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1686
Commission Recommendation on critical technology areas for the EU's economic security for further risk assessment with Member States: https://defence-industry-space.ec.europa.eu/system/files/2023-10/C_2023_6689_1_EN_annexe_acte_autonomie_part1_v9.pdf

Part 4 - Page 154 of 211

Horizon Europe - Work Programme 2026-2027 *Health*

and verifiable Key Performance Indicators (KPIs) to assess progress towards the market or healthcare settings.

- Identify the target patient group(s) (how many patients to be treated during the project and the potential patient population that could benefit) and product development milestones including a financial plan (for each milestone).

In the case of innovations with commercial potential, proposals should present the investor and market readiness towards commercialisation and deployment (market research, value proposition, business case and business model, prospects for growth, intellectual property protection, competitor analysis etc.) as well as aspects of regulation, certification and standardisation and reimbursement.

In the case of innovations with evidenced limited commercial potential but high patient benefit, proposals should contain a deployment and sustainability plan including aspects related to regulations, certification and standardisation and patient access through healthcare providers.

Proposals should take into account sex, gender, age and other relevant socio-demographic variables to ensure the scientific robustness, clinical value and applicability of the targeted regenerative medicine innovation.

Applicants should provide details of their clinical studies³⁷⁰ in the dedicated annex using the template provided in the submission system. As proposals under this topic are expected to include clinical studies, the use of the template is strongly encouraged.

From the Scope

- **Key Project Objectives**

<#>

©

NIKOLAOS FIOTAKIS, Fundingexpert.academy

Click to edit Master title style

Horizon Europe - Work Programme 2026-2027
Health

and verifiable Key Performance Indicators (KPIs) to assess progress towards the market or healthcare settings.

- Identify the target patient group(s) (how many patients to be treated during the project and the potential patient population that could benefit) and product development milestones including a financial plan (for each milestone).

In the case of innovations with commercial potential, proposals should present the investor and market readiness towards commercialisation and deployment (market research, value proposition, business case and business model, prospects for growth, intellectual property protection, competitor analysis etc.) as well as aspects of regulation, certification and standardisation and reimbursement.

In the case of innovations with evidenced limited commercial potential but high patient benefit, proposals should contain a deployment and sustainability plan including aspects related to regulations, certification and standardisation and patient access through healthcare providers.

Proposals should take into account sex, gender, age and other relevant socio-demographic variables to ensure the scientific robustness, clinical value and applicability of the targeted regenerative medicine innovation.

Applicants should provide details of their clinical studies³⁷⁰ in the dedicated annex using the template provided in the submission system. As proposals under this topic are expected to include clinical studies, the use of the template is strongly encouraged.

HORIZON-HLTH-2026-01-TOOL-06: Support to European Research Area (ERA) action on accelerating New Approach Methodologies (NAMs) to advance biomedical research and testing of medicinal products and medical devices

Call: Cluster 1 - Health (Single stage - 2026)

From the Scope (Cont.)

- Hints on the approach
- Hints on the consortium synthesis

Essentials of forming a strong consortium and defining roles

Incl. practical tips for newcomers to get started

Click to edit Master title style



- a. All competent partners
(direct and indirect ones)
- **Direct** Partners are the ones responsible for implementing the proposed solution and **sign** the contract with the EC for receiving also the Horizon
- **Indirect/Associate** partners are mainly stakeholders that have strong interest in your innovation and they don't receive funding
 - They don't sign the contract but can participate at your **advisory board**

Click to edit Master title style



- *Your proposal could include stakeholders highly interested in your project results as Associate Partners*
- *In this way, the high value of your project is significantly enhanced*
- *Inclusion of Associate Partners as indirect partners has high value*

Click to edit Master title style

Sources for competent direct and indirect partners

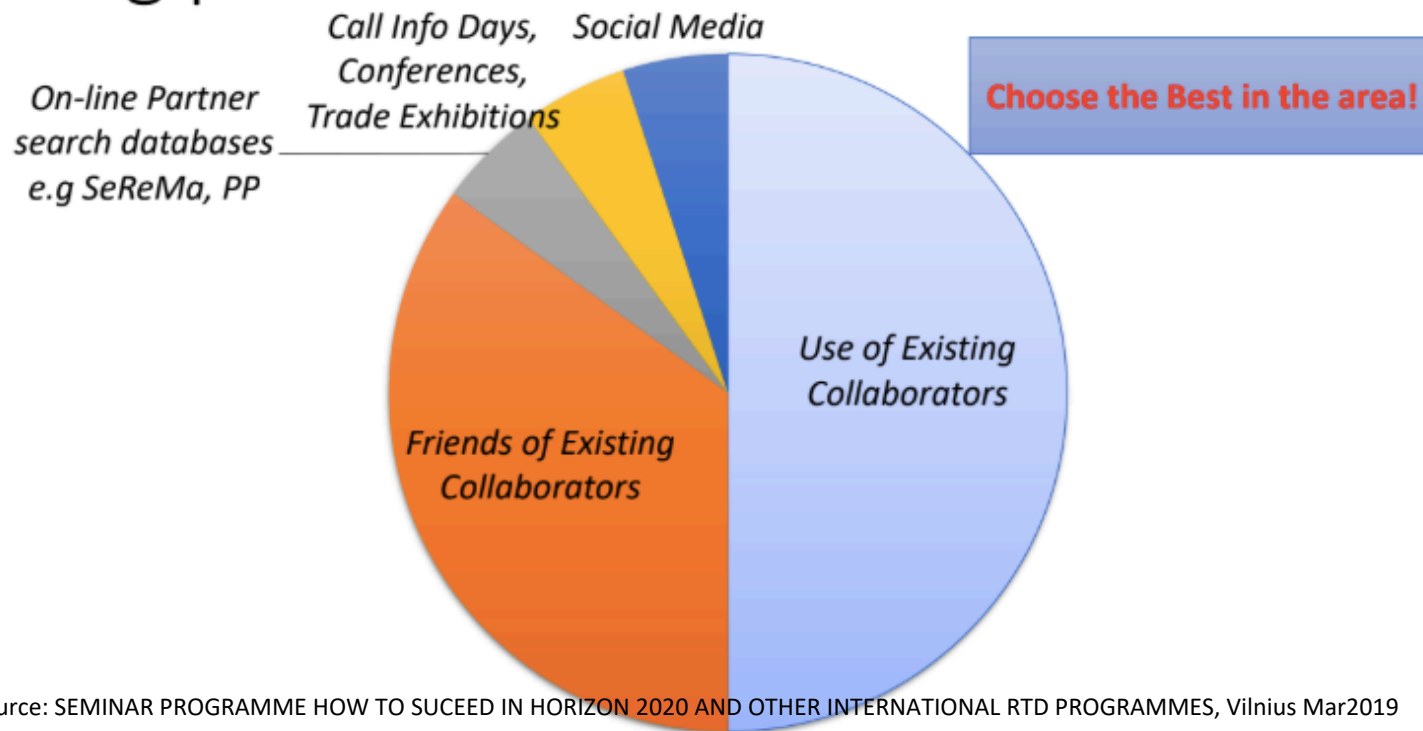
- Your own network
- Partner Search Facilities
- Related events (infodays/brokerage events)
- Social Media (related Linkedin and Facebook groups) – very useful if exploited properly
- List/Summaries of previously funded projects!!! - (very useful) [Cordis](#) and [Horizon Dashboard](#)



<#>

Click to edit Master title style

Finding partners



Source: SEMINAR PROGRAMME HOW TO SUCCEED IN HORIZON 2020 AND OTHER INTERNATIONAL RTD PROGRAMMES, Vilnius Mar2019

How to contact **intelligently** identified key actors

e.g. for
joining as partner (especially as a newcomer),
inviting them to your project
extending your network, etc.

Click to edit Master title style

- Click to edit Master text styles
 - Second level
 - Third level
 - Fourth level
 - Fifth level



Click to edit Master title style

- Click to edit Master text styles
 - Second level
 - Third level
 - Fourth level
 - Fifth level



- Click to edit
Master text styles
 - Second level
 - Third level
 - Fourth level
 - Fifth level

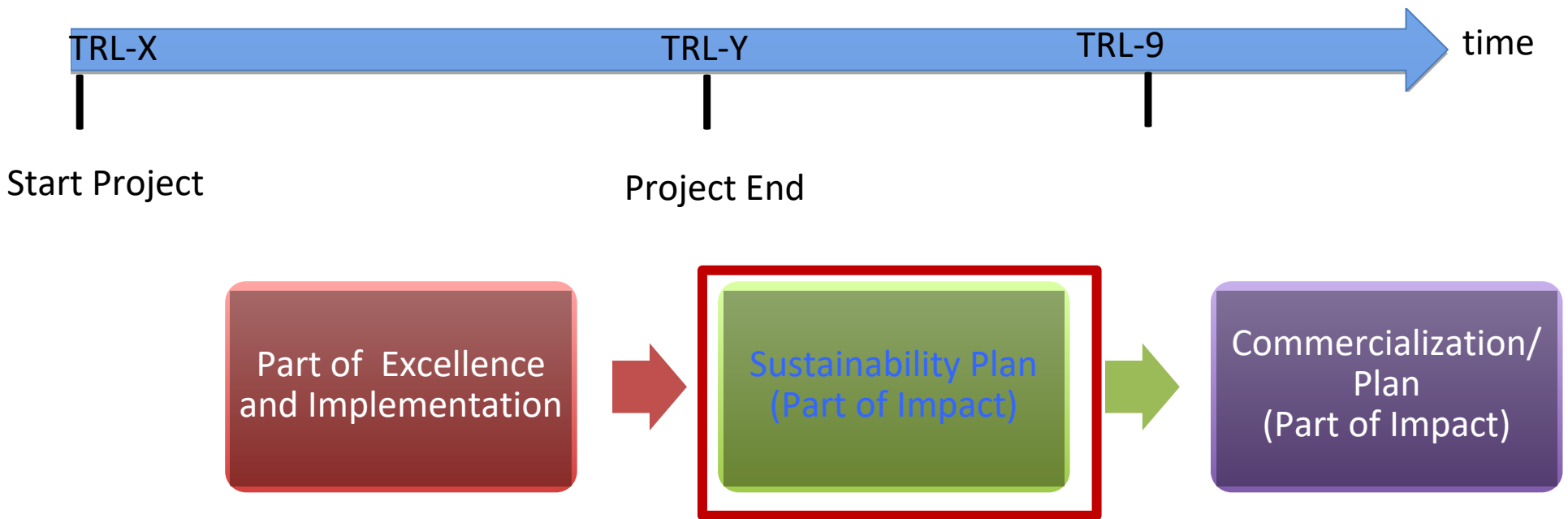
Homework-Hands On practice

Step 1: Prepare an email to offer on a voluntary service
some support on running projects of your interest

Step 2: Prepare an email with your assets and invite
project actors that you collaborated to partner for a
specific call

Critical best practices in proposal writing
(focus on clarity, impact, and innovation)

Click to edit Master title style



The lower the TRL-Y the less detailed the sustainability and commercialisation plans

Click to edit Master title style

Fit-All Text should be avoided

Be as specific as you can. General statements of the type “...The draft plan presented herein contains measures to be implemented both during and after the project. These measures will address the full range of potential users and uses including research, commercial, investment and environment and are tailored to the specific technical, market and organizational issues addressed. The aforementioned draft plan will be then updated through project execution. Concerning dissemination of results, such activity will be conducted under the dedicated tasks in WP7, as agreed to by all members of the consortium. Three main target audiences for the dissemination of project results have been identified: 1) Scientific community; 2) Industry; and 3) General audience. As for those audiences the main aim is to provide free access to the information in order to wider impact. ...” are hated by the reviewers!!!

Source: TH2020II/CERTH

Click to edit Master title style

Project <u>objectives</u>	Related Workpackage activities	Necessary <u>Resources</u> and Expertise	Expected Projects <u>Results</u>	Milestones
			<p>Proof of principle: The main ideas of the envisioned future technology are feasible by validating its scientific and technological basis</p> <p>Top-level scientific publications in open access</p> <p>Formal protection of the generated Intellectual Property (e.g. a patent application)</p>	

Bad examples by EC in the Horizon Europe Pathfinder full proposal template!

Table 3.2d: List of milestones

Milestone number	Milestone name	Related work package(s)	Due date (in month)	Means of verification

KEY

Due date

Measured in months from the project start date (month 1)

Means of verification

Show how you will confirm that the milestone has been attained. Refer to indicators if appropriate. For example:

laboratory prototype that is 'up and running' software released and validated by a user group; field survey complete and data quality validated.

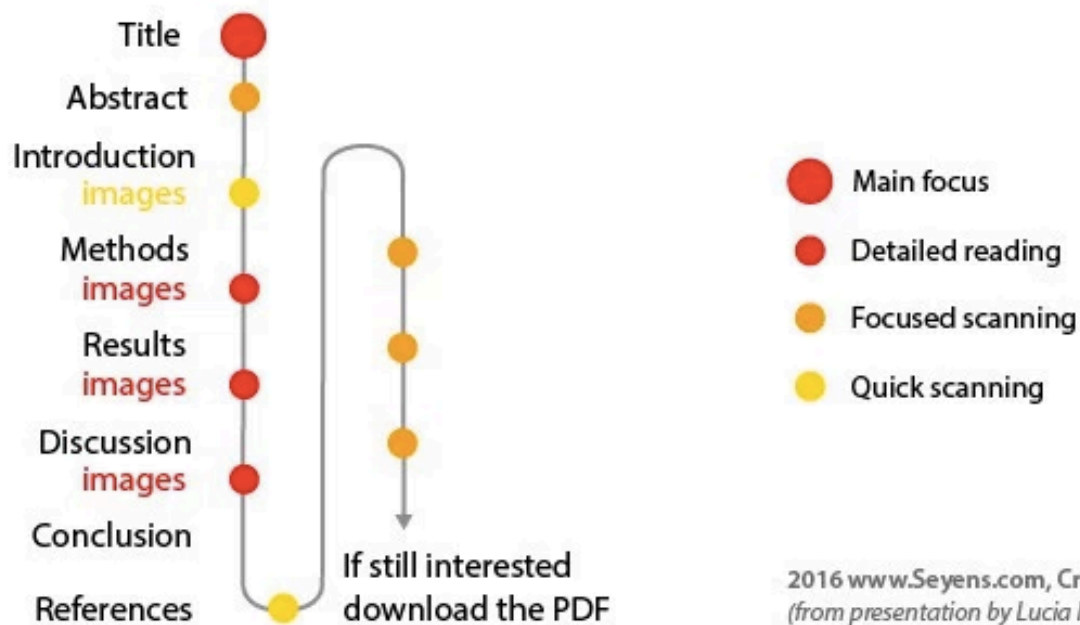
Click to edit Master title style

- A laboratory prototype that is “up and running”
with min 80% prediction accuracy
- ...

Key insights from an evaluator's perspective (common pitfalls to avoid)

Click to edit Master title style

How scientists scan journal papers when they first see them



Click to edit Master title style

- Abstract
 - Why this, Why now, why you, why in this way?
- Consortium composition
 - Is the consortium balanced (interdisciplinary) with all value chain players?
- Proposal Structure
 - Headings and Subheadings
 - Illustrations (figures, diagrams, tables, etc)

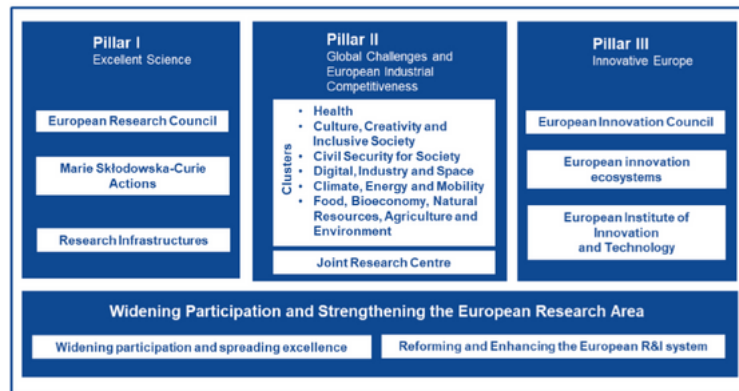
Click to edit Master title style

- SoA Depth
 - Rationale on Scientific limitations
- Approach Quality
 - What makes this project capable of overcoming the
 - scientific limitation and reaching project objectives
 - Societal barriers and reaching expected short term and long term benefits

Practical Tips for newcomers to get started

Additional

Click to edit Master title style



- [European Climate, Infrastructure and Environment Executive Agency](#)
 - Pillar II: Cluster 5: Climate, energy and mobility
- [European Health and Digital Executive Agency](#)
 - Pillar II: Cluster 1: Health
 - Pillar II: Cluster 4: Digital, industry and space
- [European Research Executive Agency](#)
 - Pillar I: Marie Skłodowska-Curie Actions
 - Pillar I: Research Infrastructures
 - Pillar II: Cluster 2: Culture, Creativity and Inclusive Society
 - Pillar II: Cluster 3: Civil Security for Society
 - Pillar II: Cluster 6: Food, Bio-economy, Natural Resources, Agriculture and Environment
 - Widening participation: Spreading excellence and widening participation
 - Strengthening the European Research Area: Reforming and enhancing the European R&I System
- [European Innovation Council and SMES Executive Agency](#)
 - Pillar III: The European Innovation Council (EIC) and European Innovation Ecosystems
- [European Research Council Executive Agency](#)
 - Pillar I: The European Research Council (ERC)

<#>



This project is co-funded by the European Union
and the Republic of Türkiye



Technical Project Management in Horizon Europe

Nikolaos FLORATOS
Horizon Europe Infoday
Antalya Oct 2025

Workpackage Design and Deliverables

Use of the P.O.W.E.R.TM tool

Click to edit Master title style

Expected Outcome: This topic aims at supporting activities that are enabling or contributing to one or several impacts of destination 1 “*Staying healthy in a rapidly changing society*”. To that end, proposals under this topic should aim for delivering results that are directed, tailored towards and contributing to some of the following expected outcomes:

- Researchers, developers of medical interventions, and health care professionals have a much better understanding of basic biological pathways (genetic and epigenetic blueprints) conferring susceptibility to and protecting against overweight/obesity, i.e. how genetic, epigenetic, environmental, socio-economic and lifestyle factors interact to drive or prevent the transition from normal weight to overweight/obesity throughout the life course.

- Health care professionals, national/regional/local public authorities and other relevant actors (e.g. schools, canteens, hospitals, work places, shopping malls, sport centres):

- Have access to, adopt and implement evidence-based clinical guidelines, best practices, coordinated, pan-European, multidisciplinary preventive strategies, policy recommendations and/or new policies to fight overweight/obesity and their co-morbidities throughout the life course.

- Have access to and make use of a robust outcomes framework and tool-kit for standardised collection of economic and cost data related to the prevention and treatment of overweight/obesity and its co-morbidities at population level across European regions and countries.

- Adopt and implement tailor-made prevention campaigns to tackle overweight/obesity, including campaigns for improving integration of health

Part 4 - Page 32 of 182

Horizon Europe - Work Programme 2021-2022
Health

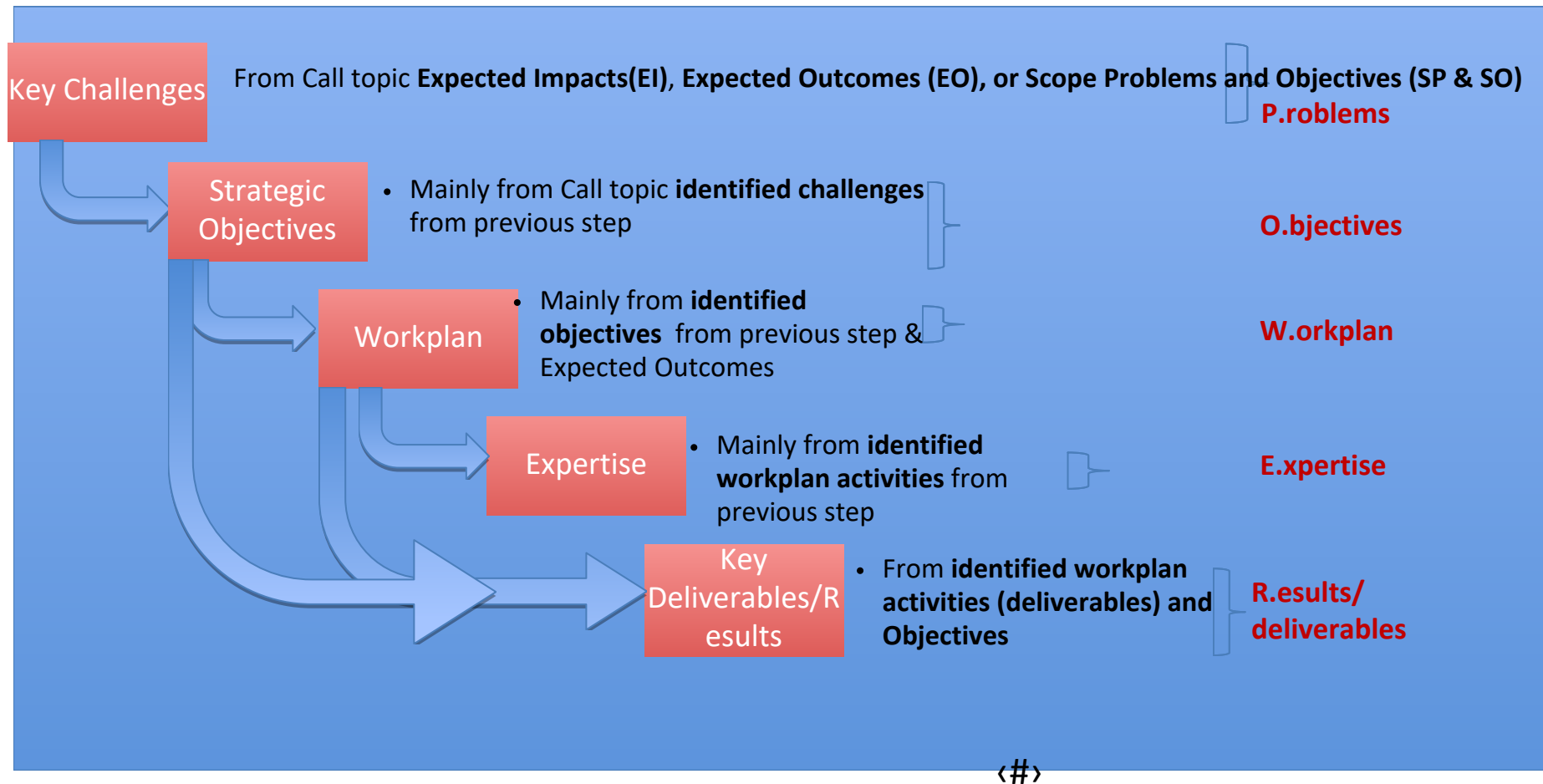
education into academic learning and raising awareness of health care providers and citizens.

- Citizens have access to and make use of new tools and services to make informed decisions about lifestyle choices that will prevent them from becoming overweight/obese.

Expected Outcomes => Key challenges NOW=>quantified data & qualitative analysis at EU and at partners' countries)

1. Lack of concrete knowledge on the basic biology of obesity and new ways to prevent it (how much we know on the basic biology of obesity?)
2. Any current evidence-based clinical guidelines, best practices, pan-European, multidisciplinary preventive strategies, policy recommendations to fight obesity and its co-morbidities in life?
3. If so, how effective they have been (each one)?
4. Any processes, initiatives, tools/tool-kit for standardized collection of economic and cost data related to the prevention and treatment of obesity/its co—morbidities?
5. If so, how effective they have been?
6. Any tailor-made prevention campaigns to tackle obesity
7. Any campaigns for integrating health education into academic learning
8. How effective these campaigns have been (each one)?
9. Any tools and services for empowering citizens to make responsible decisions about their lifestyle choices for not becoming obese?
10. If so, how effective they have been (each one)?

Click to edit Master title style



Project Monitoring and Reporting

An example of a project management chart for R&I Projects [Profile photos/logos](#)



Dr. Gandhi Pau (PC/PO)



Dr. Giannis Arzis (TL/PO)

Technical
Committee (TC)

Steering
Committee (SC)

WP Teams

Project Team
1/WP1

Projec Team
2/WP2

Project Team
3/WP3

Project Team
4/WP4

Project/Scrum
Team 9/WP9

Project/ Team
5/WP5

Project/ Team
6/WP6

Project/ Team
7/WP7

Project/ Team
8/WP8

Project/ Team
10/WP10

Advisory Committee
(AC)



Dr. Gandhi Pau (chair)

DE Manager



Mr. John Schwan

Communication
Manager (CM)



Ms. Sarah Leute

Ethics Manager (EM)



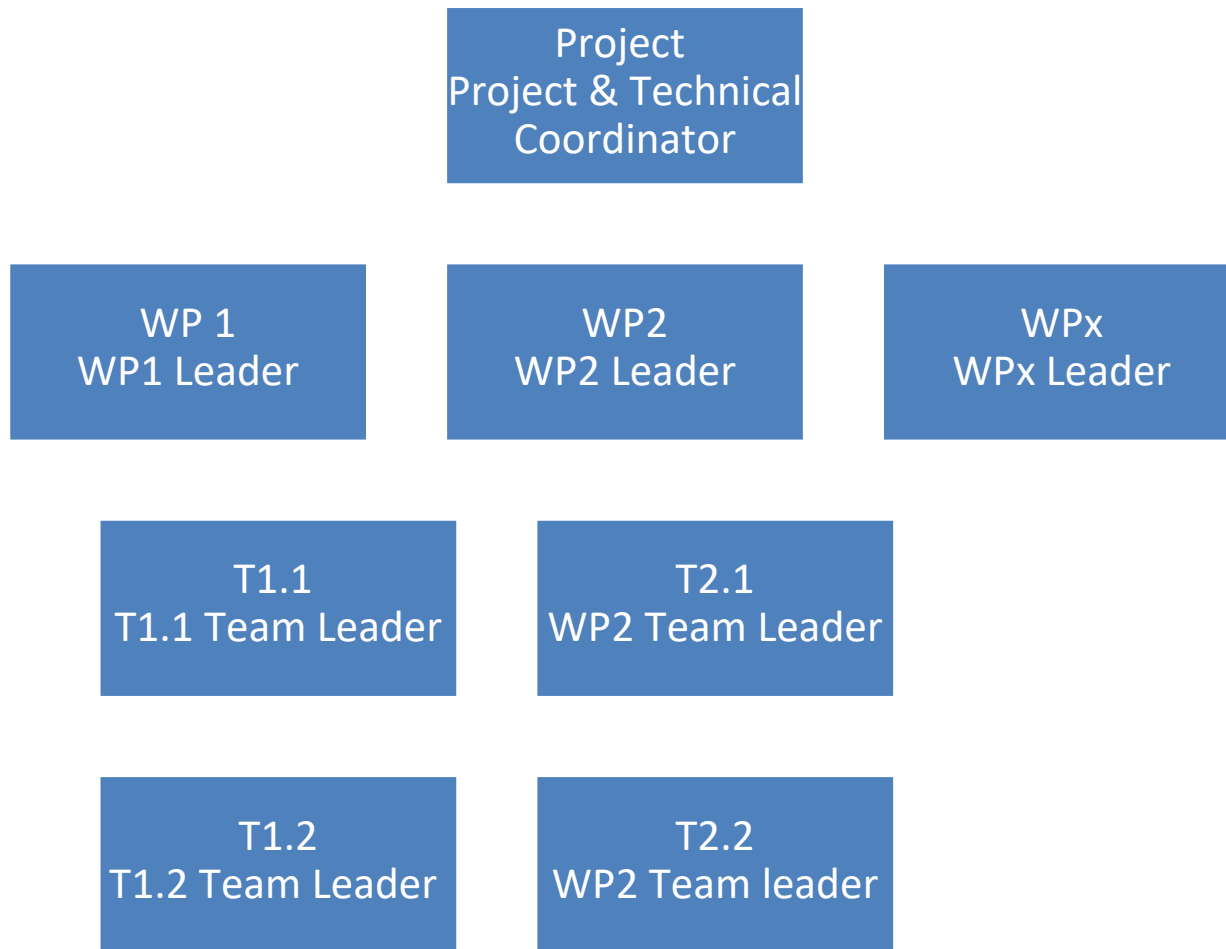
Mrs. Maria Jhann

ext. Quality Evaluator



Mr. Peter Floratos

Click to edit Master title style



Click to edit Master title style

One of the biggest reasons why projects run late is lack of resources when we need them. So

- We need to know **how** many people and **when** we will need and **well in advance**
- Gantt Chart the only way for this to check
 - how many full-time people per month/week
 - Which months/weeks are the most intensive ones from the person effort point of view
 - Which months/weeks are the most intensive from the no. of tasks point of view
- If some months/weeks too intensive, then
 - move the floating tasks forwards/backwards to periods that are not that intensive
 - Plan for more resources (more people)
 - Last option (last resort) to break/stop the critical path tasks for some months while busy with the floating tasks. The project now will get longer for those breaking months

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
	WP Leader	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	Total		
WP1: User Needs Analysis	Partner 3	30	30	30	30	30																				150		5.11%
WP2: State of the Analysis and review of related solutions	Partner 4			35	35	35	35																			140		4.77%
WP3: Design of proposed solution & continuous consultation with stakeholders	Partner 2					90	90	90	90	90	90															540		18.39%
WP4: Development of proposed solution & continuous consultation with stakeholders	Partner 5									120	120	120	120	120	120	120	120									960		32.69%
WP5: Integration of developed modules & continuous coordination with stakeholders	Partner 5														30	30	30	55	55	55						255		8.68%
WP6: Pilot testing, validation/solution revision and demonstration with end-users	Partner 3																			20	50	50	50	140	140	450		15.32%
Delivered Project																												
WP7 Dissemination & Exploitation	Partner 1	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	250		8.51%
WP8: Project Management	Partner 1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	192		6.54%
TOTAL Person days		48	48	93	83	173	143	108	108	228	228	138	138	138	168	168	168	73	73	93	68	68	68	158	158	2937		
No. of full-time personnel (one full time person works 18 person days in a month)		2.7	2.7	5.2	4.6	9.6	7.9	6	6	13	13	7.7	7.7	7.7	9.3	9.3	9.3	4.1	4.1	5.2	3.8	3.8	3.8	8.8	8.8			

<#>

Click to edit Master title style

- Use Gantt chart as the main tool for monitoring progress
 - Convert months into actual months as soon as your project is granted and starts
 - Color in what you have done and
 - Make sure you keep-up with the today line (every month at a different point)
- Use the Gantt chart for checking how much the project is **planned to cost**
- Update the Gantt chart for checking how much the project has **actually costed** up today and answer the following
 - Are we under budget, if so why?
 - Are we behind schedule, if so why?
 - Are we over budget, if so why?
 - Are we ahead, if so why?
- Then act accordingly

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
			Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
1		WP Leader	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	150
2	WP1: User Needs Analysis	Partner 3	30	30	30	30	30																				140
3	WP2: State of the Analysis and review of related solutions	Partner 4			35	35		35	35																		540
4	WP3: Design of proposed solution & continuous consultation with stakeholders	Partner 2					90	90	90	90	90	90															960
5	WP4: Development of proposed solution & continuous consultation with stakeholders	Partner 5									120	120	TODAY	120	120	120	120	120									255
6	WP5: Integration of developed modules & continuous coordination with stakeholders	Partner 5														30	30	30	55	55	55						450
7	WP6: Pilot testing, validation/solution revision and demonstration with end-users	Partner 3																			20	50	50	50	140	140	
8	Delivered Project																										
9																											
10	WP7 Dissemination & Exploitation	Partner 1	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	250
11																											
12	WP8: Project Management	Partner 1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	192
13	TOTAL Person days		48	48	93	83	173	143	108	108	228	228	138	138	138	168	168	168	73	73	93	68	68	68	158	158	2937
14	Total person days planned to be consumed by end Nov 22- TODAY												1398														
15	No. of full-time personnel (one full time person works 18 person days in a month)		2.7	2.7	5.2	4.6	9.6	7.9	6.0	6.0	12.7	12.7	7.7	7.7	7.7	9.3	9.3	9.3	4.1	4.1	5.2	3.8	3.8	3.8	8.8	8.8	
16	Average planned cost per month (Assume 5000 EUR per month average person month)		13,333	13,333	25,833	23,056	48,056	39,722	30,000	30,000	63,333	63,333	38,333	38,333	38,333	46,667	46,667	46,667	20,278	20,278	25,833	18,889	18,889	18,889	43,889	43,889	
17	Accumulated planned personnel cost		13,333	26,667	52,500	75,556	123,611	163,333	193,333	223,333	286,667	350,000	388,333	426,667	465,000	511,667	558,333	605,000	625,278	645,556	671,389	690,278	709,167	728,056	771,944	815,833	
18	Add any other planned costs (Overheads, equipments, travel, subcontracting, other costs)		30000			35000			23000						35000			40000					34000			30000	
19	Total planned costs per month		43,333	13,333	25,833	58,056	48,056	39,722	53,000	30,000	63,333	63,333	38,333	38,333	38,333	46,667	46,667	46,667	20,278	20,278	25,833	18,889	18,889	18,889	43,889	73,889	
20	Total Accumulated planned costs		43,333	56,667	82,500	140,556	188,611	228,333	281,333	311,333	374,667	438,000	476,333	549,667	588,000	634,667	681,333	768,000	788,278	808,556	834,389	853,278	906,167	925,056	968,944	1,042,833	
21	Total person days actually consumed per month up today		48	48	93	83	173	143	108	18	18	18	18														
22	Actual total cost per month based on partners individual reporting on effort and costs		42070	12557	26840	59348	47456	38397	53017	6048	5458	4589	5027														
23	Accumulated total costs up today		42070	54627	81467	140815	188271	226668	279685	285733	291191	295780	300807														

<#>

Risk Management

Click to edit Master title style

Possible Risks (for the successful implementation)

- Delay in the collection and analysis of the research/end-users data
- Low involvement of end-users and stakeholders during the implementation process
- Poor communication between partners and late detection of problems related to the technical implementation of the project
- Poor dissemination & exploitation strategy and low level of achievement of expected impacts
- Low innovation capacity and not highly innovative project results.
- Conflict of interest within the consortium on background knowledge, IPRs, ownership of prototypes and future competition
- Ethical issues and challenges during project implementation
- Poor quality of deliverables or completion with delay
- Unbalanced (Low or over-expected) absorption of funds
- Withdrawal of a partner
- Withdrawal of coordinator

Click to edit Master title style

RISK description	od level	Severance level (H/L)	e level (HH,	(Preventive)	Contingency (Reactive) Measures

Table 3.1e: Critical risks for implementation #@RSK-MGT-RM@#

Description of risk (indicate level of (i) likelihood, and (ii) severity: Low/Medium/High)	Work package(s) involved	Proposed risk-mitigation measures

Definition critical risk:

A critical risk is a plausible event or issue that could have a high adverse impact on the ability of the project to achieve its objectives.

Click to edit Master title style

Action before the Project Meeting

1. Plan the meeting
2. **Draft the Meeting Agenda** clearly indicating the main points to be discussed
3. Send out the **Meeting Agenda** in advance
4. Ensure the **attendance** of the required participants
5. Address **any logistical needs** and prepare documentation or hand-outs for the meeting
6. Specify and inform what **each partner** is expected to present at the project meeting



Click to edit Master title style

During the Execution of Project Meeting:

1. Ensure that someone is designated to take **the Minutes of Meeting (MoM)**, including action points
2. Follow the related **Project Work Plan** from the **Grant Agreement** with the appropriate level of detail
3. **Clarify/Discuss** the expectations of the Project Core Team/Technical Committee, the Workpackage/task leaders and participants
4. Revise/update the Risk Management Plan
5. If conflicts, follow the **conflict resolution** process and present the escalation procedure as part of the **Consortium Agreement**
6. Ensure that **everyone** leaves the **Meeting** with **crystal clear idea** on **what is expected** by him/her, the **resources** and the **partners to engage/collaborate** (Applicable for all meetings f2f or virtual)

After Executing Project Meeting:

- Send out the **Minutes of Meeting (MoM)** to the relevant stakeholders. The minutes should include
 1. a summary of project issues raised, risks identified, decisions taken and changes proposed.
 2. Note that the issues, risks, decisions and project changes should also be recorded in the relevant logs.



Congratulations!

You did it! You are familiar now with the Intelligence behind Horizon Europe and you are in the top 20% of individuals active in this programme

Copyright © Nikolaos Floratos, Sr. Training & Mentoring Expert

All rights reserved. No part of this workbook may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. For permission requests, email to the publisher Nikolaos Floratos at info@keyinnovations.co.uk and horizoneurope.events@sistemglobal.com.tr



This project is co-funded by the European Union
and the Republic of Türkiye



Thank you



ufukavrupa.org.tr



UfukAvrupa_TR



UfukAvrupa_TR



TÜBİTAK Ufuk Avrupa Programı



TÜBİTAK Ufuk Avrupa Programı

