



Horizon Europe potential applicant starterpack

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National Contact Point

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HORIZON EUROPE STRUCTURE

WORK PROGRAMMES 2023-2024

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

Exclusive focus on defence research & development

Research actions

Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation Council

European Innovation Ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

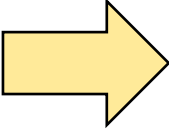
Fusion

Fission

Joint
Research
Center

PILLAR I EXCELLENT SCIENCE

**EUROPEAN
RESEARCH
COUNCIL**



Frontier research by
the best researchers
and their teams

STARTING GRANT

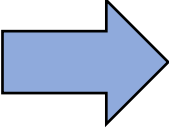
ADVANCED GRANT

CONSOLIDATOR
GRANT

SYNERGY GRANT

PROOF OF
CONCEPT

**MARIE
SKŁODOWSKA -
CURIE
ACTIONS**



Equipping researchers
with new knowledge
and skills through
mobility
and training

MSCA DOCTORAL
NETWORKS

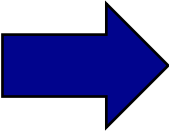
MSCA POSTDOCTORAL
FELLOWSHIPS

MSCA STAFF
EXCHANGES

MSCA & CITIZENS

MSCA COFUND

**RESEARCH
INFRASTRUC
TURES**



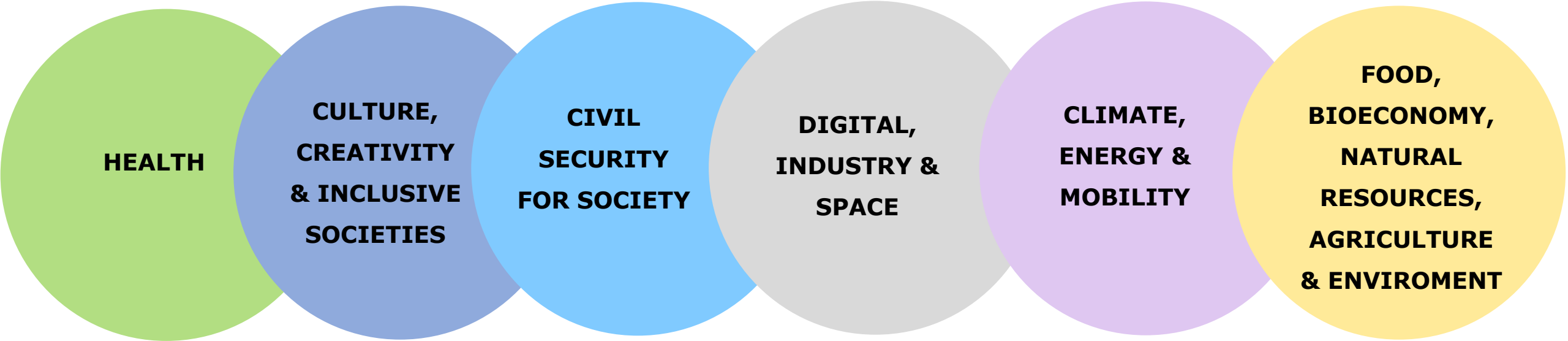
Integrated and
interconnected world-
class research
infrastructures

INFRADEV

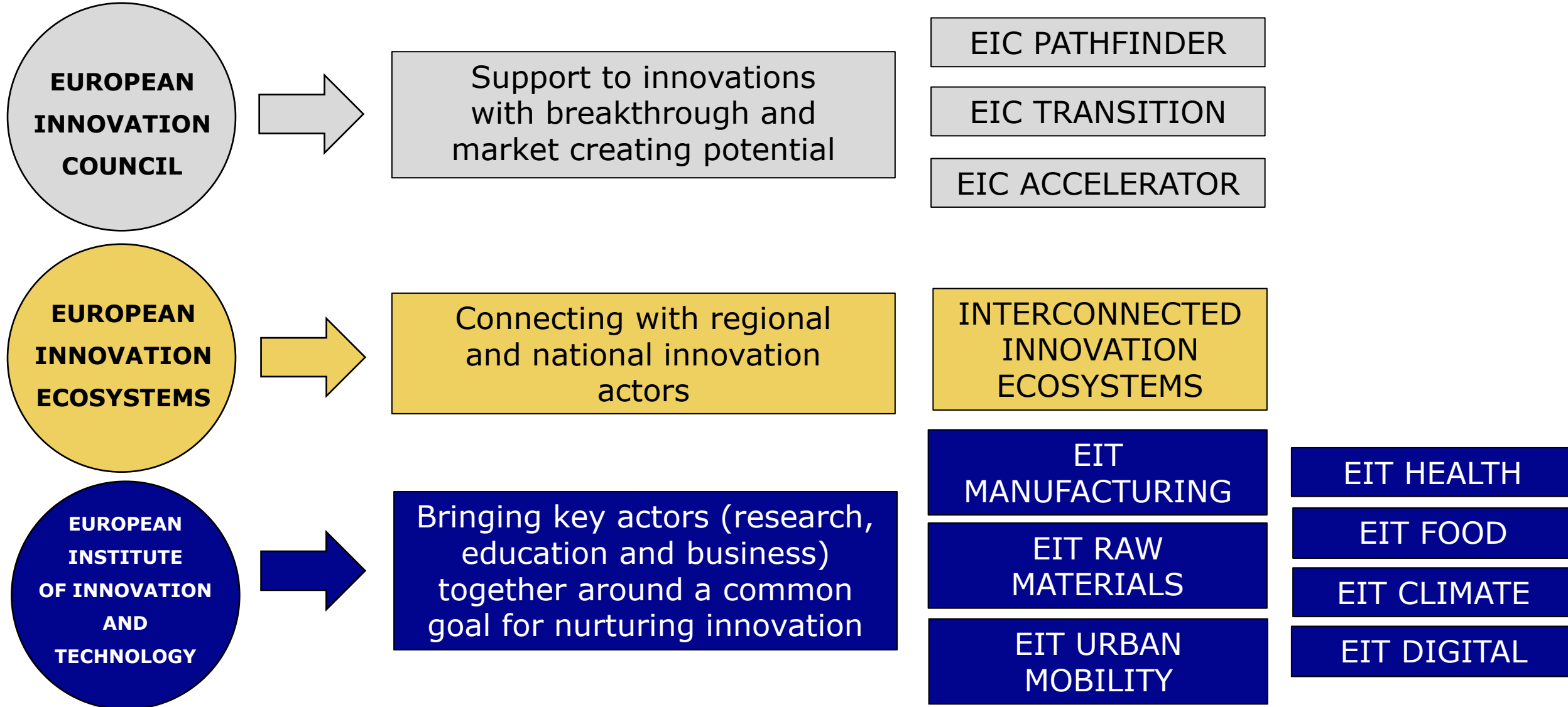
INFRANET

PILLAR II

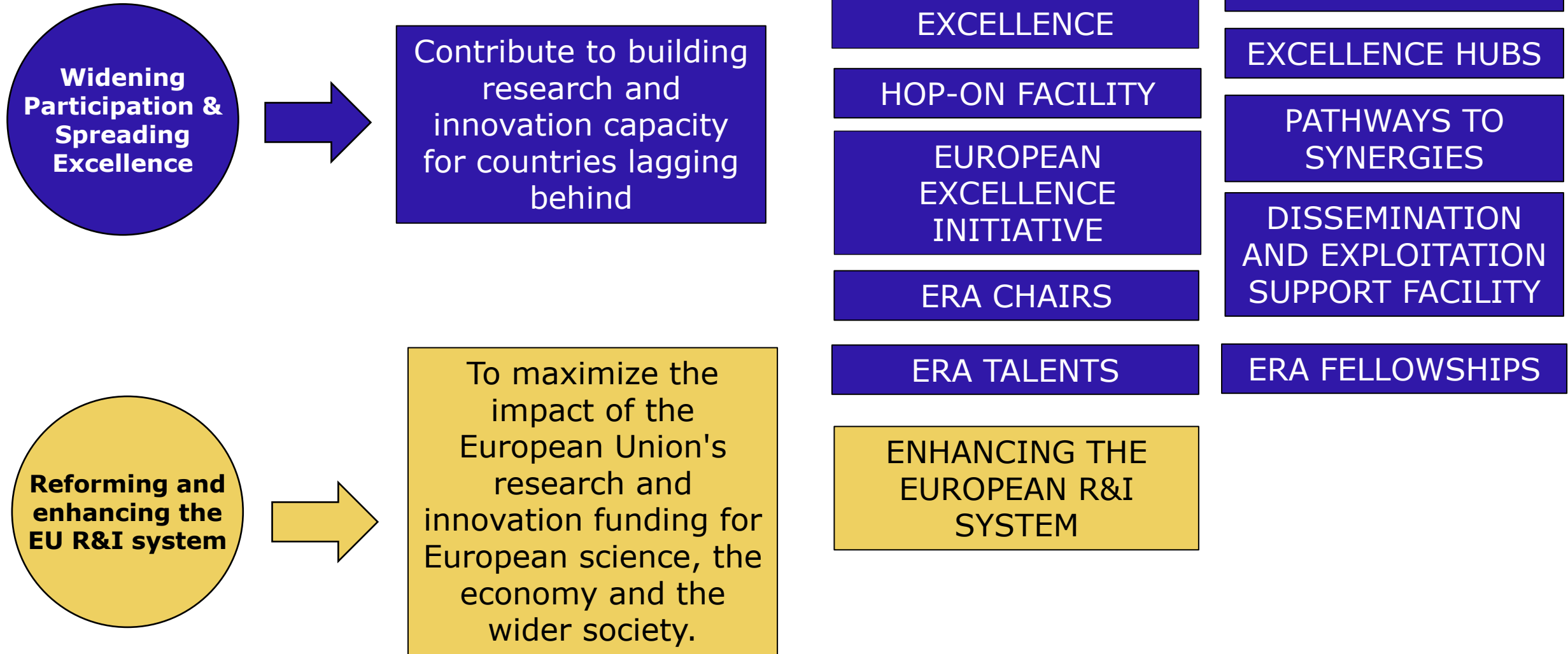
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS



PILLAR III INNOVATIVE EUROPE



WIDENING PARTICIPATION & STRENGTHENING THE EUROPEAN RESEARCH AREA (ERA)



PROJECT TYPES

TYPE	ACTIVITIES	FINANCING RATE
RIA (RESEARCH AND INNOVATION ACTIONS)	ACTIVITIES TO ESTABLISH NEW KNOWLEDGE OR TO EXPLORE THE FEASIBILITY OF A NEW OR IMPROVED TECHNOLOGY, PRODUCT, PROCESS, SERVICE OR SOLUTION.	UP TO 100%
IA (INNOVATION ACTIONS)	ACTIVITIES TO PRODUCE PLANS AND ARRANGEMENTS OR DESIGNS FOR NEW, ALTERED OR IMPROVED PRODUCTS, PROCESSES OR SERVICES.	* UP TO 70%
CSA (COORDINATION AND SUPPORT ACTIONS)	ACTIVITIES THAT CONTRIBUTE TO THE OBJECTIVES OF HORIZON EUROPE. THIS EXCLUDES R&I ACTIVITIES, EXCEPT FOR 'WIDENING PARTICIPATION AND SPREADING EXCELLENCE'.	UP TO 100%

* the rate is 70 percent for profit-making legal entities and 100 percent for non-profit legal entities

PROJECT TYPES

RESEARCH & INNOVATION ACTIONS	INNOVATION ACTIONS
BASIC & APPLIED RESEARCH	LIMITED R&D ACTIVITIES
TESTING / VALIDATION ON SMALL-SCALE PROTOTYPE (IN LAB OR SIMULATED ENVIRONMENT)	PROTOTYPING, TESTING, LARGE-SCALE PRODUCT VALIDATION & MARKET REPLICATION
LIMITED DEMO OR PILOT ACTIVITIES (TO SHOW TECH FEASIBILITY IN A NEAR TO OPERATIONAL ENVIRONMENT)	DEMO OR PILOT ACTIVITIES (TO SHOW TECH FEASIBILITY IN OPERATIONAL ENVIRONMENT)
DEVELOPING INNOVATIONS MEETING NEEDS OF MARKETS	DEVELOPING INNOVATIONS MEETING NEEDS OF MARKETS & THEIR DELIVERY TO MARKET
EXPLOITATION ACTIVITIES	

TECHNOLOGY READINESS LEVEL

Technology Readiness Levels (TRLs) are indicators of the maturity level of particular technologies

TRL 1 – BASIC PRINCIPLES OBSERVED

TRL 2 – TECHNOLOGY CONCEPT FORMULATED

TRL 3 – EXPERIMENTAL PROOF OF CONCEPT

TRL 4 – TECHNOLOGY VALIDATED IN LAB

TRL 5 – TECHNOLOGY VALIDATED IN RELEVANT ENVIRONMENT (INDUSTRIALLY RELEVANT ENVIRONMENT IN THE CASE OF KEY ENABLING TECHNOLOGIES)

TRL 6 – TECHNOLOGY DEMONSTRATED IN RELEVANT ENVIRONMENT (INDUSTRIALLY RELEVANT ENVIRONMENT IN THE CASE OF KEY ENABLING TECHNOLOGIES)

TRL 7 – SYSTEM PROTOTYPE DEMONSTRATION IN OPERATIONAL ENVIRONMENT

TRL 8 – SYSTEM COMPLETE AND QUALIFIED

TRL 9 – ACTUAL SYSTEM PROVEN IN OPERATIONAL ENVIRONMENT

(COMPETITIVE MANUFACTURING IN THE CASE OF KEY ENABLING TECHNOLOGIES; SPACE)

CLUSTER 4 “DIGITAL, INDUSTRY & SPACE”



EN

Horizon Europe

Work Programme 2023-2024

7. Digital, Industry and Space

Work programme:

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-7-digital-industry-and-space_horizon-2023-2024_en.pdf

Programme Guide:

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf



Horizon Europe (HORIZON)

Programme Guide

DESTINATION 1

CLIMATE NEUTRAL,
CIRCULAR AND
DIGITISED
PRODUCTION

DESTINATION 2

INCREASED
AUTONOMY IN KEY
STRATEGIC VALUE
CHAINS FOR
RESILIENT INDUSTRY

DESTINATION 3

WORLD LEADING
DATA AND
COMPUTING
TECHNOLOGIES

DESTINATION 4

DIGITAL AND
EMERGING
TECHNOLOGIES FOR
COMPETITIVENESS AND
FIT FOR THE GREEN
DEAL

DESTINATION 5

OPEN STRATEGIC
AUTONOMY IN
DEVELOPING,
DEPLOYING AND USING
GLOBAL SPACE-BASED
INFRASTRUCTURE,
SERVICES,
APPLICATIONS AND
DATA

DESTINATION 6

A HUMAN-CENTRED AND
ETHICAL DEVELOPMENT
OF DIGITAL AND
INDUSTRIAL
TECHNOLOGIES

CLUSTER 4 CALLS

DESTINATION 1 CLIMATE NEUTRAL, CIRCULAR AND DIGITISED PRODUCTION

07.02.2024.
(11 calls)



DESTINATION 2 INCREASED AUTONOMY IN KEY STRATEGIC VALUE CHAINS FOR RESILIENT INDUSTRY

07.02.2024.
(9 calls)



CLUSTER 4 CALLS

DESTINATION 3 WORLD LEADING DATA AND COMPUTING TECHNOLOGIES

19.03.2024.
(3 calls)

DESTINATION 4 DIGITAL AND EMERGING TECHNOLOGIES FOR COMPETITIVENESS AND FIT FOR THE GREEN DEAL

19.03.2024.
(11 calls)

CLUSTER 4 CALLS

DESTINATION 5 OPEN STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURE, SERVICES, APPLICATIONS AND DATA

20.02.2024.
(4 calls)

DESTINATION 6 A HUMAN-CENTRED AND ETHICAL DEVELOPMENT OF DIGITAL AND INDUSTRIAL TECHNOLOGIES

19.03.2024.
(4 calls)

Funding&tender opportunities

Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

Type your Keywords...

Match whole words only
 GRANTS TENDERS

Submission status

Forthcoming (3)
 Open for submission (4)
 Closed

Programming period

2021 - 2027 (7)

Horizon Europe (HORIZON)

Programme part

Digital, Industry and Space

Mission

Select a Mission...

Destination

World leading data and computing technologies (7)

Quick search on specific priorities

Select a Priority...

Funding and tenders (7)

Integration of data life cycle, architectures and standards for complex data cycles and/or human factors, language (AI, data and robotics partnership) (RIA)

HORIZON-CL4-2023-DATA-01-02

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Research and Innovation Actions	Deadline model	single-stage
Opening date	08 December 2022	Deadline date	29 March 2023 17:00:00 Brussels time

[Call for proposal](#) [Grant](#)

Cognitive Computing Continuum: Intelligence and automation for more efficient data processing (AI, data and robotics partnership) (RIA)

HORIZON-CL4-2023-DATA-01-04

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Research and Innovation Actions	Deadline model	single-stage
Opening date	08 December 2022	Deadline date	29 March 2023 17:00:00 Brussels time

[Call for proposal](#) [Grant](#)

Collaboration with NSF on fundamental research on new concepts for distributed computing and swarm intelligence (CSA)

HORIZON-CL4-2023-DATA-01-07

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Coordination and Support Actions	Deadline model	single-stage
Opening date	08 December 2022	Deadline date	29 March 2023 17:00:00 Brussels time

[Call for proposal](#) [Grant](#)

Coordination and Support of Cognitive Computing Continuum research and policy (CSA)

HORIZON-CL4-2023-DATA-01-06

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Coordination and Support Actions	Deadline model	single-stage
Opening date	08 December 2022	Deadline date	29 March 2023 17:00:00 Brussels time

[Call for proposal](#) [Grant](#)

Partner search announcements

Searches of partners to collaborate on this topic

17

[View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal, as well as any user having an active public Person profile.

SUGGESTIONS

STRIVE FOR EXCELLENCE:

FOCUS EXCLUSIVELY ON THE CALLS WHEN YOU CAN MAKE A DIFFERENCE WITH YOUR SPECIFIC KNOW-HOW, EXPERIENCE SKILLS, RESEARCH AND INNOVATION

READ BETWEEN-THE-LINES TO ASSESS THE CALL AIMS

DO NOT ADDRESS ALL THE LISTED TECHNOLOGIES IN ONE PROPOSAL, FOCUS ON ONE

BENCHMARK YOURSELF AMONG THE OTHER SOLUTIONS

TEST THE REAL WORLD CONDITIONS, WORK WITH REAL USERS

SHOOT FOR IMPACT:

TARGET MEASURABLE RESULTS IN THE TERMS OF BUSINESS RESULTS, INNOVATION PERFORMANCE AND DISRUPTIVE TECHNOLOGY SOLUTIONS

HOW YOU ARE GOING TO ADDRESS THE BULLET POINTS, DO NOT COPY THE POINTS

DOES YOUR PROPOSED PROJECT SATISFY ALL THE IMPACT REQUIREMENTS OF THE TOPIC?

THIS SECTION IS KEY TO SUCCESS – STUDY THE IMPACT REQUIREMENTS EXTREMELY CAREFULLY AND WORK BACKWARDS FROM THESE TO FORM THE CONSORTIUM

SUGGESTIONS

CHOOSE STAR PARTNERS:

ONLY A STRONG CONSORTIUM COMPOSED OF SELECT PARTNERS CAN DELIVER EXCELLENCE ON TIME AND ON BUDGET

NOTE:

ESTIMATED BUDGET WINDOW IN THE CALL – GIVES A STEER TO THE APPROPRIATE DURATION/SCALE OF THE PROJECT AND SIZE OF CONSORTIUM THAT MIGHT BE EXPECTED

BECOME AN EVALUATOR:

REGISTER AS AN EXPERT FOR HORIZON EUROPE TO GAIN VALUABLE EXPERIENCE ON 'THE OTHER SIDE'

IMPROVE:

IF UNSUCCESSFUL, DO READ YOUR EVALUATION SUMMARY REPORT CAREFULLY TO DISCOVER WHERE YOU NEED TO IMPROVE IN FUTURE

BROKERAGE EVENTS

Event organised by: IDEAL-IST

15 December 2022 - 16 December 2022

Horizon Europe Digital - Face2Face Brokerage

INFO DAYS 2022
BROKERAGE
CLUSTER 4 | DIGITAL
15-16 DEC 2022

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

EUROPEAN UNION

Home How it works Information Day Past events Project Idea Consultation Cascading Grant Arena Contacts

Register now
Open until 29 March 2023

ORGANISED BY
IDEAL-IST

Ideal-ist, the network of National Contact Points for ICT research, in cooperation with the Enterprise Europe Network invites you to participate in a **brokerage event** with pre-arranged **online Face2Face meetings** complementing the first Horizon Europe event the Information Day on Cluster 4 - Digital, Industry & Space.

This brokerage event is a unique networking opportunity for actors in the DIGITAL field! Follow us via #F2F2022

[Digital brokerage event](https://www.ideal-ist.eu)
Destinations 3, 4, 6



<https://www.ideal-ist.eu>

[Space brokerage event](https://www.ncp-space.net)
Destination 5



<https://www.ncp-space.net>

Event organised by: NCP4 INDUSTRY

14 December 2022

Horizon Europe - Industry 2023 Brokerage event

BROKERAGE
EVENT
CLUSTER 4 | INDUSTRY
14th December 2022

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

EUROPEAN UNION

Home How it works Past events Contacts Project Idea check

Register now
Open until 31 March 2023

Long term matchmaking available until 31 March 2023

Project Idea Check reopened until 13 March 2023

[Industry brokerage event](https://ncp4industry.eu)
Destinations 1, 2



<https://ncp4industry.eu>

Event organised by: COSMOS

8 December 2022

Horizon Europe - Brokerage Event for Cluster 4 - Space calls 2023

INFO DAYS 2023
BROKERAGE
CLUSTER 4 | SPACE

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

EUROPEAN UNION

Home How it works Call Topics FAQ Contact

Welcome to

Register now
Open until 28 March 2023

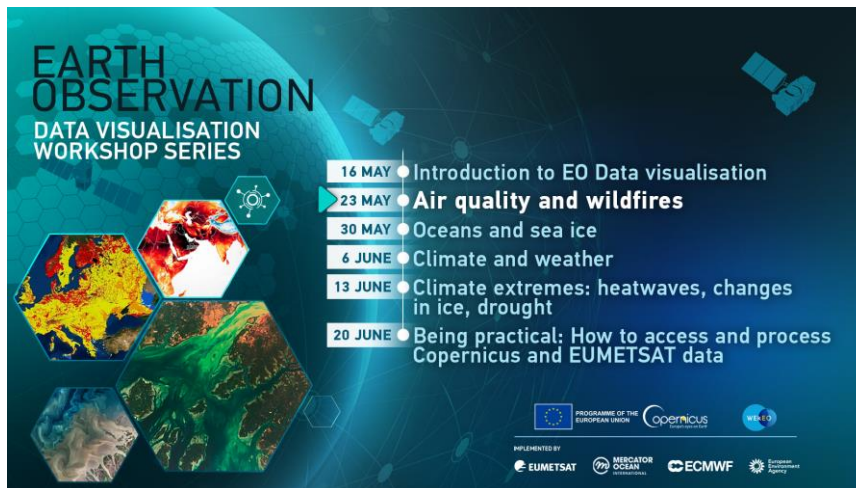
EVENTS



<https://euspaceforum.com>



<https://www.copernicus25.eu/>



<https://eodata4storytelling.eu/>



<https://land.copernicus.eu/user-corner/events/european-ground-motion-service-webinar-series-2023>

STATISTICS (LATVIA)

PARTICIPANTS IN PROPOSALS	636
PROPOSALS	474

NET EU CONTRIBUTION	32 703 267 €
PROJECTS	115
PARTICIPATIONS	137

COORDINATORS	6
PARTICIPANTS	131

HES	38
PUB	14
REC	39
PRC	30
OTH	16

PARTICIPANT	PROJECTS	EU NET CONTRIBUTION
LATVIJAS UNIVERSITATE	15	4 524 298 €
LATVIJAS ZINATNES PADOME	13	3 626 451 €
LATVIJAS UNIVERSITATES CIETVIELU FIZIKAS INSTITUTS	3	3 070 937 €
LATVIJAS ORGANISKAS SINTEZES INSTITUTS	4	2 570 331 €
ELEKTRONIKAS UN DATORZINATNU INSTITUTS	7	2 513 407 €
LATVIJAS VALSTS MEZZINATNES INSTITUTS SILAVA	4	1 105 921 €
NODIBINAJUMS BALTIC STUDIES CENTRE	3	1 056 938 €
RIGAS TEHNISKA UNIVERSITATE	5	972 371 €
VIDZEMES AUGSTSKOLA	3	757 864 €

LATVIAN NCP TEAM



**Jānis
Ancāns**

CL1



**Sarmīte
Mickeviča**

Widening, CL3,
CL4



**Jūlija
Asmuss**

Coordinator,
CL3, CL4



**Marija
Plotniece**

EIC, EIT, EIE, RI



**Aiga
Salmiņa**

CL5, CL6, JRC



**Darja
Aksjonova**

CL2,
EURAXESS,
Widening



Inga Šīrante

Legal and
Financial issues



Liene Ekša

MSCA, ERC,
ERA



**Lāsma
Brenča**

CL5, CL6

HOW CAN WE SUPPORT YOU?

INFORMATIVE:	CONSULTANCY:	TRAINING AND INFORMATION DAYS:
<ul style="list-style-type: none">■ NEWS IN YOUR EMAIL■ QUARTERLY NEWSLETTER■ LCS HOMEPAGE■ SOCIAL NETWORKS■ DIRECTION TO OTHER OPPORTUNITIES	<ul style="list-style-type: none">■ INDIVIDUAL CONSULTATIONS■ CONSULTATION IN A GROUP	<ul style="list-style-type: none">■ PUBLIC EVENTS■ EVENT RECORDINGS■ DIRECTION TO EC WEBINARS, BROKERAGE■ TAILOR MADE PRESENTATION FOR YOUR ORGANIZATION

<https://www.lzp.gov.lv/lv/pasakumu-informativie-materiali>



Latvijas Zinātnes
padome

APVĀRSNIS
EIROPA

#NKP

research[★]
Latvia

Value Through Knowledge

Thank you!

