

# Participation of Czech teams in H2020 – SC2, SC5 and strategies how to increase success rate, basic analysis of publications

National Information Day  
Horizon 2020, opportunities in:

Food security, sustainable agriculture, marine research and the bioeconomy  
and  
Climate action, environment, resource efficiency and raw Materials

Prague, CULS 10/09/2019

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(analysis of publication)

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- ❖ FPs EC data sources information
- ❖ A brief look at the analysis of publications in SC2 and SC5
- ❖ **My views on success rate and activity of Czech applicants in SC2 and SC5**
- ❖ Conclusions
- ❖ Short description on Czech participation in SC2 and SC5



## H2020 – EC data sources

Horizon 2020 Framework Programme offers an important and valuable source of data and information. For **analysis** and **reporting** purposes, various tools were made available to the general public, and more specifically to eCORDA users:

### GENERAL PUBLIC

**Horizon 2020 Dashboard** offers a set of visualisations on proposals and funded research projects and a dedicated section on both Horizon 2020 and FP7 project results. The visualisations are enriched with charts, maps and interactive filters:  
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-dashboard>

**CORDIS** contains project information and work report summaries through which the general public can search using adapted filters: <https://cordis.europa.eu>

**EU Open Data Portal** gives the possibility to download details for the EU research projects under different framework programmes: <https://data.europa.eu>

**e-CORDA USERS** (Members of the strategic configuration of the H2020 Programme Committee, nationally nominated users)

The **MS Access databases (e-CORDA)** provide the raw data behind the applications above. Data is contained in tables and it is split between proposals and grants

**e-CORDA platform** contains a set of predefined reports starting from FP6 projects up to Horizon 2020

## Analysis of publications from e-CORDA data

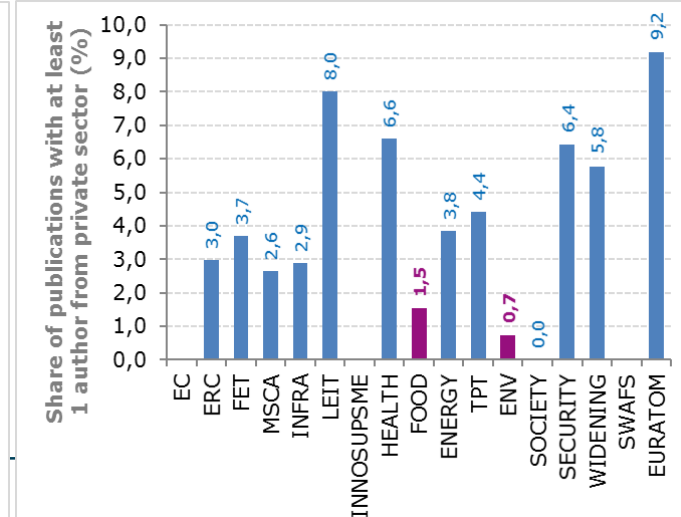
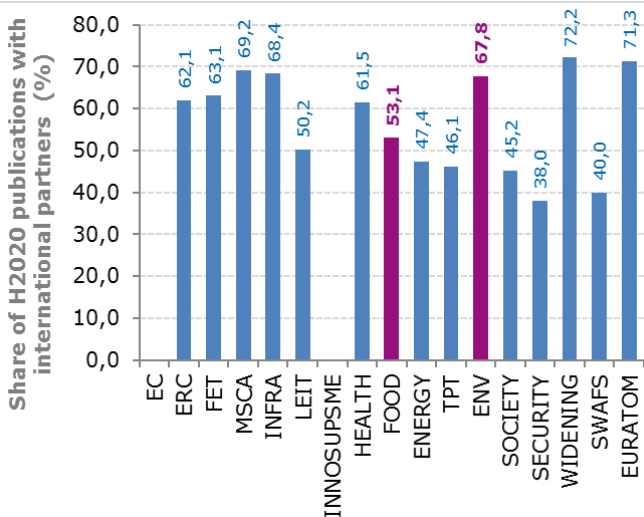
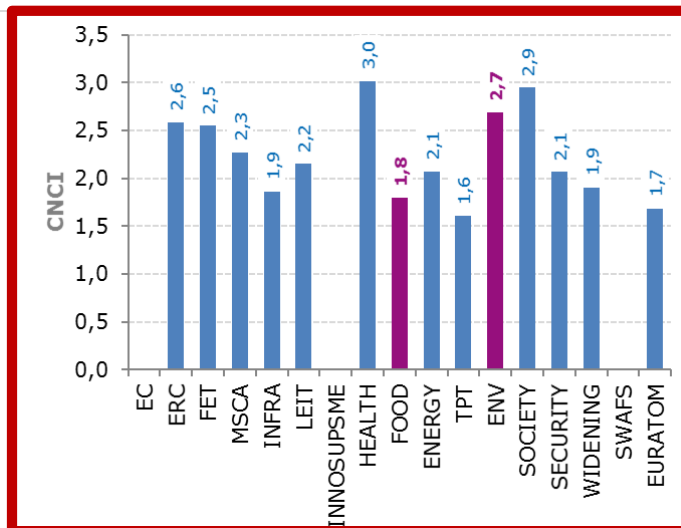
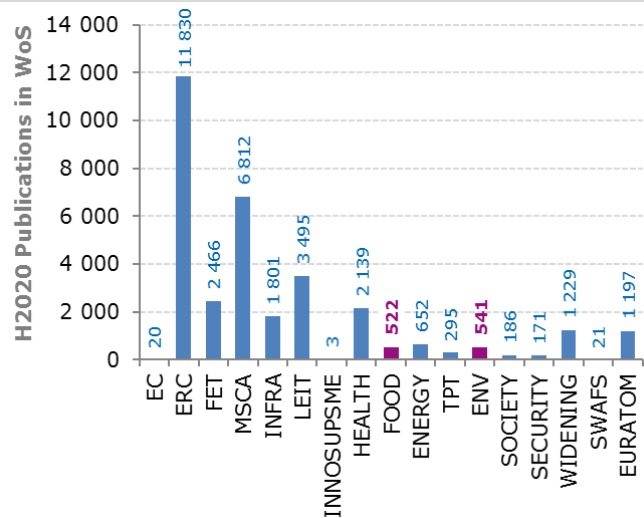
- ❑ Since 2019, the e-CORDA database **has been extended** to include data relating to the publication outputs achieved in the implementation of individual projects of the H2020 programme
- ❑ A total of **70 thousand** records of publications (2014 – 2018) were published in the e-CORDA database on June 2019
- ❑ Only less than 50 % of the publication outputs registered in the e-CORDA database were founded and identified in the WoS database
- ❑ The e-CORDA database distinguishes seven different types of publication outputs: *Peer Reviewed Articles, Articles, Conference Proceedings, Book Chapters, Thesis Dissertations, Monographic Books, Other outputs*
- ❑ Peer Reviewed Articles accounted for more than half of all publications (55%). Articles in Conference Proceedings represented almost one third of all publications (31 %)

# Characteristics of publication outputs generated during the solution of H2020 projects in various areas of the H2020 programme: 2014 – 2018

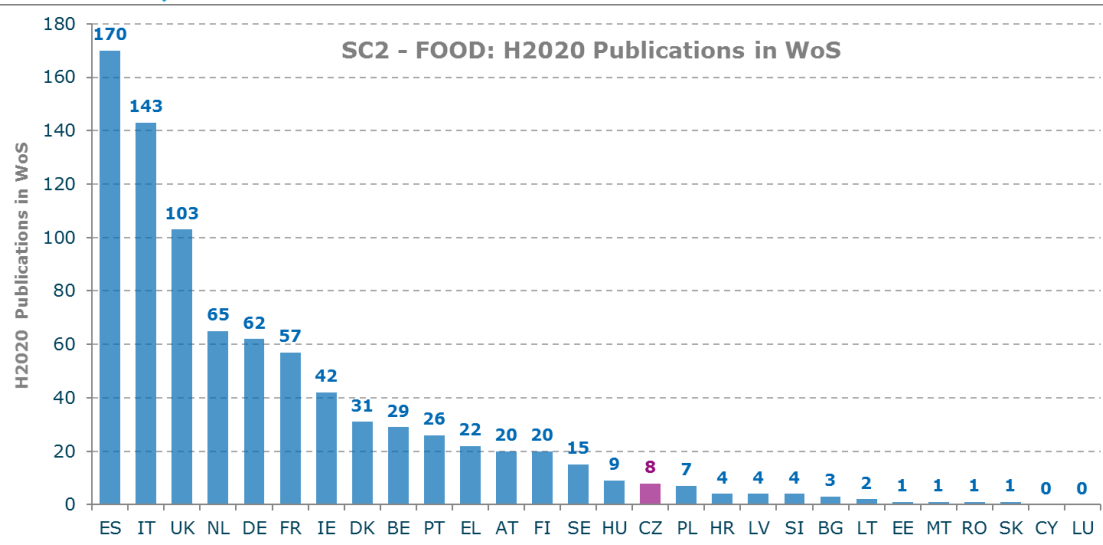
The citation index of publications resulting from H2020 projects is high. CNCI reaches a value of about **2,4** on average. This means that these H2020 publications are on average more than 2 times more cited than publications published in the same years and in the same branches of science.

The publications resulting from the H2020 projects were produced very often through international teams.

The share of international publications is highest for the WIDENING, EURATOM and INFRA projects, where it reaches about 70%. For ENV, FET, ERC and HEALTH priorities, the share of publications produced by authors with more countries is more than 60%.

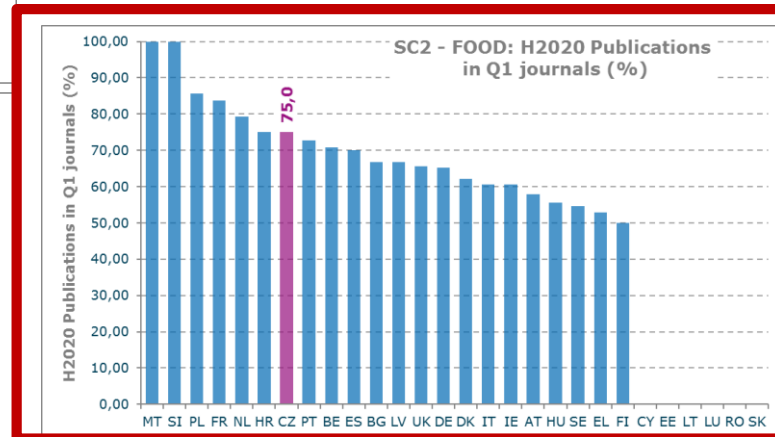
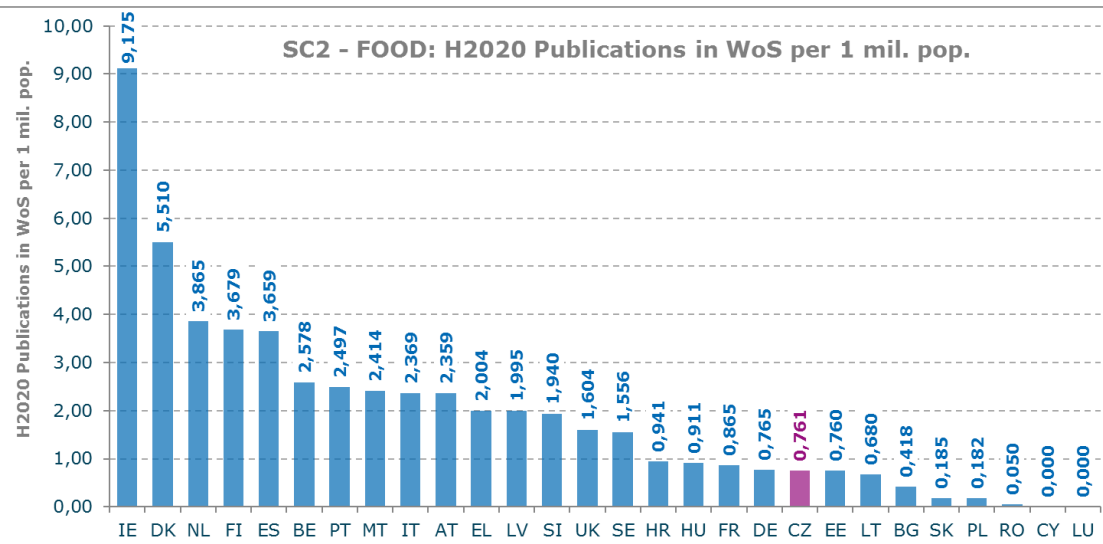


# Comparison of publication outputs of EU-28 countries generated in the H2020 projects between 2014 and 2018 in SC2 - FOOD, share of H2020 publications published in journals belonging to the highest quartile (Q1)



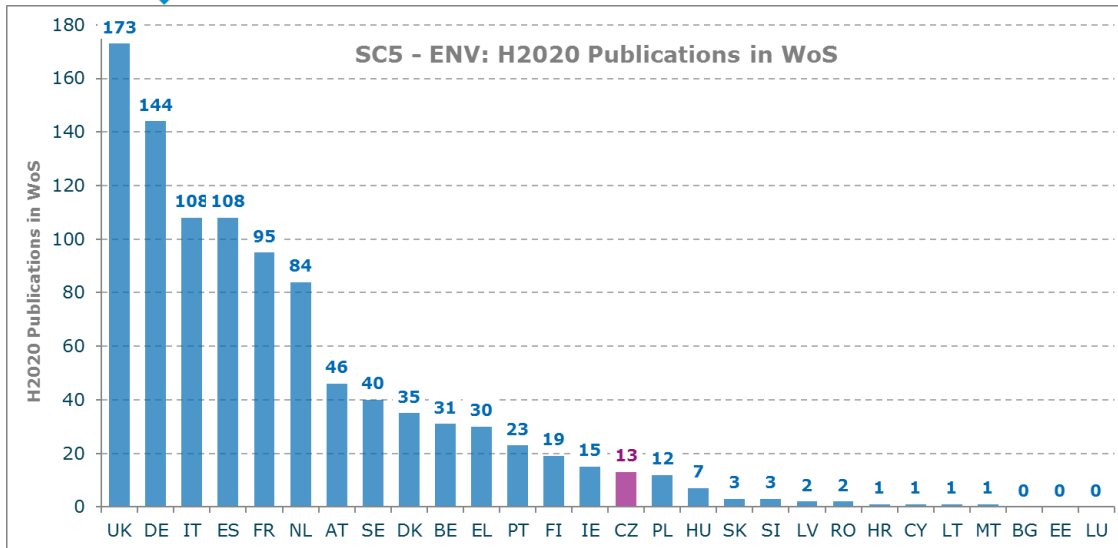
authors from large countries have created the most publications resulting from H2020 projects in SC2 - FOOD

small countries with advanced agriculture systems are in the leading positions of the countries after recalculation of the number of publications per million population



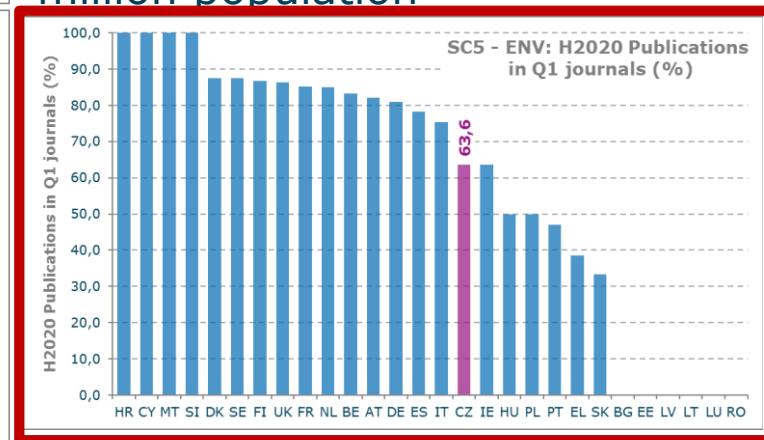
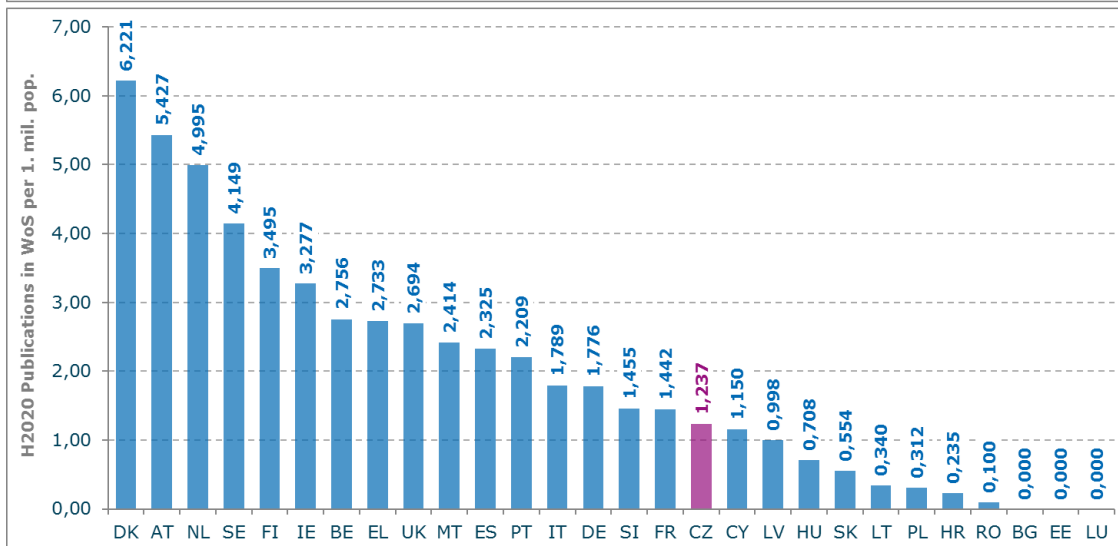
Most H2020 publications are presented in excellent scientific journals belonging to the highest quartile (Q1).

# Comparison of publication outputs of EU-28 countries generated in the H2020 projects between 2014 and 2018 in SC5-ENV, share of H2020 publications published in journals belonging to the highest quartile (Q1)



authors from large countries have created the most publications resulting from H2020 projects in SC2 - FOOD

small countries with advanced environmental systems are in the leading positions of the countries after recalculation of the number of publications per million population



Most H2020 publications are presented in excellent scientific journals belonging to the highest quartile (Q1).



## Analysis of publications from e-CORDA data – conclusions and glossary

Participation in H2020 projects is very beneficial for EU countries (and for Czech Republic as well) because it supports international collaboration and increases citation impacts of the resulting publications. **The international collaboration (collaboration with leading foreign authors) and the high citation are crucial to scientific excellence**

CNCI for CR:

SC2 – 1,43

SC5 – 1,47

**CNCI** (category normalized citation impact) – **citation index** is the average number of citations of set of publications normalized by branches of science of publications, by type and by year of publications. The set of all WoS registered publications has  $CNCI = 1$ . CNCI values higher than 1 indicate that the set of publications is cited more than the average of the given branch of science.

**Q1 journals** - the top quarter (highest quartile) of journals with the highest IF (impact factor) in each branch of science

**International publications** - all publications with authors from at least two different countries are considered international

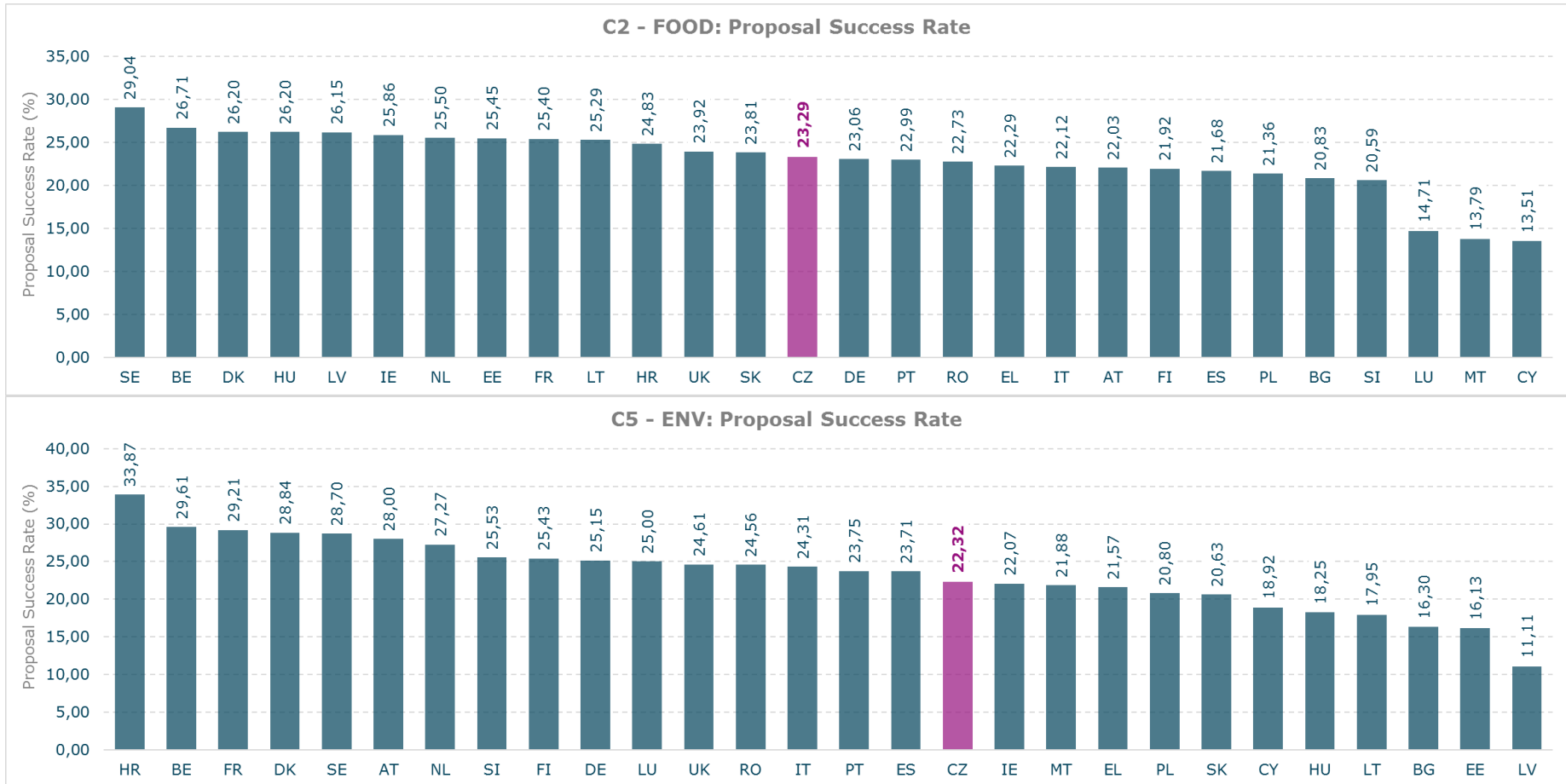
**Publications with industry** - all publications that have at least one of the authors affiliated to a private profit company



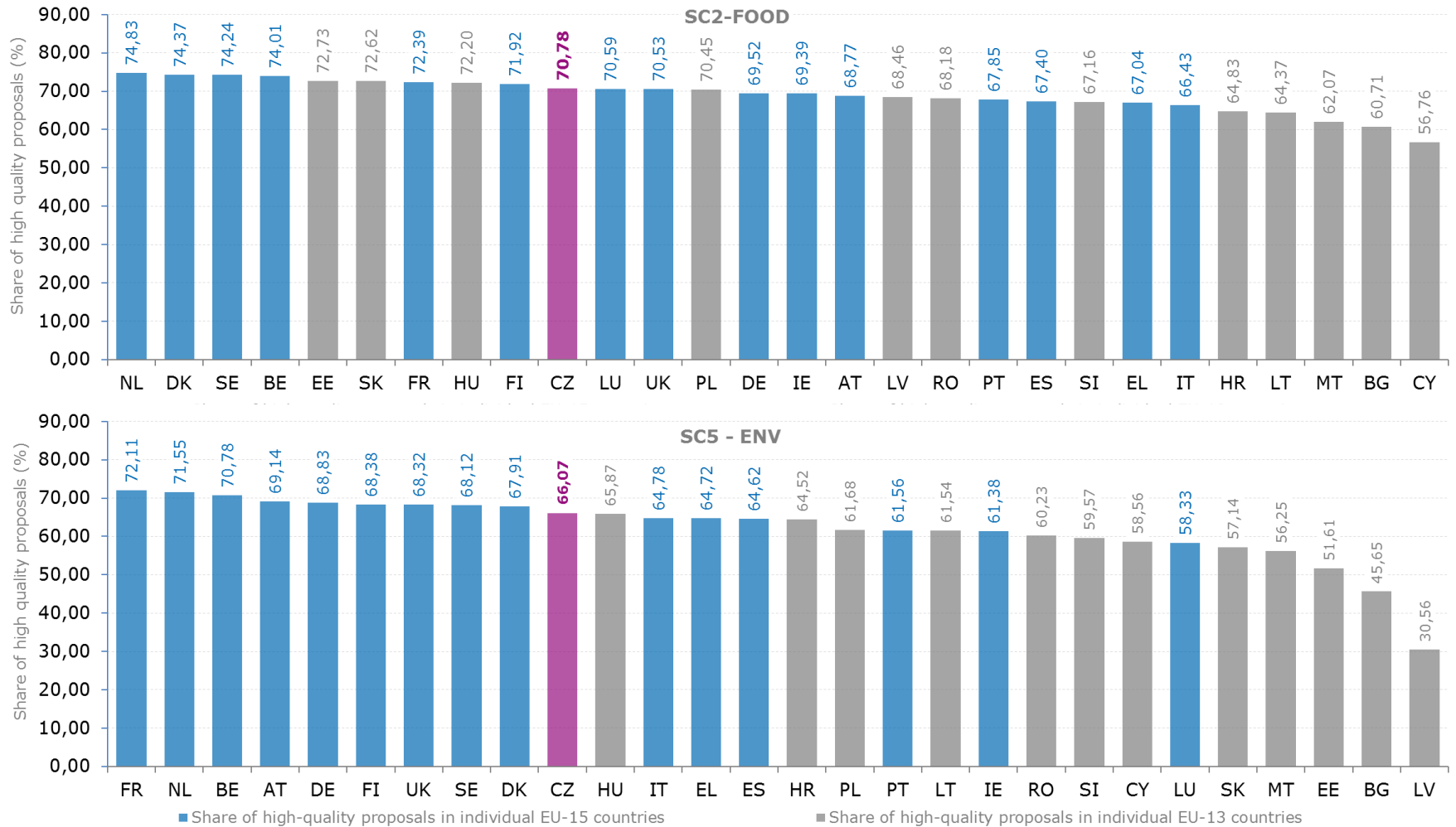
## Some (not all) of the factors affecting participation and success rate in FPs

- ❑ **quality of projects proposals** (share of HQP, evaluation score....)
- ❑ **structure (quality) of research consortia** (collaboration with TOP institutions)
- ❑ **activity and success rate of coordinators**

# Proposal Success Rate in SC2 - FOOD and SC5 - ENV per Member State



# Share of HQP: SC2 - FOOD and SC5 - ENV per Member State



# TOP 15 INSTITUTIONS: C2 – FOOD and C5 – ENV (combination of number of participations and EC contribution)

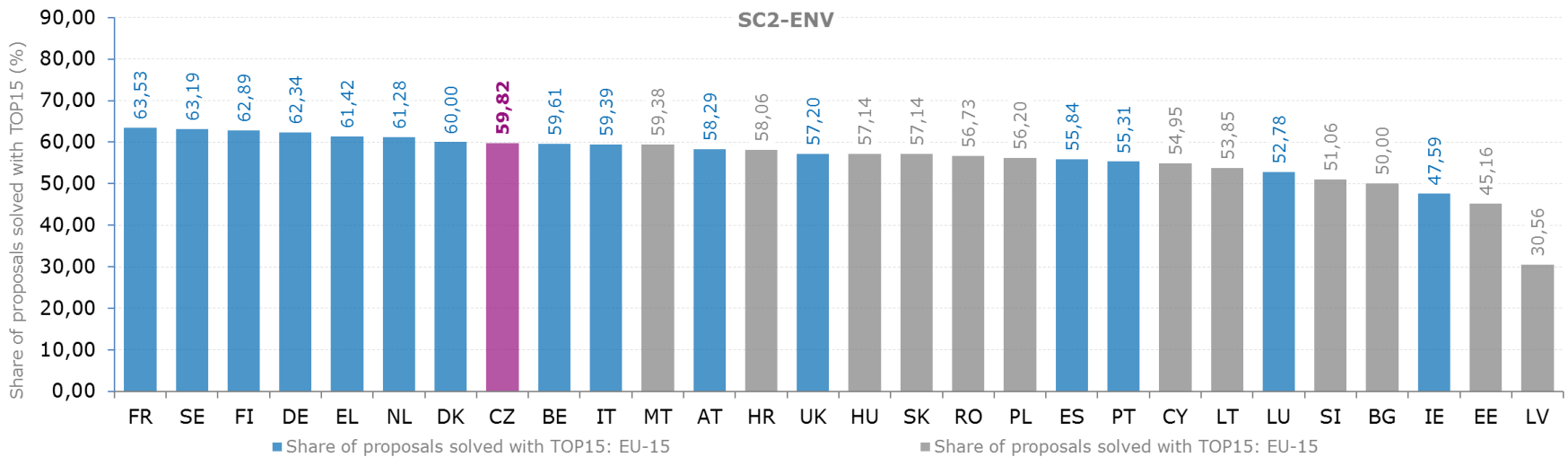
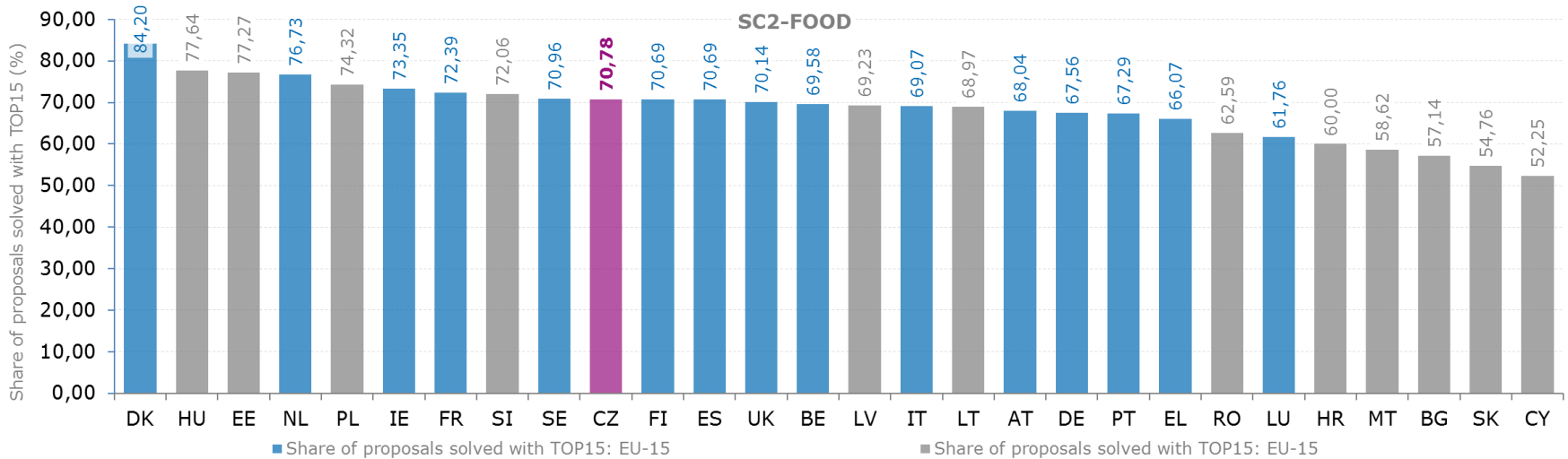
## TOP 15: C2- FOOD

STICHTING WAGENINGEN RESEARCH	NL	REC
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	FR	REC
WAGENINGEN UNIVERSITY	NL	HES
AGENCIA ESTATAL CONSEJO SUPERIOR DEINVESTIGACIONES CIENTIFICAS	ES	REC
CONSIGLIO NAZIONALE DELLE RICERCHE	IT	REC
ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA	IT	HES
LUONNONVARAKESKUS	FI	REC
KOBENHAVNS UNIVERSITET	DK	HES
AARHUS UNIVERSITET	DK	HES
TEAGASC - AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY	IE	REC
SVERIGES LANTBRUKSUNIVERSITET	SE	HES
UNIVERSITEIT GENT	BE	HES
DANMARKS TEKNISKE UNIVERSITET	DK	HES
CONSIGLIO PER LA RICERCA IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA	IT	REC
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	DE	REC

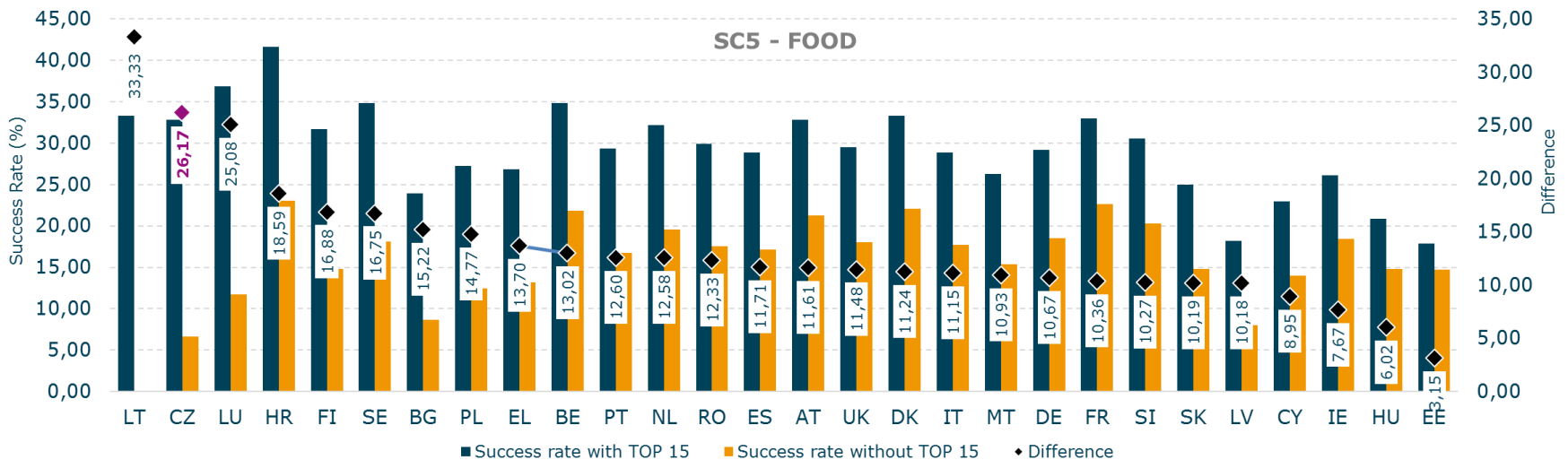
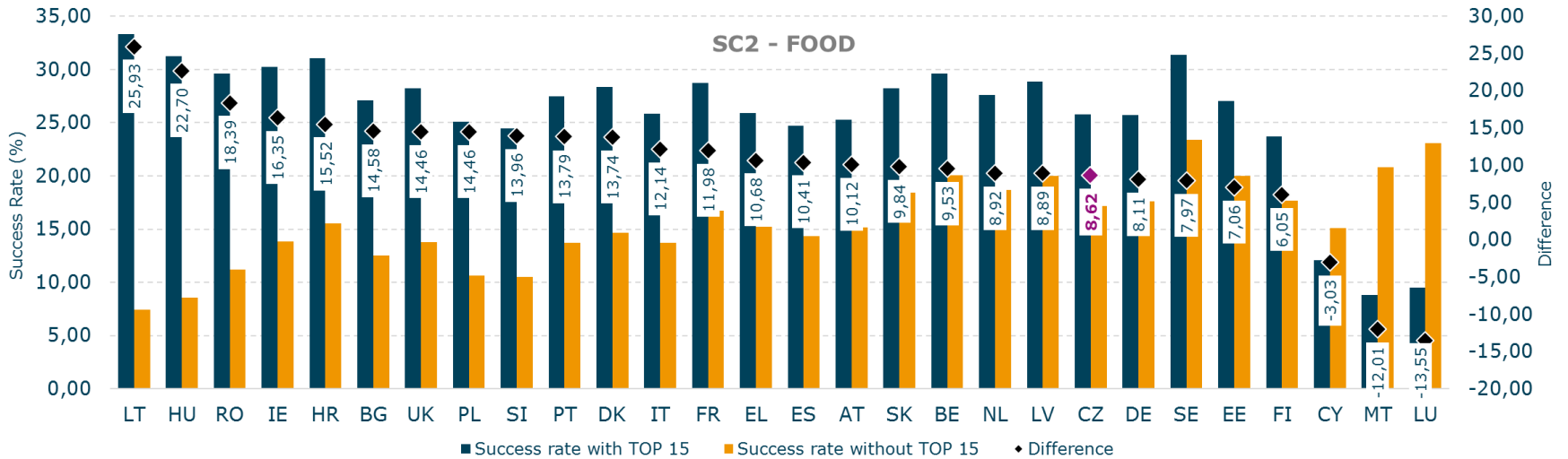
## TOP 15: C5 - ENV

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	REC
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	DE	REC
CONSIGLIO NAZIONALE DELLE RICERCHE	IT	REC
FUNDACION TECNALIA RESEARCH & INNOVATION	ES	REC
UNITED KINGDOM RESEARCH AND INNOVATION	UK	PUB
TECHNISCHE UNIVERSITEIT DELFT	NL	HES
THE UNIVERSITY OF EXETER	UK	HES
NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	EL	HES
FONDAZIONE CENTRO EURO-MEDITERRANEOSUI CAMBIAMENTI CLIMATICI	IT	REC
BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES	FR	REC
VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.	BE	REC
DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	DE	REC
Teknologian tutkimuskeskus VTT Oy	FI	REC
POTSDAM INSTITUT FUER KLIMAFOLGENFORSCHUNG	DE	REC
ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH)*	DE	OTH

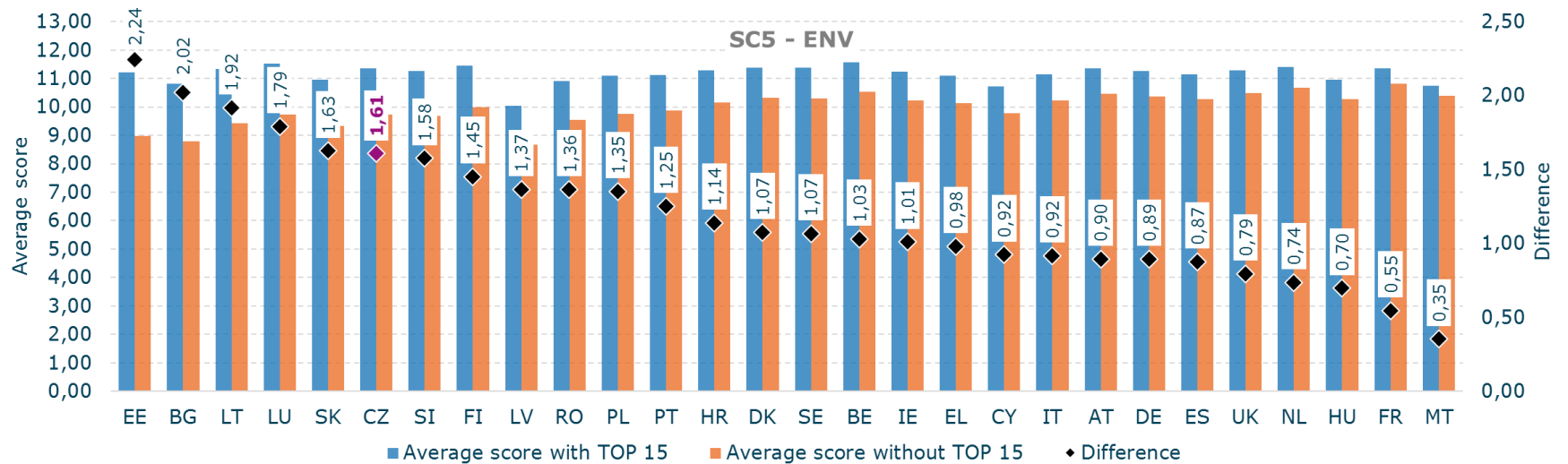
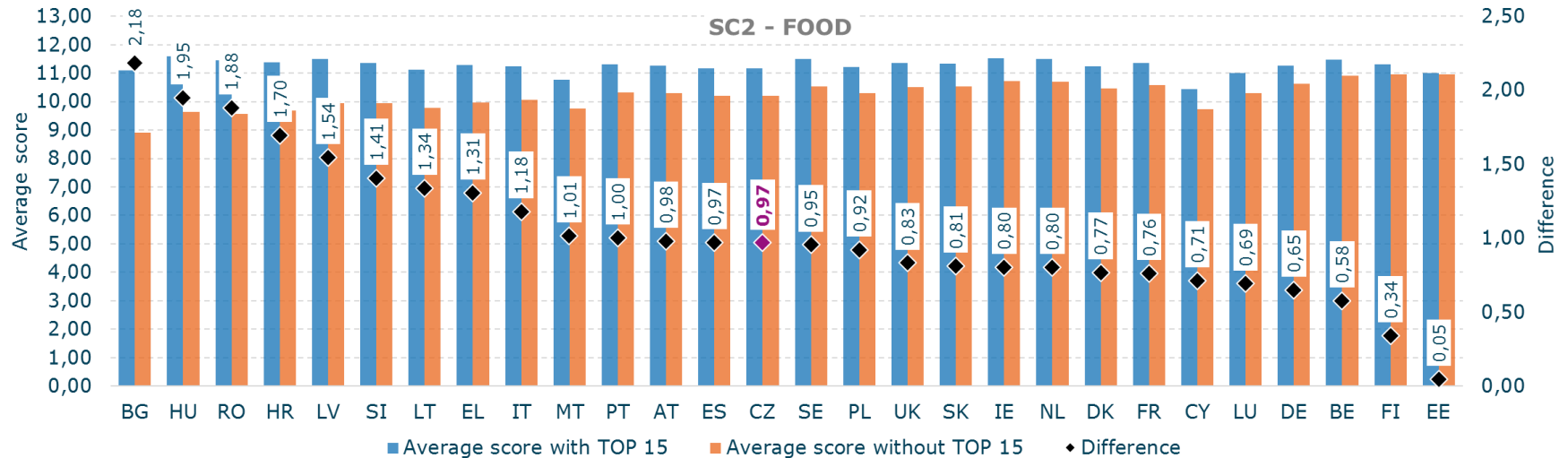
# Share of proposals solved with TOP institutions: SC2 - FOOD and SC5 - ENV per Member State



# Success rate achieved in the preparation of proposals in cooperation with TOP institutions and without TOP institutions in EU Member States: SC2 – FOOD and SC5 - ENV

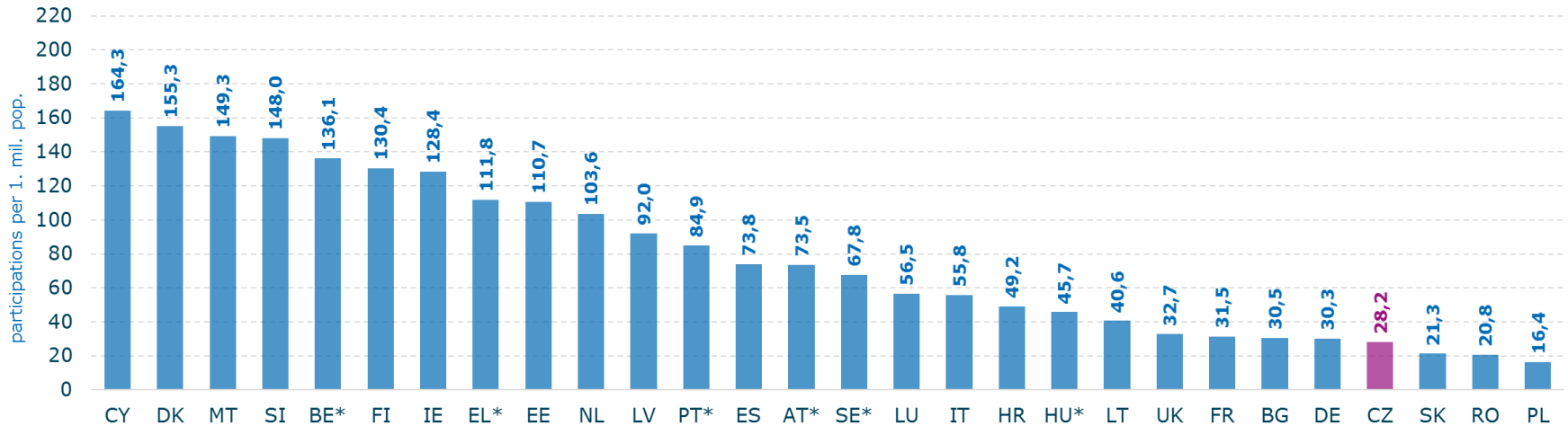


# Average score achieved in the preparation of proposals in cooperation with TOP institutions and without TOP institutions in EU Member States: SC2 – FOOD and SC5 - ENV

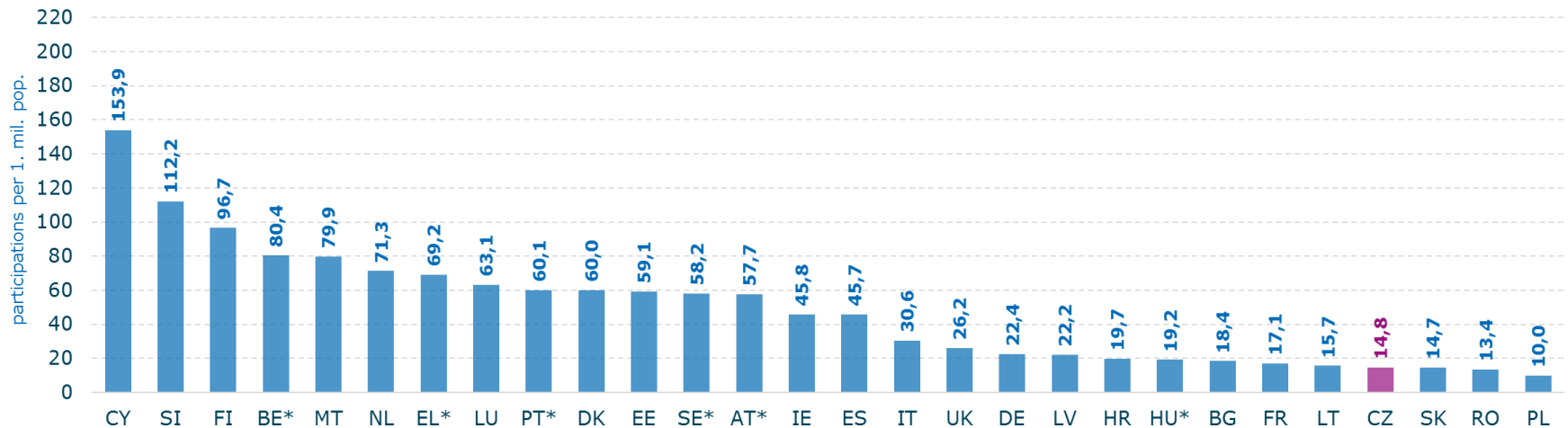


# Number of participations in full eligible proposals to **SC2 – FOOD** and **SC5 – ENV** per Member State and 1 mil. population

CS2 - FOOD: Participations per 1 mil. pop.

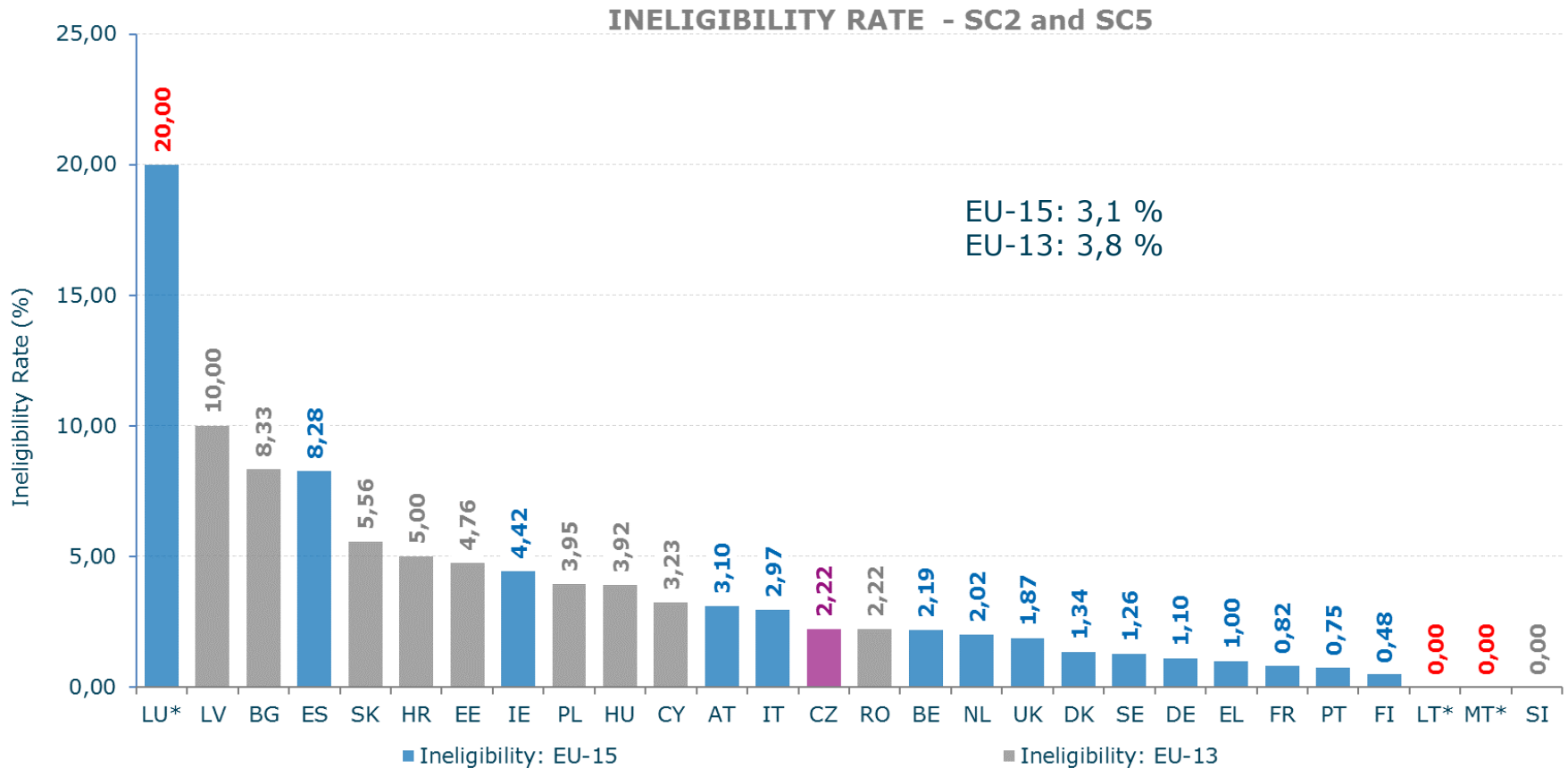


SC2-ENV: Participations per 1 mil. pop.



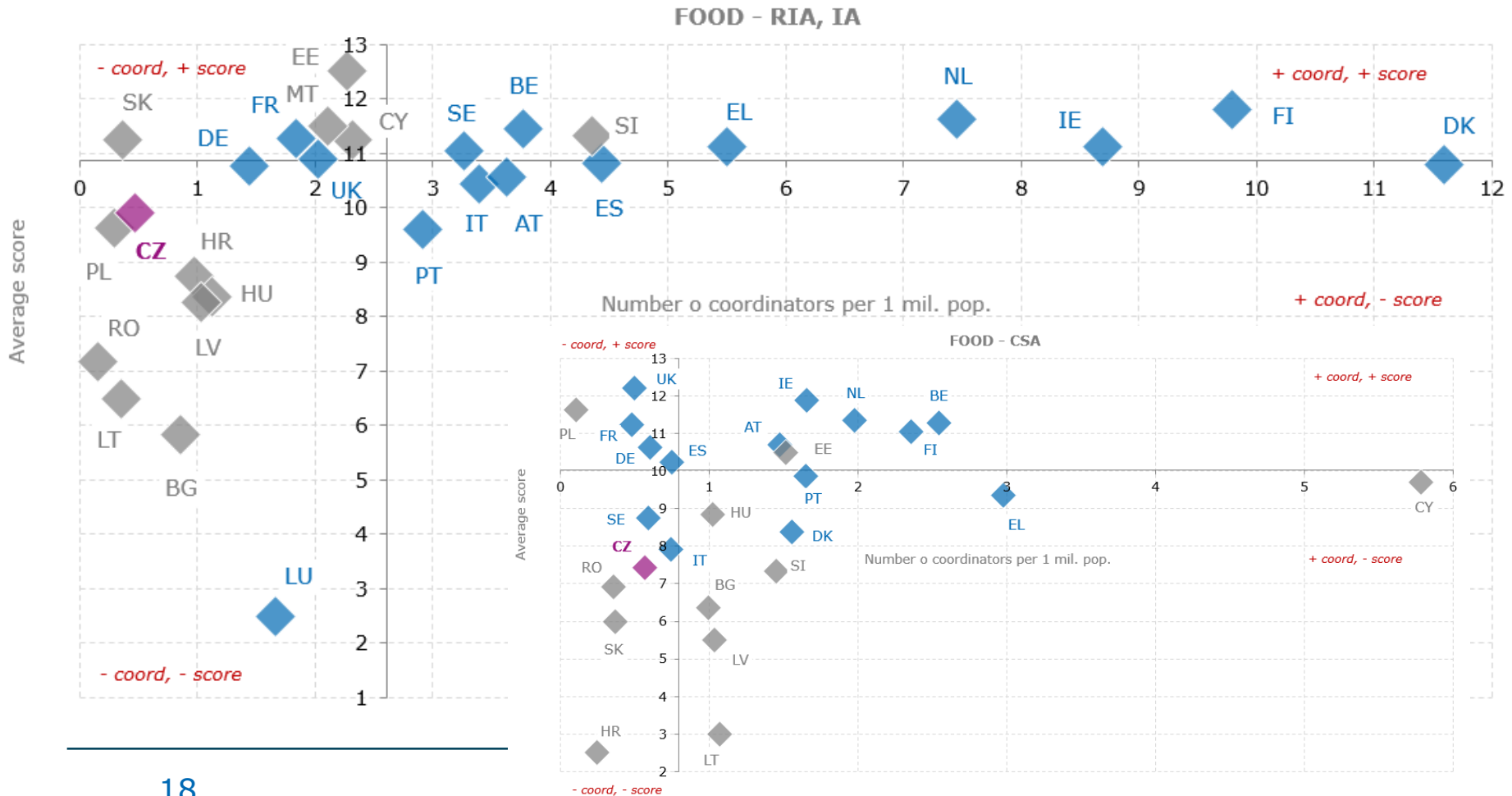


# INELIGIBILITY RATE OF PROPOSALS (RIA, IA, CSA) SUBMITTED BY COORDINATORS FROM EU MEMBER COUNTRIES IN SC2 AND SC5

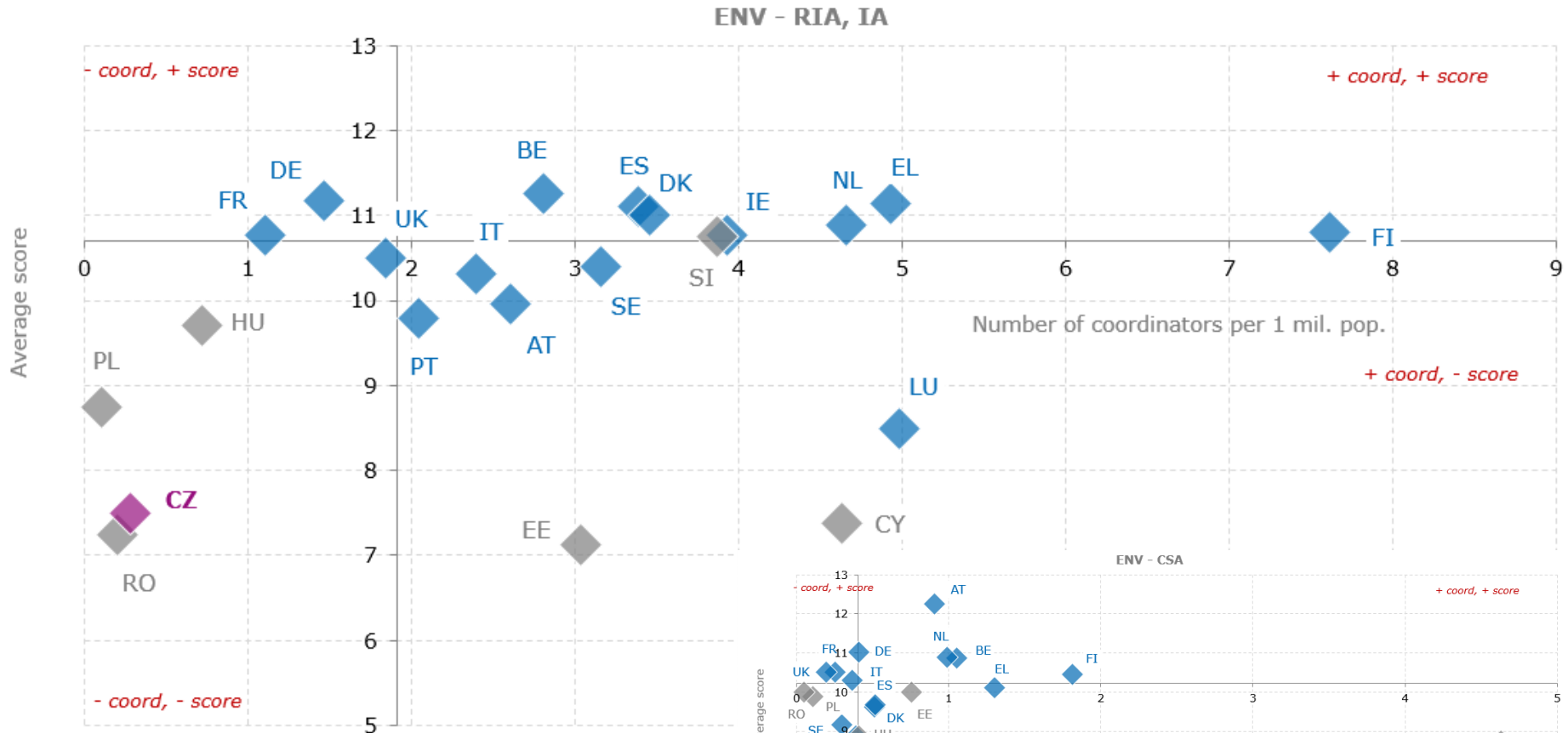


ratio between the total number of proposals submitted by coordinators from EU-28 and the number that did not enter into the evaluation process due to serious formal errors

# Relation between average evaluation score of full eligible proposals submitted by coordinators from EU countries and number of coordinators per 1 mil. pop. in SC2 - FOOD

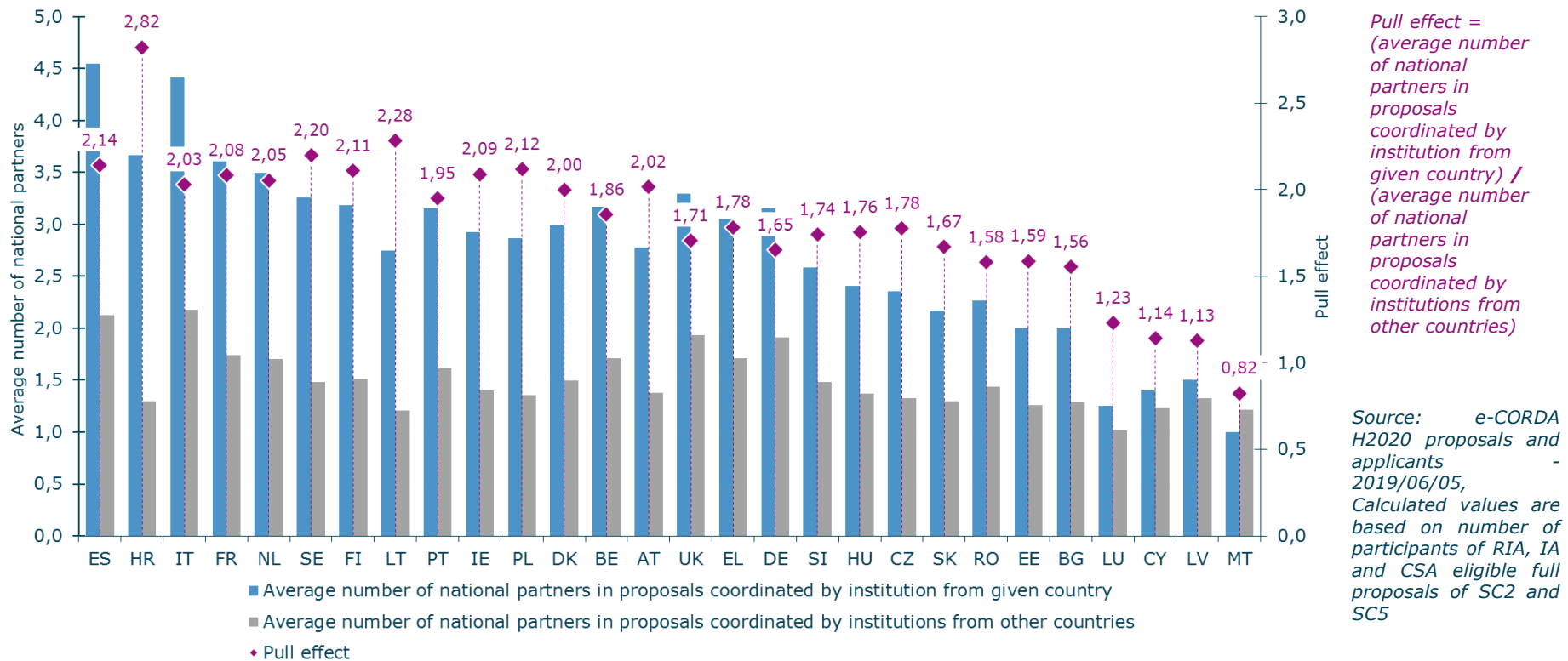


# Relation between average evaluation score of full eligible proposals submitted by coordinators from EU countries and number of coordinators per 1 mil. pop. in SC5 - ENV



# The particular importance of the coordination role – „Pull Effect“ in SC2 and SC5 proposals

On average, an additional **1.5** participants from the country of the project coordinator are involved in a project proposal. The potential reasons for this “pull effect” are diverse. **The links among institutions within a country are presumably stronger than links to foreign institutions.** "Pull effect" can have a positive impact on the involvement of research teams without experience with FPs.



## Conclusions - positive aspects

The success rate of project proposals with the participation of Czech research teams **is not strictly low** compared to other countries. The success of project proposals, which Czech teams participated in, is average from the overall perspective. The success rate of project proposals is slightly above average compared to NMS

Czech research teams are largely involved in the preparation of project proposals identified as **high-quality proposals** after the evaluation process

Czech research teams very often cooperate with top European teams on project preparation. **Collaboration with TOP institutions significantly increases the chance for funding the project proposal**

## Conclusions - less optimistic aspects

The activity of the research teams (applicants) is very low respectively one of the lowest among EU countries. There are many reasons and they are complex (***lower motivation of Czech researchers to participate in FPs, limited in-house internal skills on drafting proposals or project management, easier access to national resources for funding R&D projects, big competition, inability to get co-funding for FP7/H2020 projects, personal costs - remuneration gap between the Member States, long time from submitting proposal to contract.....***)

The small number of EU-13 coordinators indicates **relatively small ambitions of research teams from EU-13 to actively influence the development of H2020 projects**. EU-13 teams prefer to apply their professional skills in projects, which means that they contribute to project investigations more often as authors of partial scientific ideas and implementation methodologies instead of managing large consortia to achieve the objectives formulated in work programmes of the individual calls for project proposals. Unfortunately, this trend has continued since FP6.

Poor performance by a coordinator always harms the entire consortium. **The quality gap of coordinators aggravates low EU-13 participation in the FPs**. Success rate of coordinators is quite crucial: any coordinator's failure means rejection of the whole project proposal thus a rejection of the team of participants who prepared the proposal

# Discussion on the participation of Czech scientists in international top research

Opinions and views of top Czech scientists (ERC holders) on participation in international research

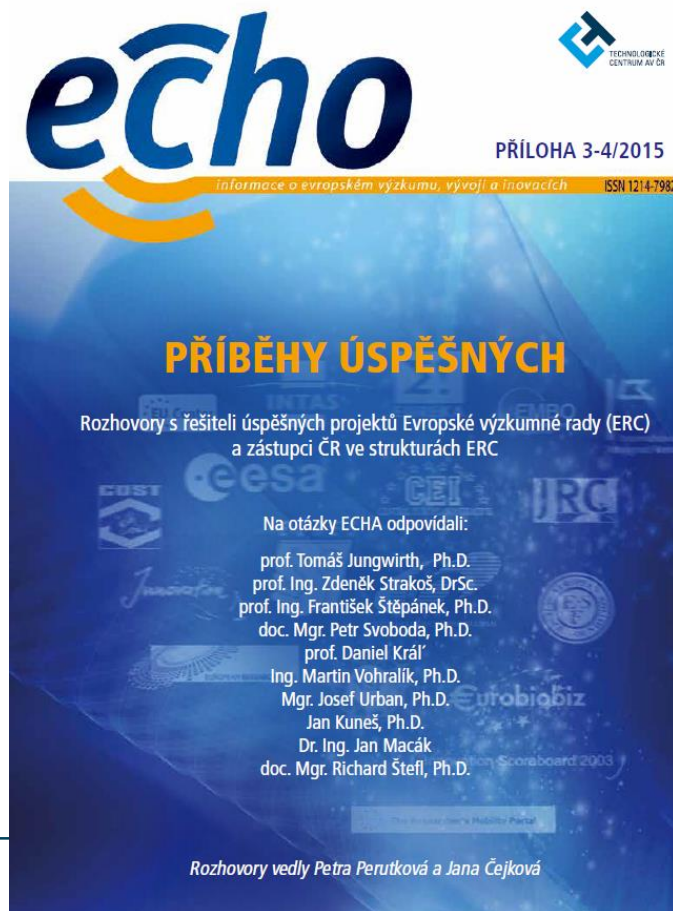
**Musíte být blázen**  
Proč se čeští vědci nechtějí zapojovat  
do špičkového evropského výzkumu

MARTIN UHLÍŘ / FOTO MILAN JAROŠ

RESPEKT SPECIÁL

## Co Čechům dala a vzala Evropa

Ročník V, č. 1/2019, vychází 27. 3. 2019



**eCHO**  
informace o evropském výzkumu, vývoji a inovacích ISSN 1214-7982

PŘÍLOHA 3-4/2015

### PŘÍBĚHY ÚSPĚŠNÝCH

Rozhovory s řešiteli úspěšných projektů Evropské výzkumné rady (ERC) a zástupci ČR ve strukturách ERC

Na otázky ECHA odpovídali:

- prof. Tomáš Jungwirth, Ph.D.
- prof. Ing. Zdeněk Strakoš, DrSc.
- prof. Ing. František Stěpánek, Ph.D.
- doc. Mgr. Petr Svoboda, Ph.D.
- prof. Daniel Král
- Ing. Martin Vohralík, Ph.D.
- Mgr. Josef Urban, Ph.D.
- Jan Kuneš, Ph.D.
- Dr. Ing. Jan Macák
- doc. Mgr. Richard Štefl, Ph.D.

Rozhovory vedly Petra Perutková a Jana Čejková





# Participation of ICA universities in H2020

(The table does not take into account the size and structure of the universities)  
data 06/2019

NAME	COUNTRY	STATUS	FOOD	ENV	OTHER	TOTAL
KATHOLIEKE UNIVERSITEIT LEUVEN	BE	EU-15	15	15	370	400
AARHUS UNIVERSITET	DK	EU-15	33	13	199	245
TECHNISCHE UNIVERSITÄT MÜNCHEN	DE	EU-15	6	5	208	219
UNIVERSITEIT GENT	BE	EU-15	30	6	180	216
HELSINGIN YLIOPISTO	FI	EU-15	7	6	189	202
<b>WAGENINGEN UNIVERSITY</b>	<b>NL</b>	<b>EU-15</b>	<b>55</b>	<b>10</b>	<b>87</b>	<b>152</b>
UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN	IE	EU-15	11	4	131	146
UNIVERZA V LJUBLJANI	SI	EU-13	11	2	86	99
UNIVERSITE DE LIEGE	BE	EU-15	4	2	71	77
<b>UNIVERSITÄT FUER BODENKULTUR WIEN</b>	<b>AT</b>	<b>EU-15</b>	<b>18</b>	<b>12</b>	<b>37</b>	<b>67</b>
THE UNIVERSITY OF READING	UK	EU-15	4	11	46	61
ITA-SUOMEN YLIOPISTO	FI	EU-15		3	52	55
<b>SVERIGES LANTBRUKSUNIVERSITET</b>	<b>SE</b>	<b>EU-15</b>	<b>35</b>	<b>3</b>	<b>16</b>	<b>54</b>
UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA	IT	EU-15	1		45	46
<b>AGRICULTURAL UNIVERSITY OF ATHENS</b>	<b>EL</b>	<b>EU-15</b>	<b>29</b>		<b>14</b>	<b>43</b>
TECHNOLOGIKO PANEPISTIMIO KYPROU	CY	EU-13		1	41	42
UNIVERSITÀ CATTOLICA DEL SACRO CUORE	IT	EU-15	9		30	39
<b>NORGES MILJØ-OG BIOVITENSKAPLIGE UNIVERSITET</b>	<b>NO</b>	<b>AC</b>	<b>7</b>	<b>1</b>	<b>14</b>	<b>22</b>
UNIVERSIDAD DE LLEIDA	ES	EU-15	5		10	15
<b>EESTI MAAULIKOOL</b>	<b>EE</b>	<b>EU-13</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>14</b>
<b>SZKOLA GŁÓWNA GOSPODARSTWA WIEJSKIEGO</b>	<b>PL</b>	<b>EU-13</b>	<b>9</b>		<b>3</b>	<b>12</b>
UNIVERSIDAD MIGUEL HERNANDEZ DE EL CHE	ES	EU-15	1		9	10
<b>MENDELOVA UNIVERZITA V BRNE</b>	<b>CZ</b>	<b>EU-13</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>10</b>
<b>SZENT ISTVAN UNIVERSITY</b>	<b>HU</b>	<b>EU-13</b>	<b>6</b>		<b>2</b>	<b>8</b>
BERNER FACHHOCHSCHULE	CH	AC	3	2	3	8
<b>CESKA ZEMEDĚLSKÁ UNIVERZITA V PRAZE</b>	<b>CZ</b>	<b>EU-13</b>	<b>4</b>		<b>4</b>	<b>8</b>
LIBERA UNIVERSITÀ DI BOLZANO	IT	EU-15			7	7
<b>LATVIJAS LAUKSAIMNIECĪBAS UNIVERSITĀTE</b>	<b>LV</b>	<b>EU-13</b>	<b>2</b>		<b>4</b>	<b>6</b>
<b>INSTITUT DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT - AGRO PARIS TECH</b>	<b>FR</b>	<b>EU-15</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>5</b>
<b>UNIVERSITATEA DE ȘTIINȚE AGRONOMICE ȘI MEDICINA VETERINARĂ DIN BUCUREȘTI</b>	<b>RO</b>	<b>EU-13</b>	<b>3</b>		<b>2</b>	<b>5</b>
ANKARA UNIVERSİTESİ	TR	AC			5	5
<b>UNIVERSITATEA DE ȘTIINȚE AGRICOLE ȘI MEDICINA VETERINARĂ CLUJ NAPOCA</b>	<b>RO</b>	<b>EU-13</b>	<b>5</b>			<b>5</b>
NORD UNIVERSITET	NO	AC			4	4
<b>SLOVENSKA POLNOHOSPODARSKA UNIVERZITA V NITRE</b>	<b>SK</b>	<b>EU-13</b>	<b>3</b>		<b>1</b>	<b>4</b>
<b>CENTRE INTERNATIONAL DE HAUTES ETUDES AGRONOMIQUES MEDITERRANEENNES</b>	<b>FR</b>	<b>EU-15</b>	<b>3</b>	<b>1</b>		<b>4</b>
<b>UNIwersytet Przyrodniczy we Wrocławiu</b>	<b>PL</b>	<b>EU-13</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
UNIVERSIDADE DE TRAS-OS-MONTES E ALTO DOURO	PT	EU-15	3		1	4
<b>UNIVERSITATEA DE ȘTIINȚE AGRICOLE ȘI MEDICINA VETERINARĂ A BANATULUI REGELE MIHAI I AL ROMÂNIEI DIN TIMIȘOARA</b>	<b>RO</b>	<b>EU-13</b>	<b>2</b>		<b>2</b>	<b>4</b>
<b>INSTITUT SUPERIEUR DES SCIENCES AGRONOMIQUES, AGROALIMENTAIRES, HORTICOLES ET DU PAYSAGE</b>	<b>FR</b>	<b>EU-15</b>	<b>2</b>	<b>1</b>		<b>3</b>
<b>ECOLE NATIONALE VÉTÉRINAIRE, AGROALIMENTAIRE ET DE L'ALIMENTATION NANTES ATLANTIQUE</b>	<b>FR</b>	<b>EU-15</b>	<b>1</b>		<b>2</b>	<b>3</b>
<b>SVEUČILISTE U ZAGREBU AGRONOMSKI FAKULTET</b>	<b>HR</b>	<b>EU-13</b>	<b>2</b>		<b>1</b>	<b>3</b>
<b>INSTITUT NATIONAL D'ÉTUDES SUPÉRIEURES AGRONOMIQUES DE MONTPELLIER</b>	<b>FR</b>	<b>EU-15</b>			<b>2</b>	<b>2</b>
<b>LANDBUNADARHASKOLI ÍSLANDS</b>	<b>IS</b>	<b>AC</b>			<b>2</b>	<b>2</b>
<b>INSTITUT POLYTECHNIQUE UNILASALLE</b>	<b>FR</b>	<b>EU-15</b>			<b>2</b>	<b>2</b>
<b>INSTITUT D'ENSEIGNEMENT SUPÉRIEUR ET DE RECHERCHE EN ALIMENTATION SANTÉ ANIMALE SCIENCES AGRONOMIQUES ET DE L'ENVIRONNEMENT</b>	<b>FR</b>	<b>EU-15</b>	<b>2</b>			<b>2</b>
<b>STICHTING VAN HALL LARENSTEIN</b>	<b>NL</b>	<b>EU-15</b>	<b>1</b>			<b>1</b>
<b>SVEUČILISTE JOSIPA JURJA STROSSMAYERA U OSIJEKU, FAKULTET AGROBIOTEHNIČKIH ZNANOSTI OSIJEK</b>	<b>HR</b>	<b>EU-13</b>	<b>1</b>			<b>1</b>

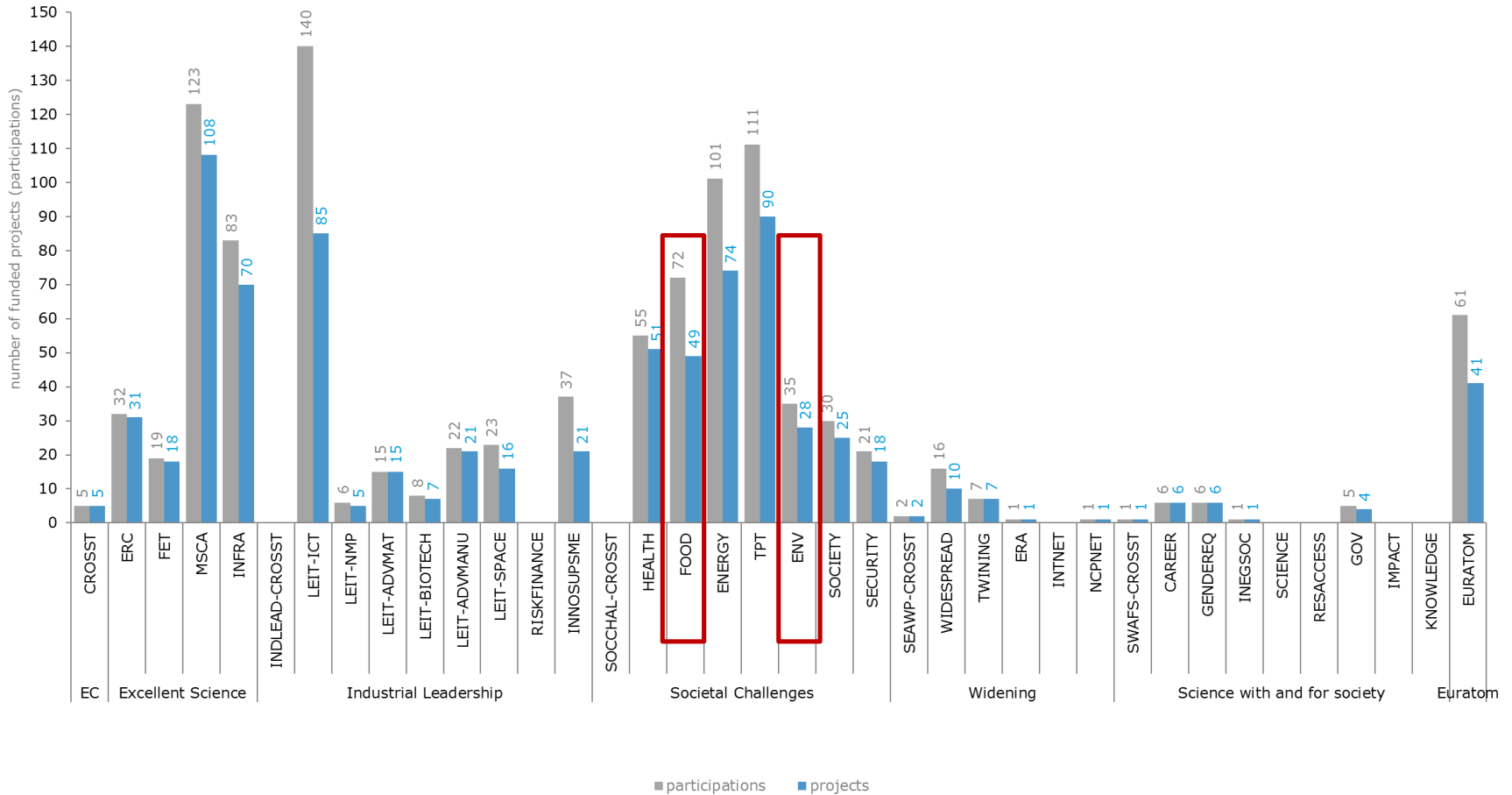




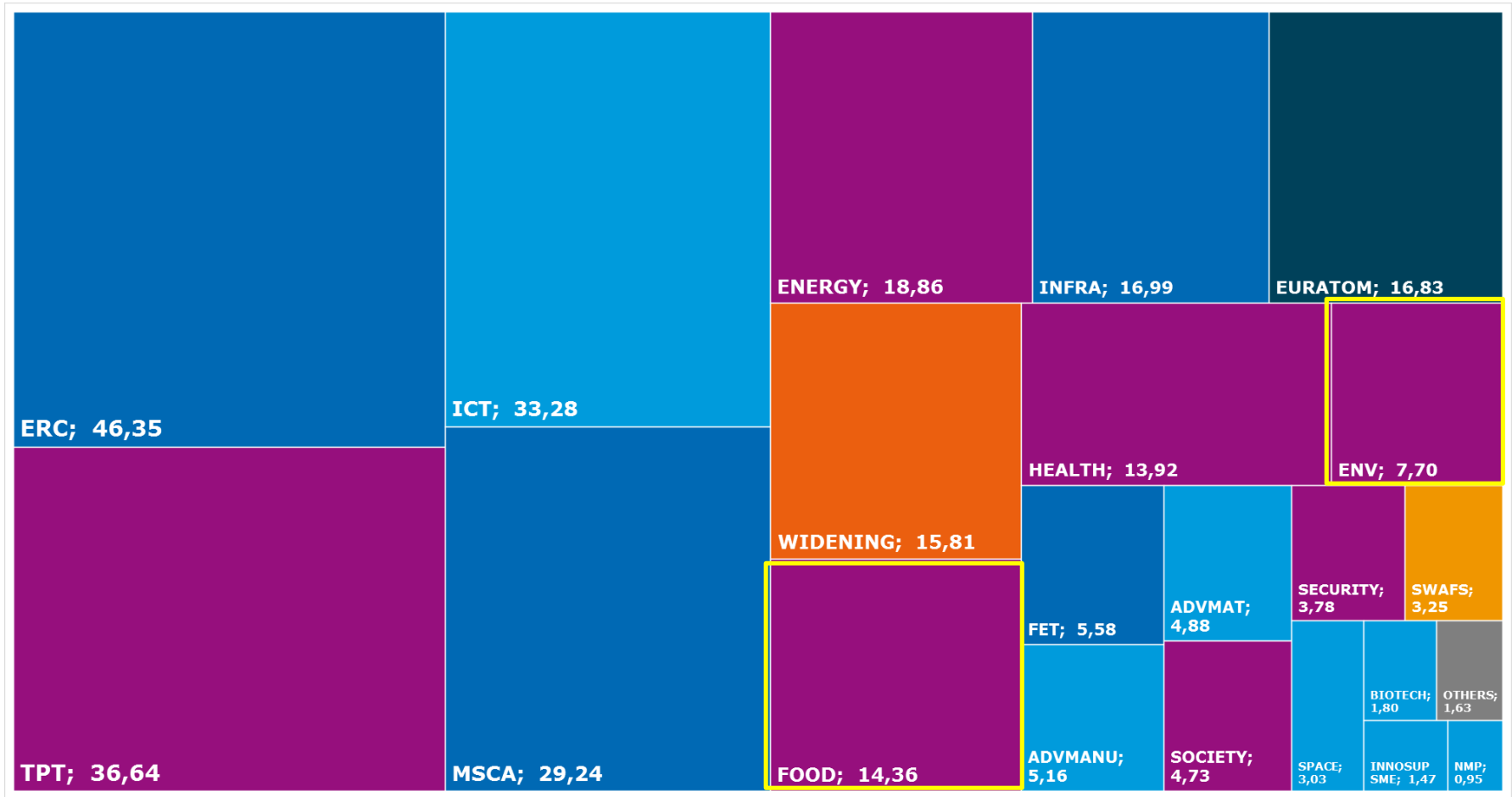
# Participation of „NON - ICA AGROFOREST universities“ in H2020

NAME	COUNTRY	STATUS	FOOD	ENV	OTHER	TOTAL
UNIVERSITAET HOHENHEIM	DE	EU-15	15	1	6	<b>22</b>
INSTITUTO SUPERIOR DE AGRONOMIA	PT	EU-15	10	1	8	<b>19</b>
CENTRO INTERNAZIONALE DI ALTISTUDI AGRONOMICI MEDITERRANEI	IT	EU-15	6	1	5	<b>12</b>
CHINA AGRICULTURAL UNIVERSITY	CN	W	7		1	<b>8</b>
UNIWERSYTET ROLNICZY IM. HUGONA KOLLATAJA W KRAKOWIE	PL	EU-13	2		4	<b>6</b>
UNIWERSYTET PRZYRODNICZY W POZNANIU	PL	EU-13	2		4	<b>6</b>
FACULTY OF AGRICULTURE - UNIVERSITY OF BELGRADE	RS	AC	5			<b>5</b>
MEDITERRANEAN AGRONOMIC INSTITUTE OF ZARAGOZA	ES	EU-15	3			<b>3</b>
FUJIAN AGRICULTURE AND FORESTRY UNIVERSITY	CN	W	2	1		<b>3</b>
NANJING AGRICULTURAL UNIVERSITY	CN	W	3			<b>3</b>
HOCHSCHULE FUR NACHHALTIGE ENTWICKLUNG EBERSWALDE	DE	EU-15	3			<b>3</b>
MEDITERRANEAN AGRONOMIC INSTITUTE OF CHANIA	EL	EU-15			2	<b>2</b>
INSTITUT AGRONOMIQUE ET VETERINAIRE HASSAN II	MA	W	1	1		<b>2</b>
UKRAINIAN NATIONAL FORESTRY UNIVERSITY	UA	AC	2			<b>2</b>
INSTITUT SUPERIEUR D'AGRICULTURE RHONE ALPES I.S.A.R.A	FR	EU-15	2			<b>2</b>
AGRAREN UNIVERSITET - PLOVDIV	BG	EU-13	2			<b>2</b>
TECHNICKA UNIVERZITA VO ZVOLENE	SK	EU-13	1		1	<b>2</b>
BEIJING FORESTRY UNIVERSITY	CN	W	1	1		<b>2</b>
SOKOINE UNIVERSITY OF AGRICULTURE	TZ	W	1	1		<b>2</b>
INSTYTUT EKONOMIKI ROLNICTWA I GOSPODARKI ZYWNOSCIOWEJ-PANSTWOWY INSTYTUT BADAWCZY	PL	EU-13			1	<b>1</b>
INNER MONGOLIA AGRICULTURAL UNIVERSITY	CN	W	1			<b>1</b>
NORTHEAST AGRICULTURAL UNIVERSITY	CN	W	1			<b>1</b>
THE UNIVERSITY OF AGRICULTURE, PESHAWAR	PK	W	1			<b>1</b>
UNIVERSITY OF BELGRADE-FACULTY OF FORESTRY	RS	AC	1			<b>1</b>
BIOTEHNISKA SOLA RAKICAN	SI	EU-13	1			<b>1</b>
SHANXI AGRICULTURAL UNIVERSITY	CN	W	1			<b>1</b>
ODESSA STATE ENVIRONMENTAL UNIVERSITY	UA	AC			1	<b>1</b>
ANHUI AGRICULTURAL UNIVERSITY	CN	W	1			<b>1</b>
HUAZHONG AGRICULTURAL UNIVERSITY	CN	W	1			<b>1</b>
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	US	W			1	<b>1</b>
ROYAL AGRICULTURAL UNIVERSITY	UK	EU-15	1			<b>1</b>
INSTITUTE OF AGRICULTURAL RESOURCES AND REGIONAL PLANNING CAAS	CN	W	1			<b>1</b>
UNIVERSIDAD NACIONAL AGRARIA LA MOLINA	PE	W	1			<b>1</b>
UNIVERSITATEA DE STIINTE AGRICOLE SI MEDICINA VETERINARA ION IONESCU DE LA BRAD DIN IASI	RO	EU-13	1			<b>1</b>
HOEHERE BUNDESLEHR- UND FORSCHUNGSANSTALT FUER LANDWIRTSCHAFT, LANDTECHNIK UND LEBENSMITTELTECHNOLOGIE	AT	EU-15	1			<b>1</b>
CENTRO NACIONAL DE SANIDAD AGROPECUARIA	CU	W	1			<b>1</b>

# Participation of the Czech Republic in individual priorities and societal challenges of the H2020 programme: beneficiaries



# EC contribution of the Czech Republic in individual priorities and societal challenges of the H2020 programme



## Czech institutions in FOOD and ENV (only participants with more than 1 participation included)

### FOOD

INSTITUTION	ORG TYPE	BENEFICIARY	THIRDPARTY/PARTNER ORGANIZATION	TOTAL
Wirelessinfo	REC	5		5
Lesoprojekt služby, s.r.o.	PRC	4		4
Česká zemědělská univerzita v Praze	HES	4		4
Výzkumný ústav rostlinné výroby, v.v.i.	REC	4		4
Státní zdravotní ústav	REC	3		3
Ústav zemědělské ekonomiky a informací	REC	3		3
Technologické centrum AV ČR	REC	3		3
Mendelova zemědělská a lesnická univerzita v Brně	HES	3		3
Výzkumný ústav meliorací a ochrany půdy, v.v.i.	REC	2		2
Biologické centrum AV ČR, v.v.i.	REC	2		2
Jihočeská univerzita v Českých Budějovicích	HES	2		2
Bioinstitut, o.p.s.	OTH	2		2
Vysoká škola chemicko-technologická v Praze	HES	2		2
Plan4all z.s.	OTH	2		2

### ENV

INSTITUTION	ORG TYPE	BENEFICIARY	THIRDPARTY/PARTNER ORGANIZATION	TOTAL
Česká geologická služba	REC	2	3	5
Masarykova univerzita	HES	5		5
Česká asociace ložiskových geologů, z.s. /ČALG/	OTH		5	5
Ústav výzkumu globální změny AV ČR, v.v.i.	REC	4		4
Univerzita Karlova v Praze	HES	2		2
Enviros, s.r.o.	PRC	2		2

**Thank you for your attention! 😊**