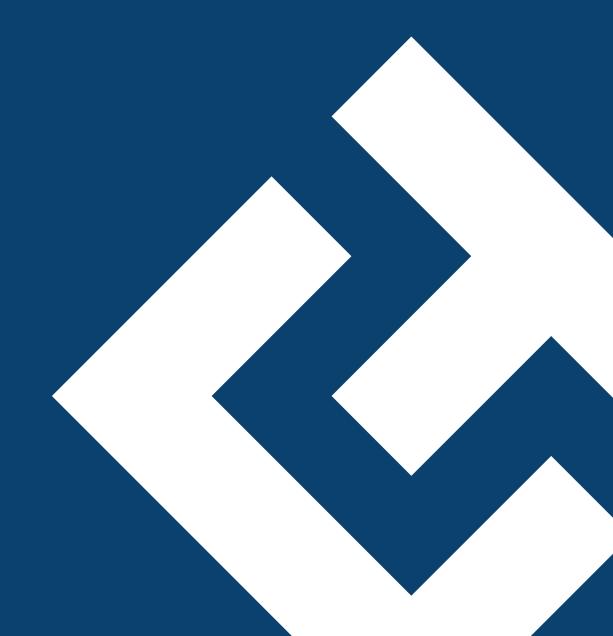


HORIZONT EVROPA 2021-2027

Naďa Koníčková Unijní programy – Horizont Evropa 2021-2027



HORIZON EUROPE (2021-2027) STRUCTURE

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: **EUROPEAN** DEFENCE FUND

Exclusive focus on defence research & development

> Research actions

Development actions

uropean Union 2021

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT

Exclusive focus on civil applications



European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II **GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL**

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

Joint Research Centre



European Innovation Council

European innovation ecosystems

European Institute of Innovation & Technology* Fusion

Fission

Joint Research Center

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system



WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

^{*} The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

POLICY CONTEXT..... (EXAMPLES)

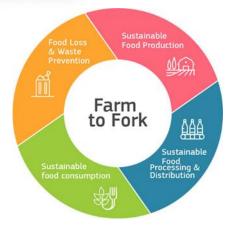


















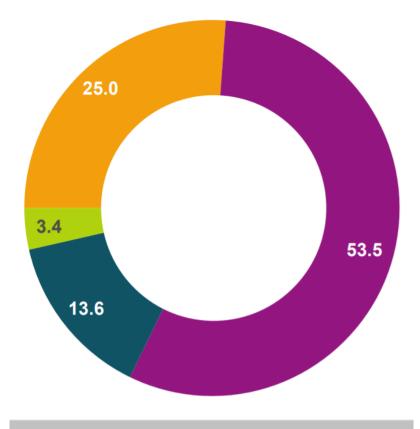
HORIZON EUROPE BUDGET

- Budget Horizon Europe: 95.5 bn € (2021-2027) 30 % increase compared to H2020
 (includes 5.4 bn € from NGEU Next Generation Europe programme of EU for Recovery from COVID-19 crisis)
- Excellent Science 25 bn €
- ❖ Global Challenges and European Industrial Competitiveness 53,5 bn €
- Innovative Europe 13,6 bn €
- Widening Participation and ERA 3,4 bn €



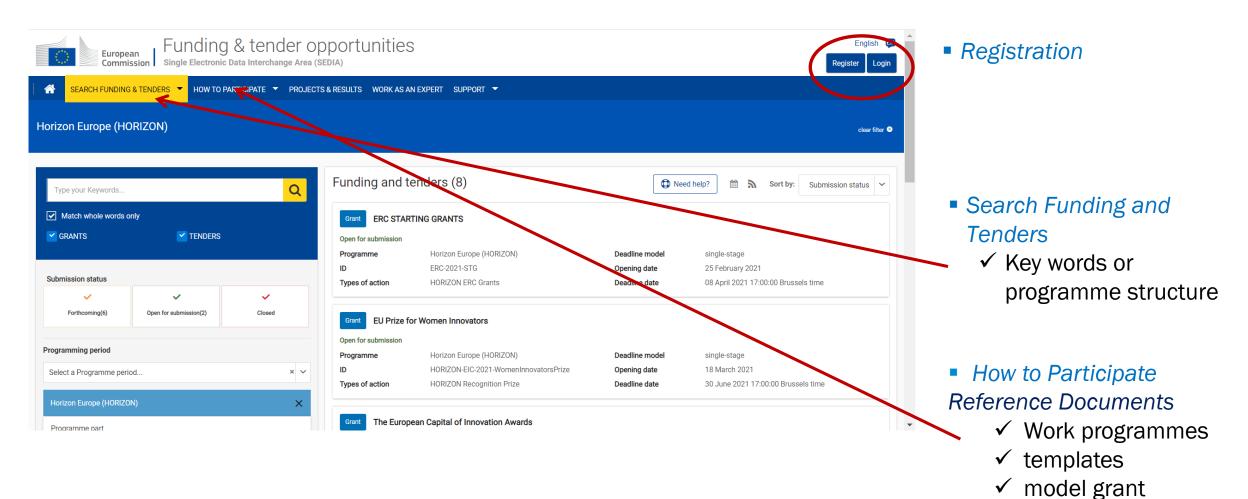
• Euratom:

1,38 bn € (2021 - 2025)



PORTAL EC: FUNDING & TENDER OPPORTUNITIES

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home





agreement

TYPES OF ACTIONS

Research and innovation actions (RIA) Coordination Innovation and support actions (IA) actions (CSA) Horizon **Europe** Frontier Cofund research grants (ERC) Training and mobility actions (MSCA)

Public procurement of innovative solutions actions (PPI)

> Precommercial procurement actions (PCP)

Innovation and market deployment actions (EIC)



MAIN TYPES OF ACTIONS AND FUNDING RATES

100%

70/100%

100%

Research and Innovation Actions (RIA)

- Research activities, basic and applied research, testing
- Limited demonstration activities

Innovation Actions (IA)

- Activities that aim directly to produce plans for new/improved products, processes, services
- Prototypes, testing, demonstrating, piloting
- Limited research and development activities

Coordination and Support Actions (CSA)

- Information and networking activivities
- Excludes research and innovation activities
- Could be actions submitted individually

+ 25 % overheads



MISSIONS IN HORIZON EUROPE

= a portfolio of actions across disciplines intended to achieve a bold and inspirational and measurable goal within a set timeframe, with impact on society and policy making as well as relevance for the significant part of the European population and wide range of European citizens

5 Missions in Horizon Europe

Adaptation to Climate Change

Cancer

Climate-neutral and Smart Cities

Restore our Ocean and Waters

Soil Deal for Europe













EUROPEAN PARTNERSHIPS

PILLAR II - Global challenges & European industrial competitiveness				PILLAR III - Innovative Europe	
CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture,	EIT	SUPPORT TO INNOVATION ECOSYSTEMS
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	InnoEnergy	Innovative SMEs
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth	Climate	
Transformation of health systems	High Performance	Single European Sky ATM Research 3	Climate Neutral,	Digital	
Chemicals risk	Computing	Europe's Rail	Sustainable & Productive Blue Economy	Food	
Assessment (Art. 185)	European Metrology (Art. 185)	Connected and Automated Mobility (CCAM) Batteries Zero-emission waterborne transport	Water4All	Health	
ERA for Health	Al-Data-Robotics		Animal Health & Welfare*	Raw Materials	
Rare diseases*	Photonics		Accelerating Farming Systems Transitions*	Manufacturing	
One-Health Anti Microbial Resistance*	Made in Europe			Urban Mobility	
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Agriculture of Data* Safe & Sustainable Food	Cultural and Creative Industries	
Pandemic Preparedness* Co-funded or co- programmed	Processes4Planet	Built4People	CROSS-PILLARS II AND III		
	Global competitive space systems**	Clean Energy Transition			
		Driving Urban Transitions		European Open Science Cloud	
Institutionalised Partnerships (A Institutionalised partnerships / E Co-Programmed Co-Funded	,	* Calls with opening dates in 2023			European Commission

** Calls with opening dates not before 2022





NCP HORIZON EUROPE

www.horizontevropa.cz
https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/support/ncp

horizont@tc.cz