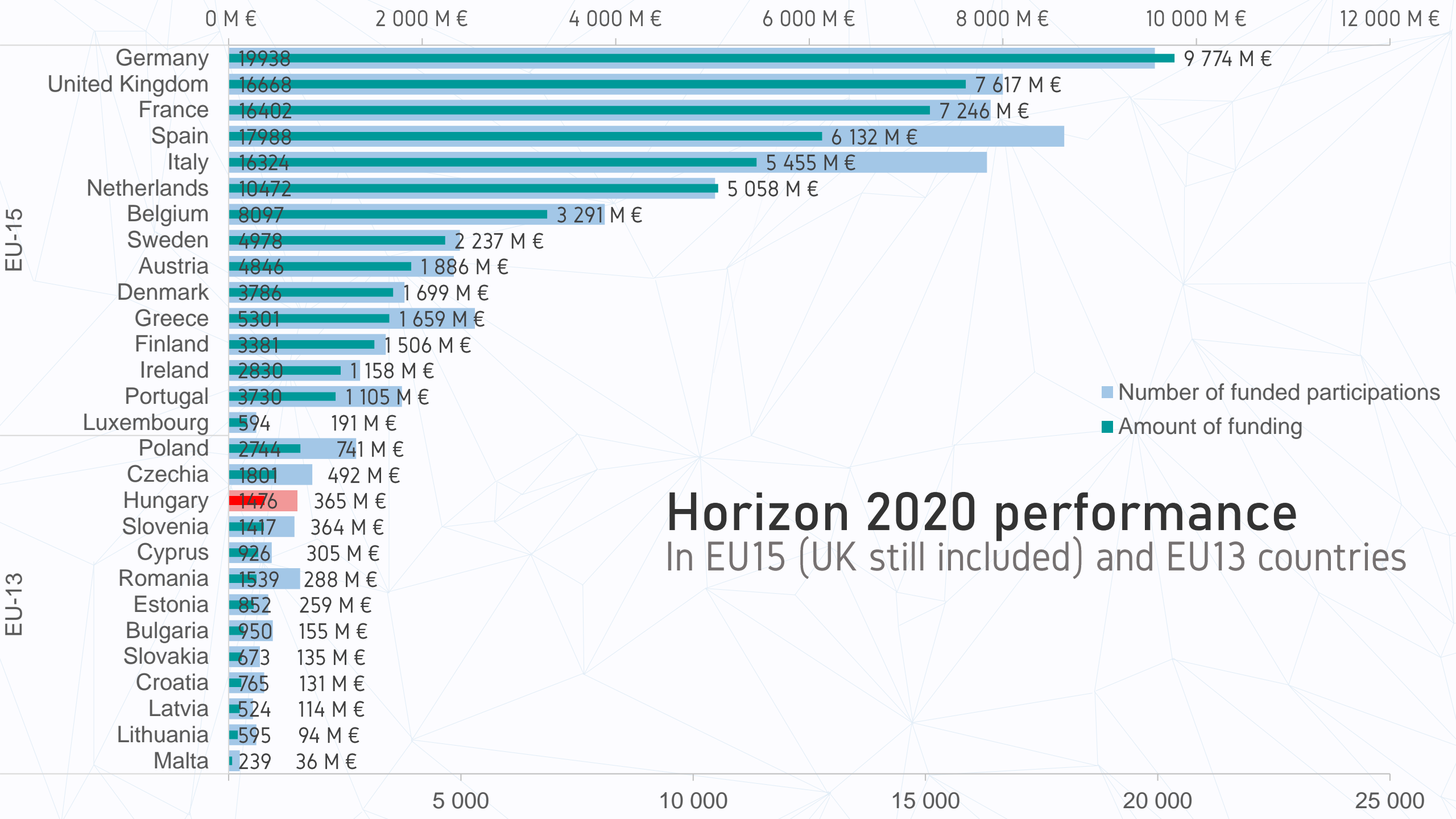


# How to boost successful Hungarian participation in Horizon Europe programme? National incentives and measures

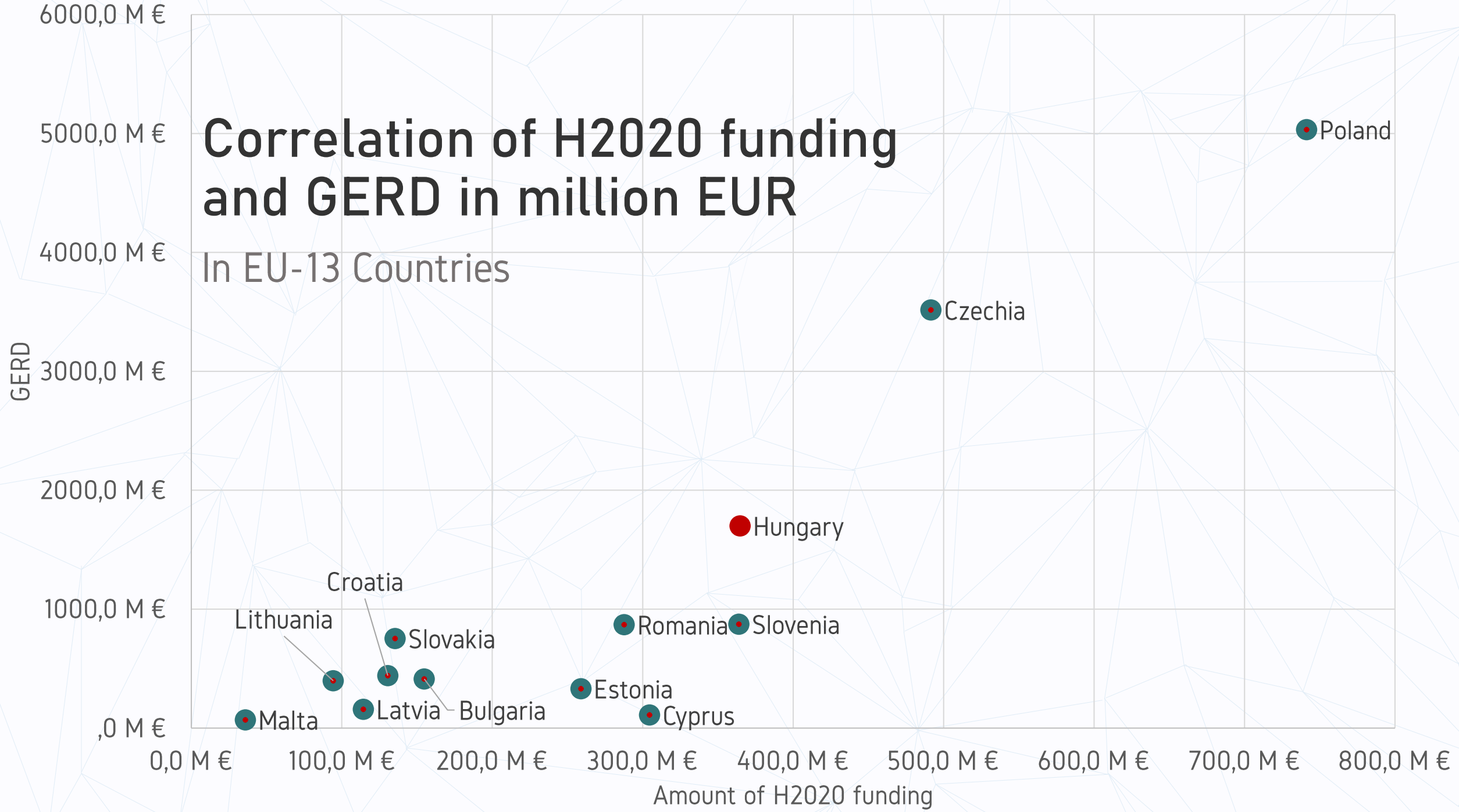
Dr. István Szabó, Vice-President for Science and  
International Affairs  
National Research Development and Innovation Office

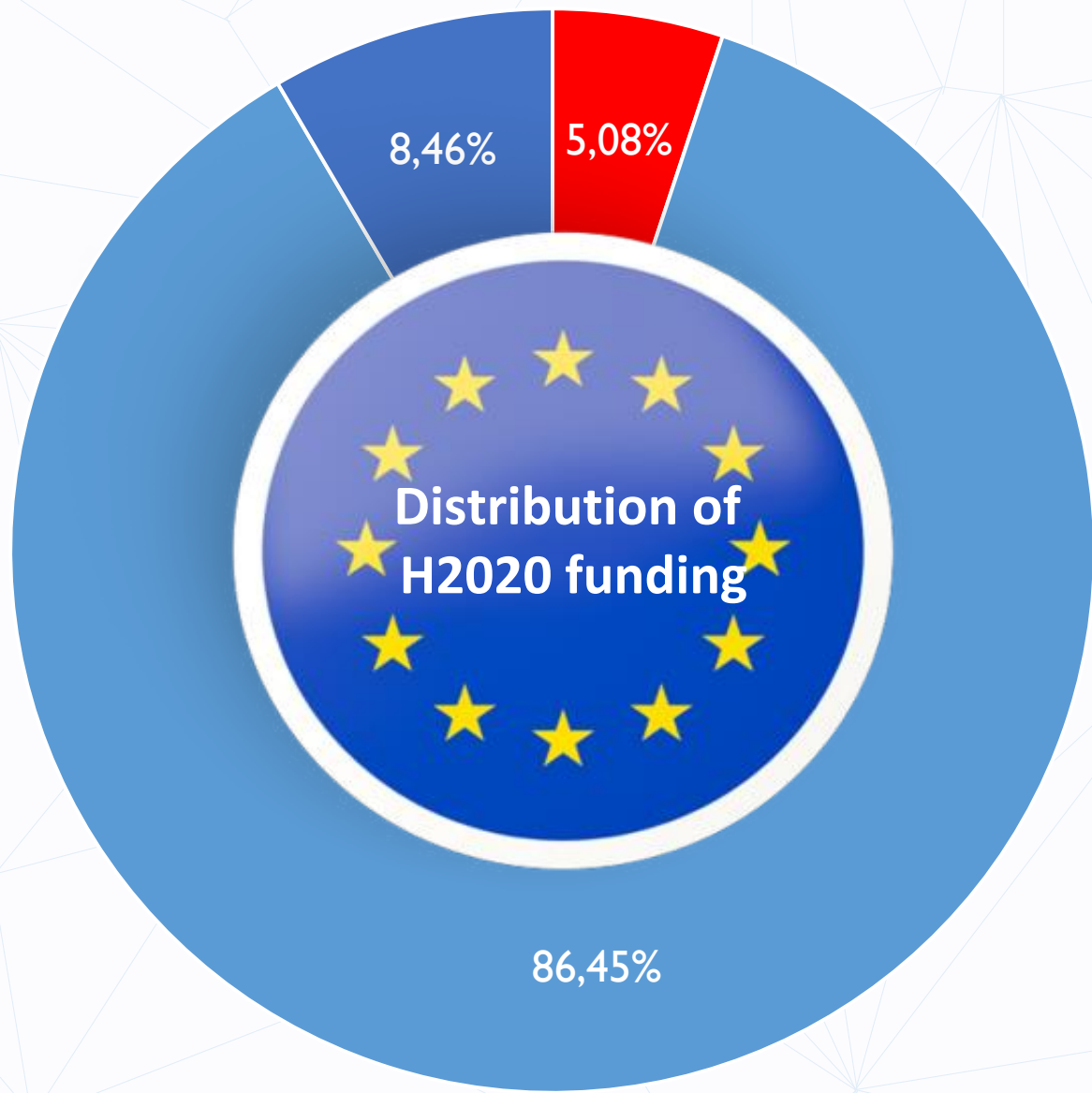
Horizon Europe Hungarian Launch Event  
29 March 2021



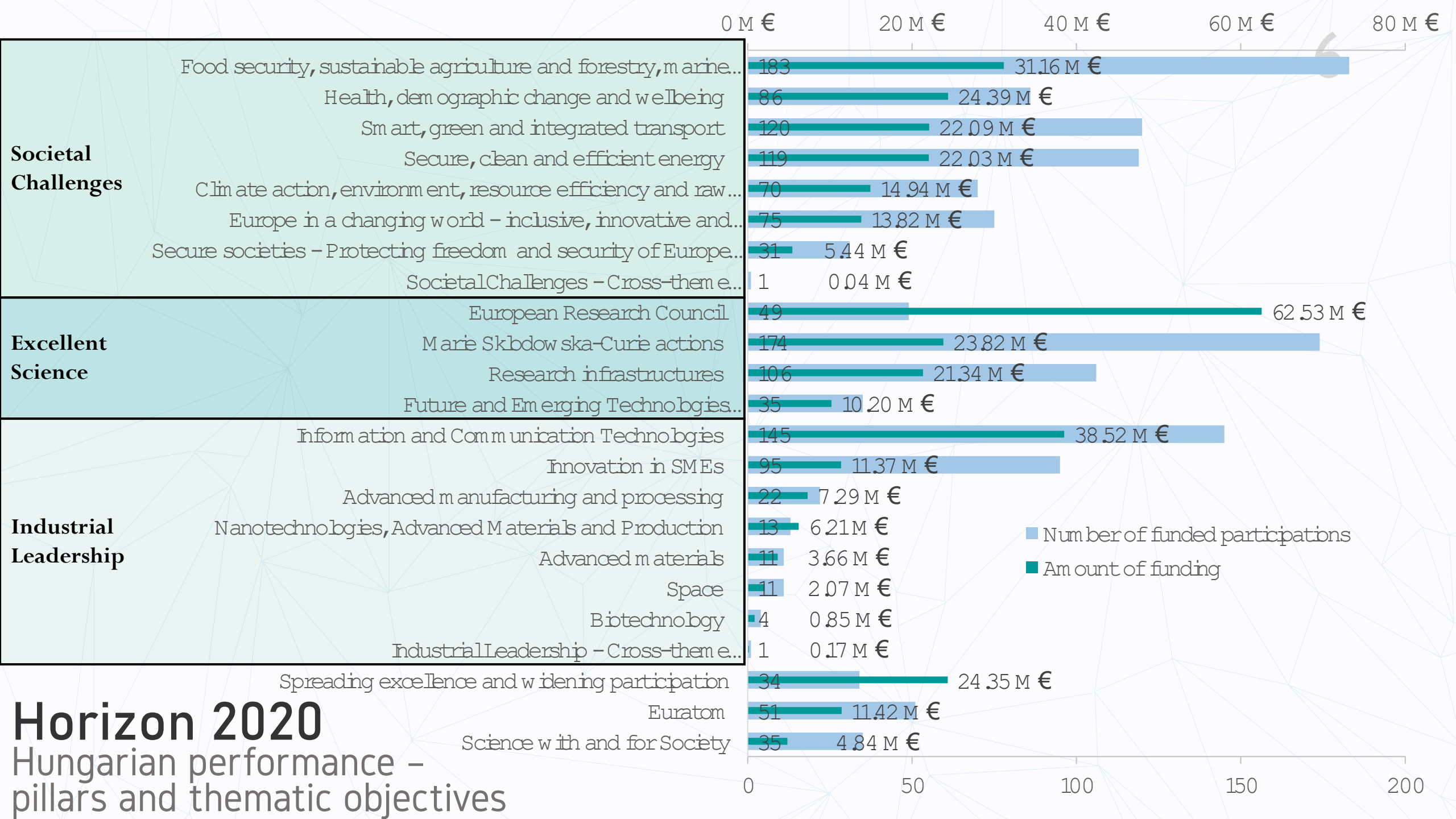
# Correlation of H2020 funding and GERD in million EUR

In EU-13 Countries





- EU-13
- EU-15
- OTHER

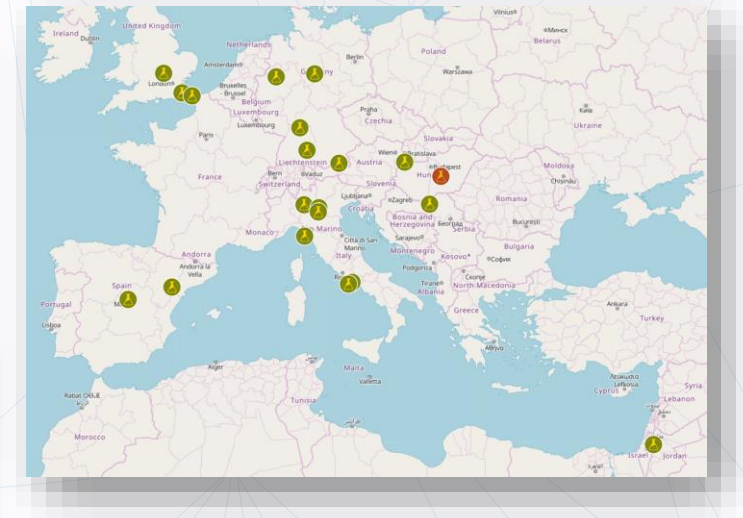


# Horizon 2020

## Hungarian performance - pillars and thematic objectives

# CO-VERSATILE project - Adaptive and resilient production and supply chain methods and solutions for urgent need of vital medical supplies and equipment

- Coordinator: SZTAKI - Institute for Computer Science and Control (HU)
- Consortium: 21 members from AT, CH, DE(4), ES(3), HU(2), IL, IT(5), NL, UK(3)
- Budget: 6.27 MEUR (EU contribution 5.37 MEUR)



Re-design and repurpose manufacturing to deliver a 48-hour industrial response and address spikes in demand for medical equipment

## DISINFECTION SPRAYING SYSTEMS



A 30% increase in production capacity



## FACE MASKS AND RESPIRATORS



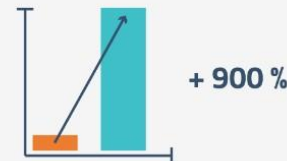
Shift the production of medical-grade silicone N95 masks  
A 100% increase in production capacity of FFP1, FFP2, FFP3 masks



## VENTILATOR SYSTEMS AND BLOWER MODULES



10 times increase in production capacity



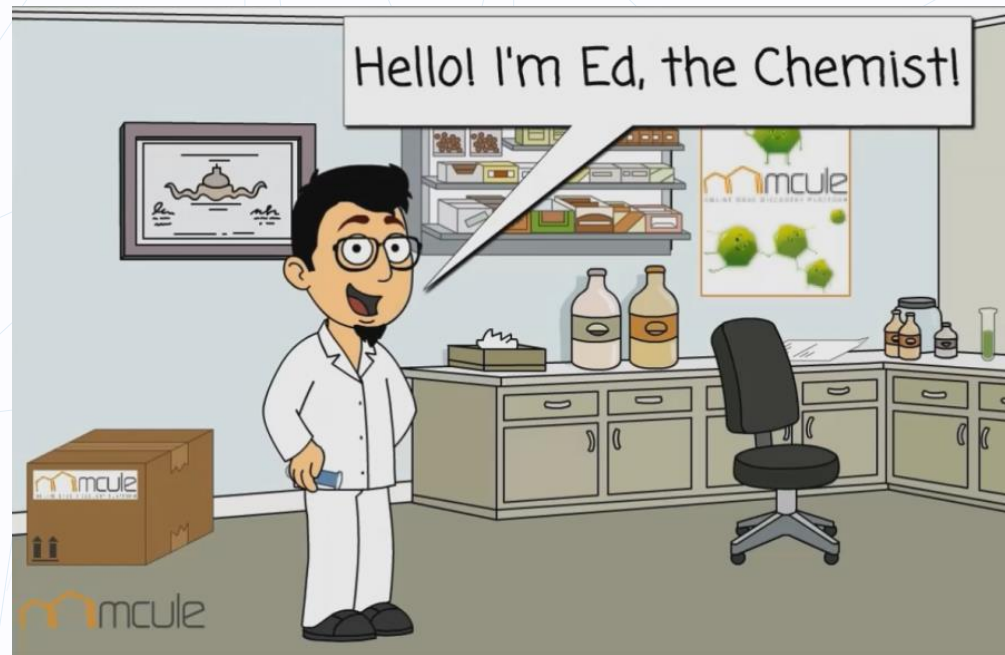
- 23 supported projects (out of 458 proposals) in the special coronavirus call of May 2020
- Duration: Nov 2020 - Oct 2022
- Website: <http://co-versatile.eu>

# ULTIMATE project

**Duration:** Aug. 2017 - July 2019

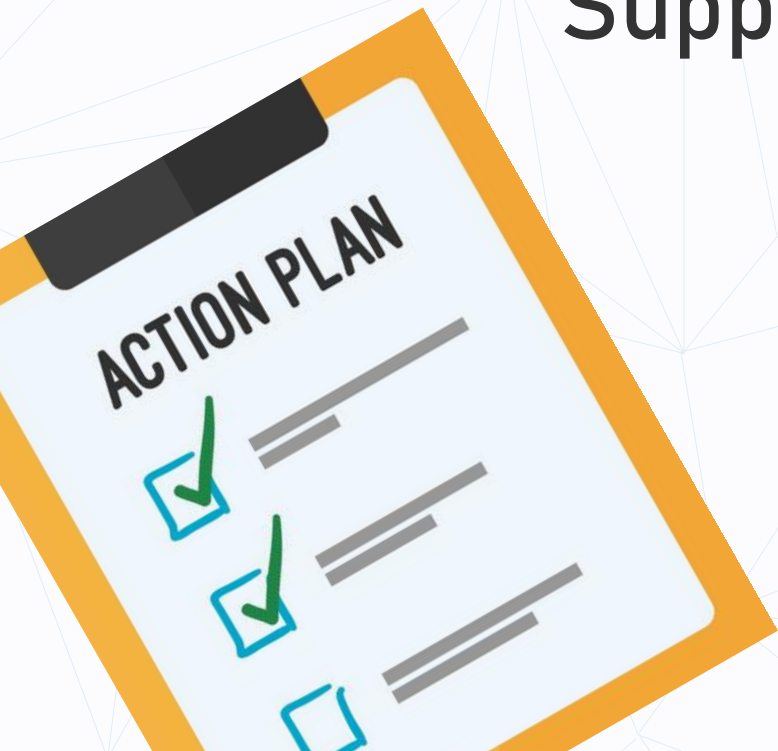
**Budget:** EUR 2 011 662 (EU contribution: EUR 1,4 billion)

**Website:** [Mcule - Ultimate Database Project](#)



- Mcule.com Kft. has developed an online drug discovery platform
- It offers a unique solution for pharma and biotech companies by providing the highest quality purchasable compound database and molecular modeling tools
- Key innovation: an artificial chemist algorithm, which can generate virtual compounds using chemicals from known supplier partners and selected robust chemical reactions. This offers scientists the opportunity to work with unprecedented molecules of high patentable potential and identify drug-like compounds that didn't previously exist.

# Support measures and incentives





# Promoting Horizon Europe



- Online series of webinars focusing on different areas of Horizon Europe – from February 2021 11 onwards
- [Horizon Europe event calendar](#) on the website of the National Research Development and Innovation Office – presentations available
- Launching a dedicated Hungarian Horizon Europe webpage (April 2021)
- (Online) Roadshow in the regions – starting from April – May 2021

# Complete system of free and tailor-made services of the National Contact Points (NCP-s)



- Thematic info days, consultations focusing on open calls;
- Horizon Europe trainings– for beginners and/or newcomers to framework programmes and for more experienced applicants;
- Legal and financial consultancy;
- Trainings in project management and proposal writing;
- Demonstrating models and strategies for successful consortium building;
- Personalized consultancy with applicants;
- Pre-evaluation of Horizon Europe proposals with the support of NCPs and professional evaluators;
- SME mentoring programme (preparing SME-s for Horizon Europe calls with the help of professional evaluators and proposal writers)

# Our NCP colleagues



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# Developing support mechanisms & institutions

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- Extended network of National Contact Points
- Horizon Europe contact points at regional/institutional level in higher education institutions (within the frames of the university innovation ecosystem -EIO call)- in close cooperation with the National Contact Point network;
- Network of international coordinators in National Laboratories
- Liaison office in Brussels- representation, networking, obtaining information, lobbying

## Cooperation with Horizon Europe proposal evaluators

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- Promoting the get involved in Horizon Europe evaluation activities (recruiting new expert evaluators at the launch of Horizon Europe)

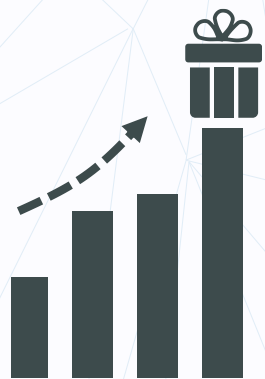
Call is open for experts:

[call-for-expression-of-interest\\_en.pdf](#)

- Organizing regular discussion fora for evaluators to share experience
- Using the support of evaluators in Horizon Europe consultancy (events, trainings, pre-evaluations)

# Incentives in the Hungarian RDI funding portfolio

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- Providing bonus score to applicants with FP7 and Horizon 2020 history in the case of programmes aiming at innovative companies
- Introducing target indicators and commitments related to the number of submitted proposals and funded projects in Horizon Europe in national calls aiming at supporting higher education institutions and research organisations.
- Promoting joint application of universities and enterprises in Horizon Europe through the University Innovation Ecosystem (EIÖ) call
- Gradually introducing and promoting the Horizon Europe scheme structure and evaluation system (including English language application process) in the Hungarian RDI funding system

# Horizon Europe support schemes

Consortium building Call (EU\_KP) – preparing proposals networking, proposal writing personal costs –in case of coordinators, proof reading (design phase)

Facilitating access to significant international research infrastructures (planned announcement: May 2021)

Forefront Research Excellence Programme (ERC Seal of Excellence)

Reinforcing participation in H2020 and in future Horizon Europe partnership calls (combining EU and national funding) :

- Supporting increased participations in the AAL, EUROSTARS (NEMZ), ECSEL (NEMZ\_ECSEL) programmes
- promoting involvement in Horizont 2020 "ERA-NET Cofund" type calls

Co-financing European Partnerships under Horizon Europe with Hungarian participation (from 2022)

Supporting network building (design phase) – stimulating participation in international RDI organisations, networks, and promoting international networking (design phase)

Horizon Europe EIC Accelerator call (planned announcement: March 2021)

EIT KIC support scheme

Seal of Excellence - SME (design phase)



# Thank you for your attention!

Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal

[www.nkfi.gov.hu](http://www.nkfi.gov.hu)

<http://www.h2020.gov.hu/>