



TECHNOLOGY
CENTRE PRAGUE

30
YRS
1994-2024

One of the trends of Czech participation in Horizon Europe

—
Daniel Frank

CZEDER, 27th February 2024



H2020 – FINAL EVALUATION



Horizon 2020 programme – final evaluation

one of the statement: *limited capacity in Widening countries to manage international R&I projects*

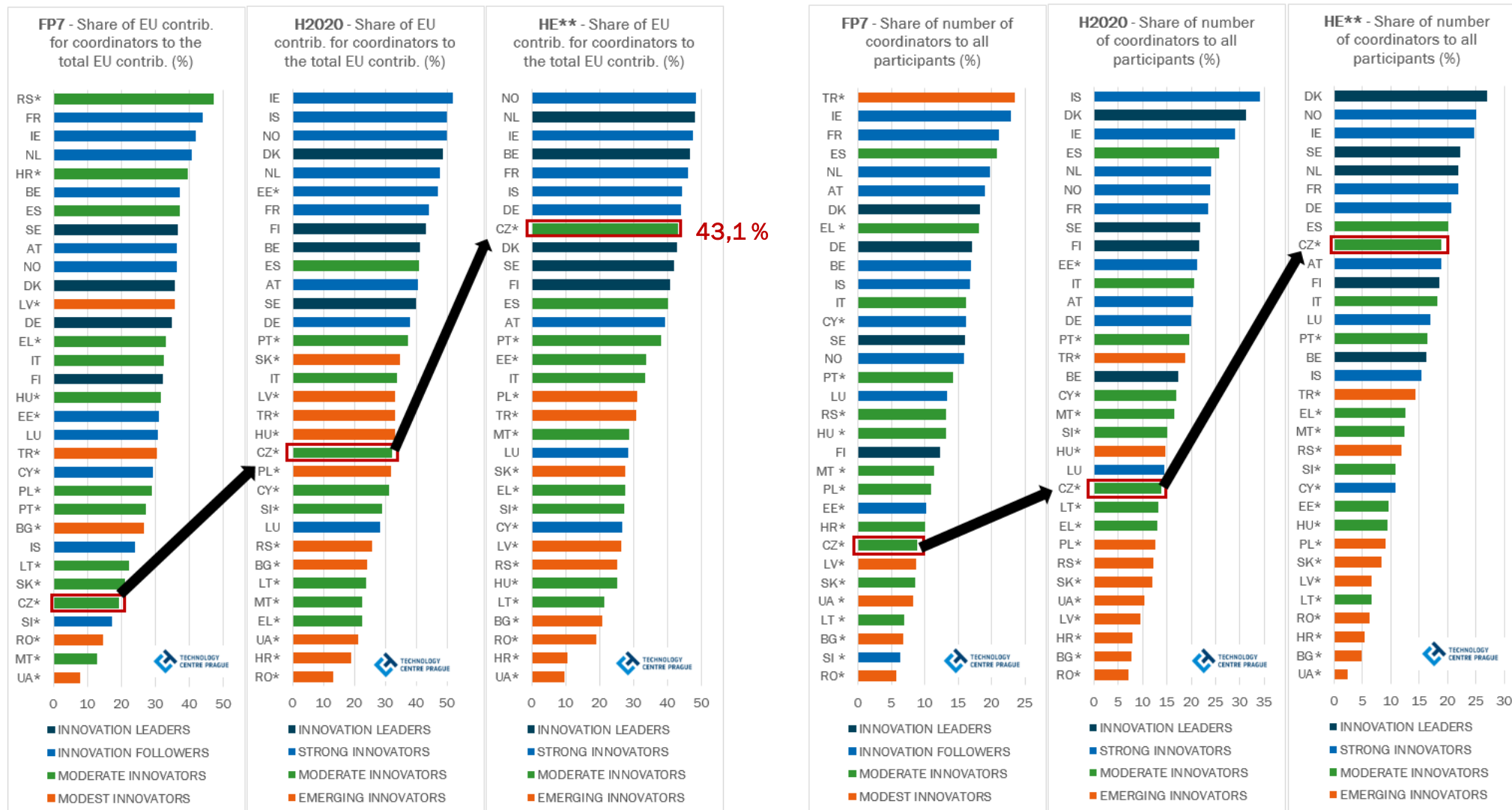
THE BENEFITS OF PROJECT LEADERSHIP

- **prestige** that the coordinating body naturally gains
- ideal tool to **promote own research and ideas**

„The coordinator as captain can steer the research ship in a direction that makes sense and can more easily pursue own research directions and visions.“

- **economic dimension** - coordinators receive a third (and sometimes more) of the total project budget
- coordinators **increase their country's participation** in the FPs - **pull effect of coordinator** - the coordinator attracts more national participants to the project (research consortium), more coordinators means higher participations in FPs

COORDINATORS VS TOTAL PARTICIPATION



Source: EC - HE eCORDA 10/2023, H2020 eCORDA 12/2023, FP7 eCORDA 10/2017
 EIS 2013, 2020, 2023 own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024

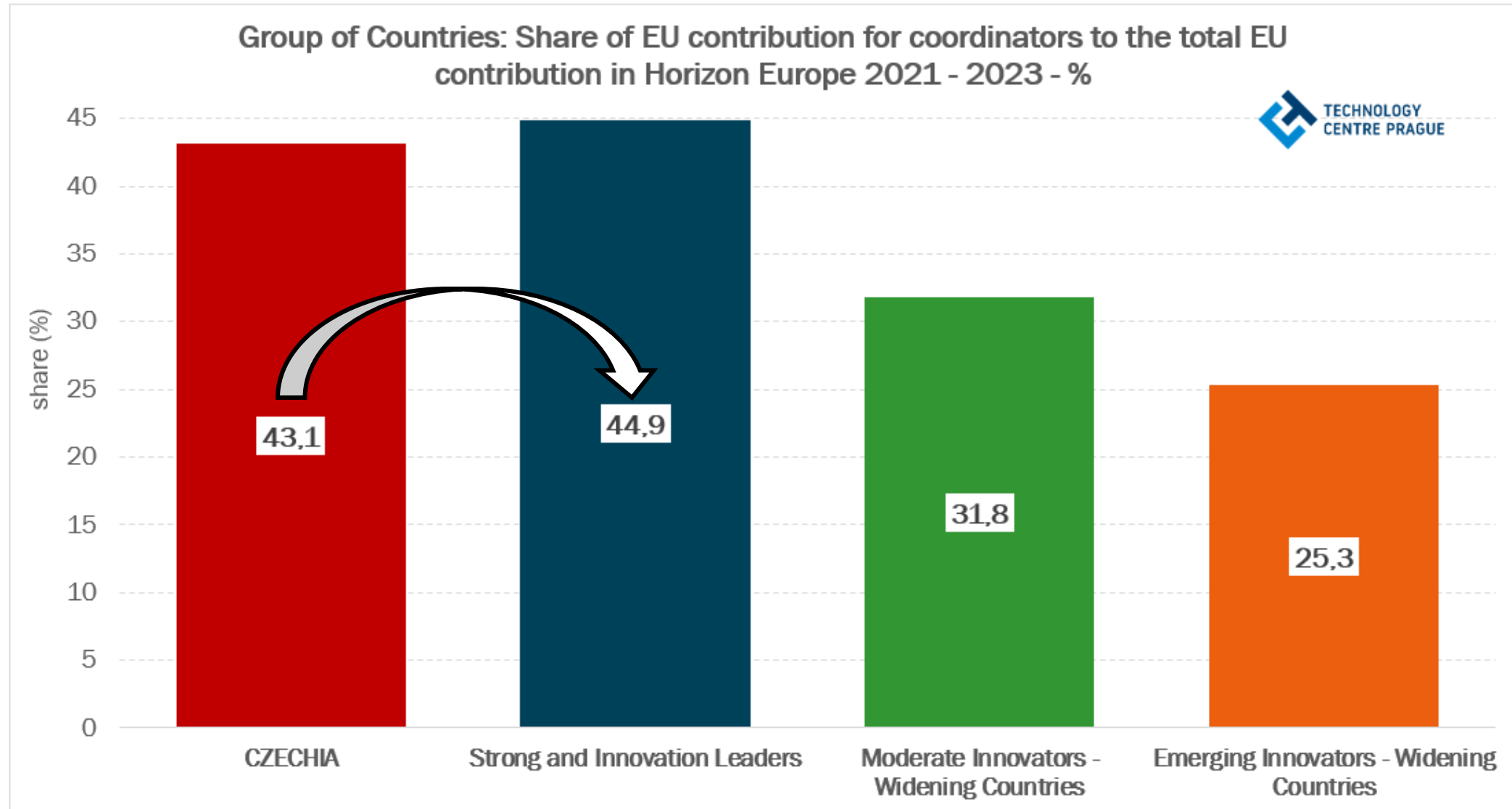
*widening countries in HE
 HE**: 2021 - 10/2023

Source: EC - HE eCORDA 10/2023, H2020 eCORDA 12/2023, FP7 eCORDA 10/2017
 EIS 2013, 2020, 2023 own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024

*widening countries in HE
 HE**: 2021 - 10/2023



SHARE OF EU CONTRIBUTION – GROUP OF COUNTRIES



SHARE OF EU CONTRIB. IN SPECIFIC PARTS OF HE

WIDENIG COUNTRY (GROUP OF COUNTRIES)	EIS 2023 classification	Share of EU Contribution for Project <u>Coordinators</u> in Specific Parts of Horizon Europe Programme to the total EU Contribution in Horizon Europe Programme - %								Total share of EC contrib. for coordinators in HE (%)	Total share of EC contrib. for partners in HE (%)
		SEWP (4.1)	RIA, IA	ERC	EIC*	CSA	MSCA - PF	MSCA - DN, SE	OTH		
CZ	MI	● 12,0	● 11,4	● 12,0	● 2,1	● 0,5	● 2,0	● 0,3	● 2,8	43,1	56,9
innovation leaders and strong innovators		● 0,0	● 12,7	● 17,9	● 5,2	● 1,1	● 1,7	● 3,9	● 2,4	44,9	55,1

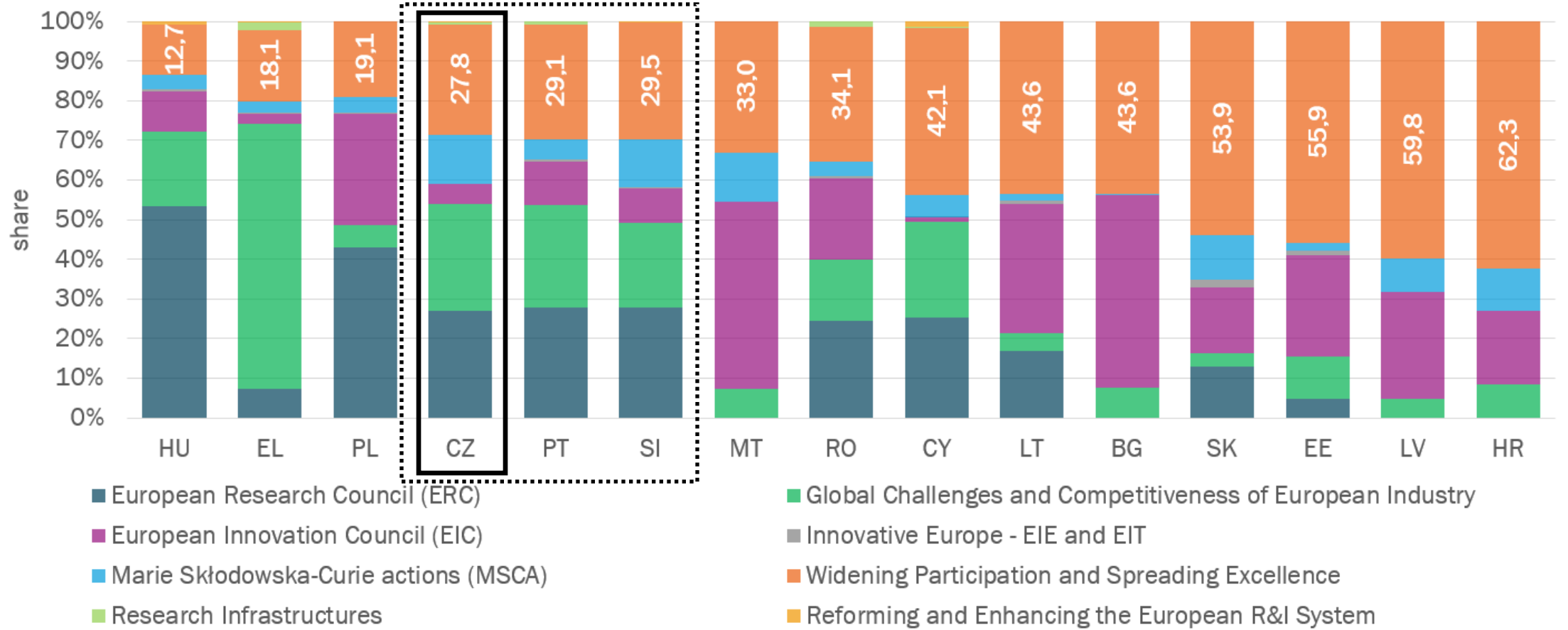
Source: EC - HE eCORDA 10/2023, EI! *limited data availability and quality
own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024

the highest values in the row are marked in green, the lowest in red

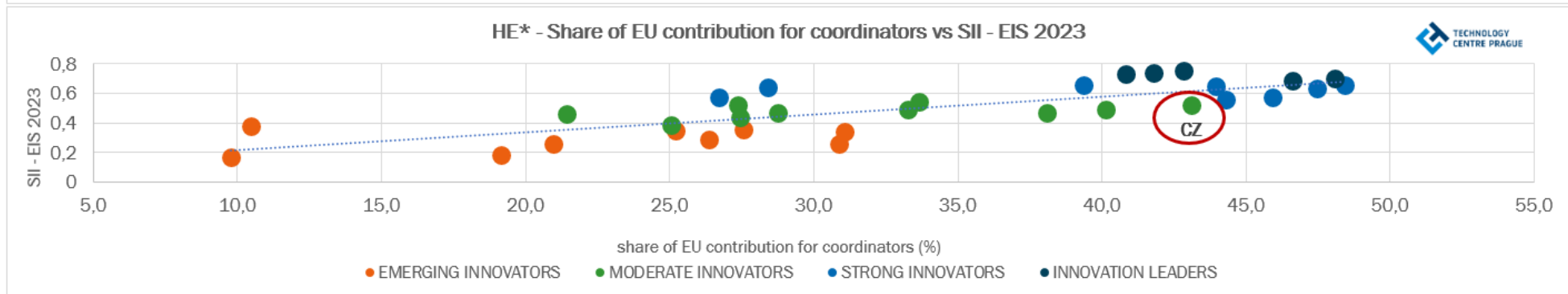
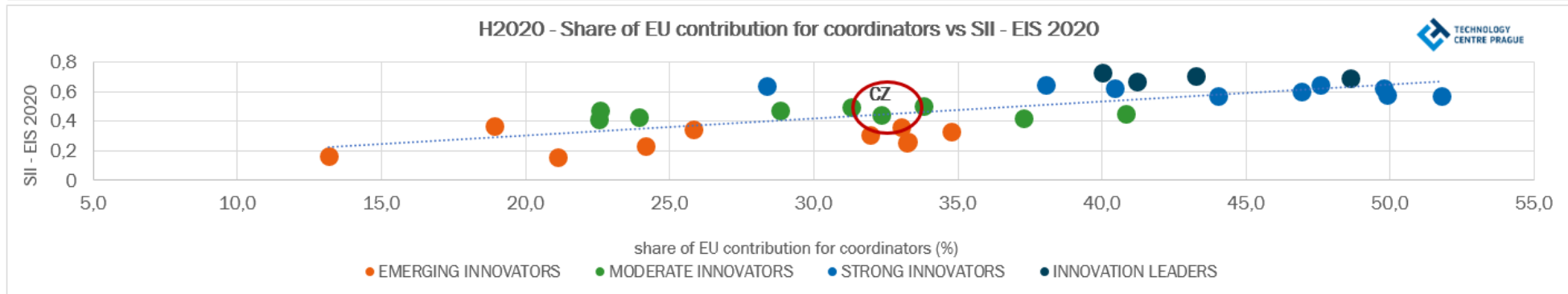
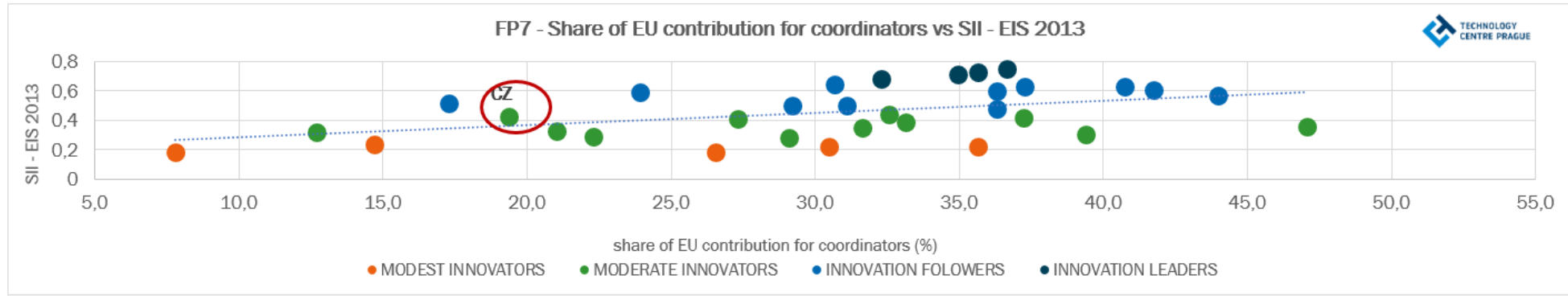


SHARE OF EU CONTRIBUTION IN CLUSTERS AND PRIORITIES OF HE – EU-13, PT, EL

EU-13, PT, EL: Share of EU contribution for coordinators in priorities and clusters of Horizon Europe - 2021 - 2023, EU contribution for coordinators in all parts of HE = 100 %



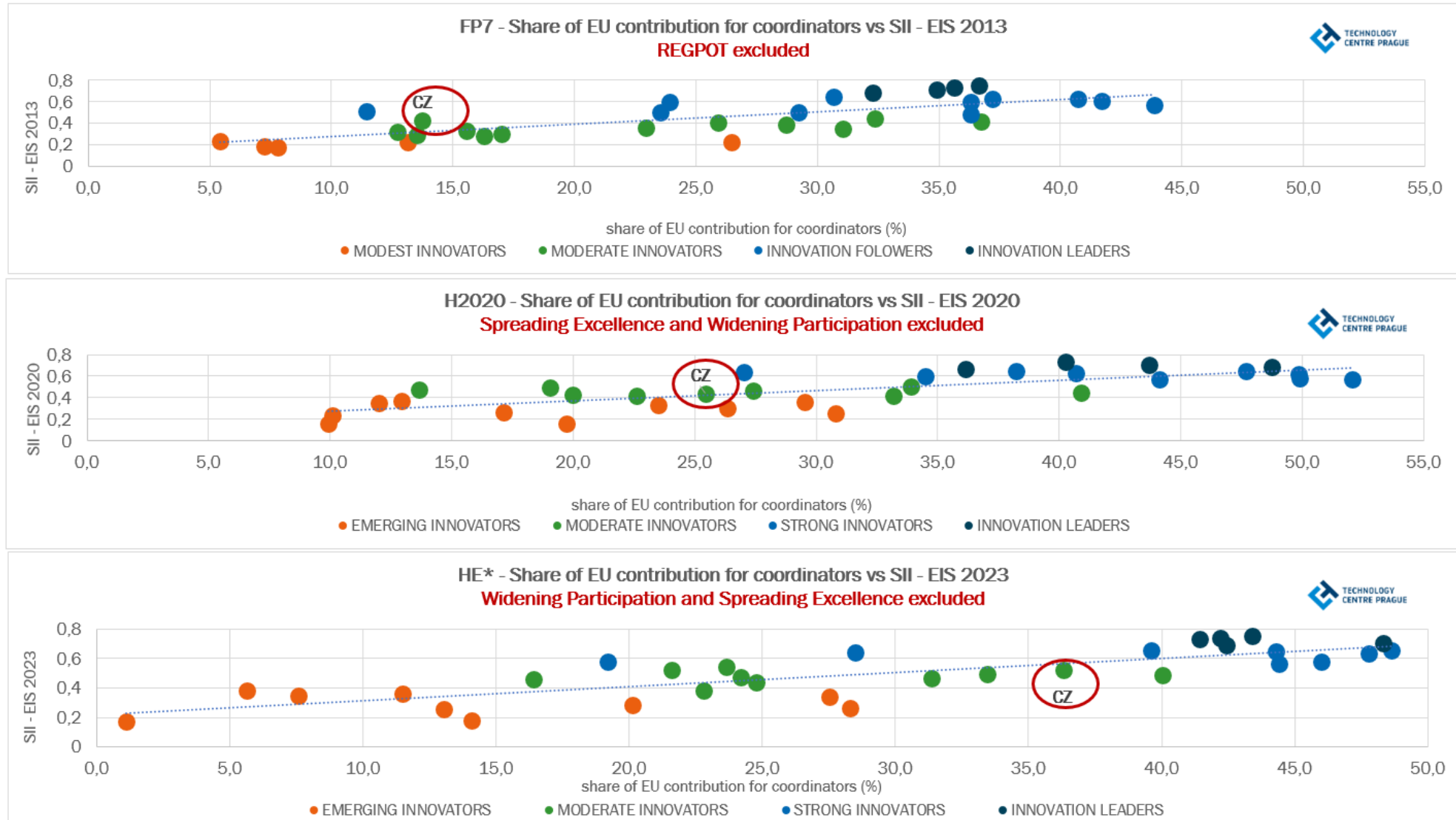
SHARE OF EU CONTRIB. FOR COORDINATORS VS SII



Source: EC - HE eCORDA 10/2023, H2020 eCORDA 12/2023, FP7 eCORDA 10/2017
EIS 2013, 2020, 2023

HE*: 2021 - 10/2023
own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024

SHARE OF EU CONTRIB. FOR COORDINATORS VS SII



Source: EC - HE eCORDA 10/2023, H2020 eCORDA 12/2023, FP7 eCORDA 10/2017
EIS 2013, 2020, 2023

HE*: 2021 - 10/2023
own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024



SHARE OF EU CONTRIBUTION IN TYPES OF ACTIONS

CZECHIA: Share of EU contribution for Czech coordinators in different types of actions - %



Type of Actions	FP7 - %	H2020 - %	HE* - %	Trend
	2007 - 2013	2014 - 2020	2021 - 10/2023	
Coordination and support actions - CSA	38,2	30,6	25,4	
European Research Council grants - ERC	27,0	38,9	27,9	
Collaborative, research, innovation projects - RIA, IA, CP	10,1	12,5	26,4	
Marie Skłodowska-Curie Actions, Individual, Postdoctoral Fellowships - MSCA - IF (PF)	13,4	7,4	8,2	
Marie Skłodowska-Curie Actions - networks, staff exchange	9,3	6,3	7,2	
Projects mainly for SMEs (BGS, SME inst. ,EIC)	2,0	4,3	4,9	
TOTAL	100,0	100,0	100,0	

Source: EC - HE eCORDA 10/2023, H2020 eCORDA 12/2023, FP7 eCORDA 10/2017
own data processing - Daniel Frank, Technology Centre Prague, 10.1.2024

HE*: 2021 - 10/2023



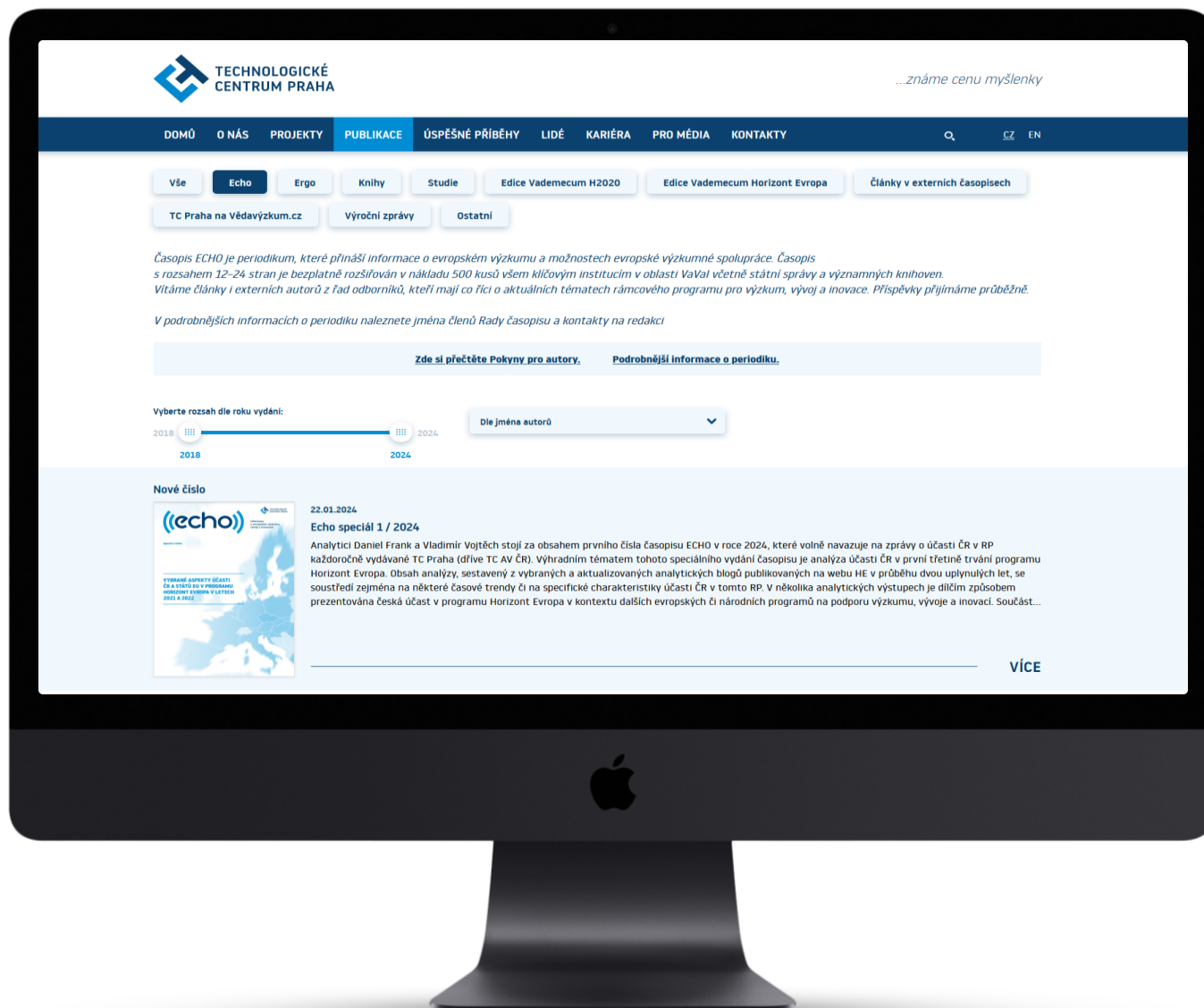
SIGNIFICANCE OF PROJECT COORDINATION FOR THE PARTICIPATION OF THE CR IN THE FPS IS INCREASING

- **Czech coordinators play key role in participation in HE** - share of Czech coordinators in the national financial contribution received from the FPs is increasing. significantly over the time –
- share of financial contribution for Czech coordinators is comparable with innovation leaders and strong innovators. **The Czech Republic differs significantly from the majority „widening“ countries**
- Czech research teams and individual researchers **are more and more often becoming leaders** in HE projects. In particular, the share of financial contribution requested by Czech coordinators for projects with higher research and innovation ambitions (RIA, IA projects) is rising.
- While in FP7 Czech institutions coordinated only 10 collaborative CP projects (predecessor of the RIA/IA project type), in the H2020 programme 21 RIA and IA projects, in the first third the Czech Republic coordinates already 22 RIA/IA projects
- Leadership of projects with Czech coordinators **is not based on coordination of widening projects or individual grants only**

PROJECT COORDINATION POSSIBLE REASONS FOR IMPROVEMENT

- experience gained by project coordinators from previous FPs
- improved connections to national and foreign consulting firms and advisory services
- assistance vouchers for the preparation of project proposals
- consulting services of TC Praha, including the evaluation of project proposals in draft form or pre-screening of project proposals
- National Expert Group workshops for ERC applicants, including a sophisticated „mock interview“ system for the preparation of ERC grants
- UK, CH - impossibility to coordinate FP projects in the period 2021 - 2023
- successive elimination of myths about the inaccessibility and difficulty of FP projects

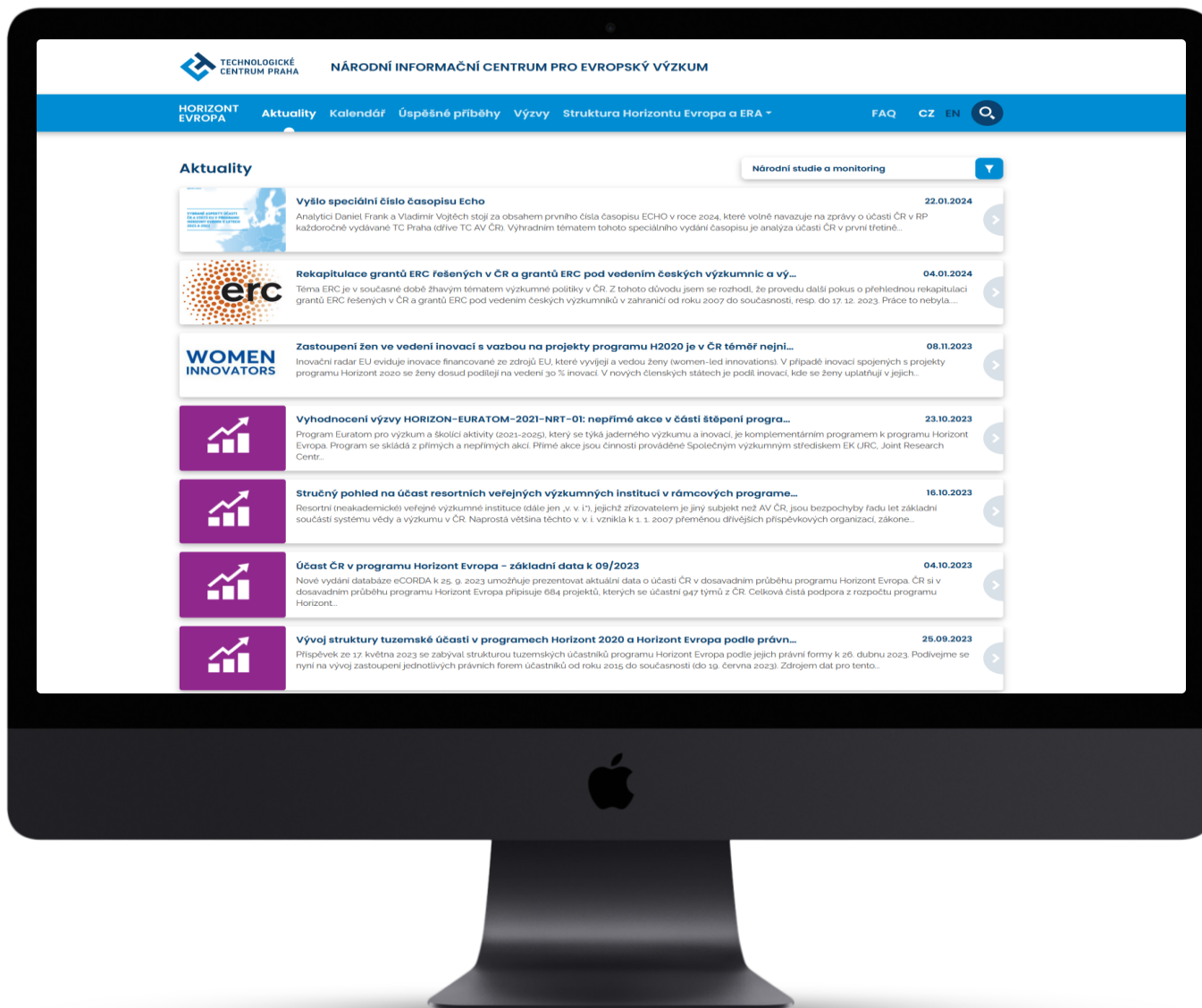




JOURNAL ECHO

Special issue 1/2024 – Selected aspects of the participation of the CR and EU countries in the HE programme in the years 2021 and 2022: **MAIN FINDINGS – in English**





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THANK YOU FOR YOUR ATTENTION

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