



APRE

Agenzia per la Promozione
della Ricerca Europea

La partecipazione italiana ai bandi ERC 2022

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Rappresentante nazionale nel Comitato di Programma ERC in HE



ERC Starting Grant 2022

Domain	Deadline	Indicative budget
Physical Sciences and Engineering (PE)	13/01/2022	€ 270.002.882 (43%)
Life Sciences (LS)		€ 192.036.635 (30%)
Social Sciences and Humanities (SH)		€ 173.960.483 (27%)
Total		€ 636.000.000,00

Lista panel: https://erc.europa.eu/sites/default/files/2023-03/ERC_panel_structure_2024_calls.pdf



ERC Starting Grant 2022

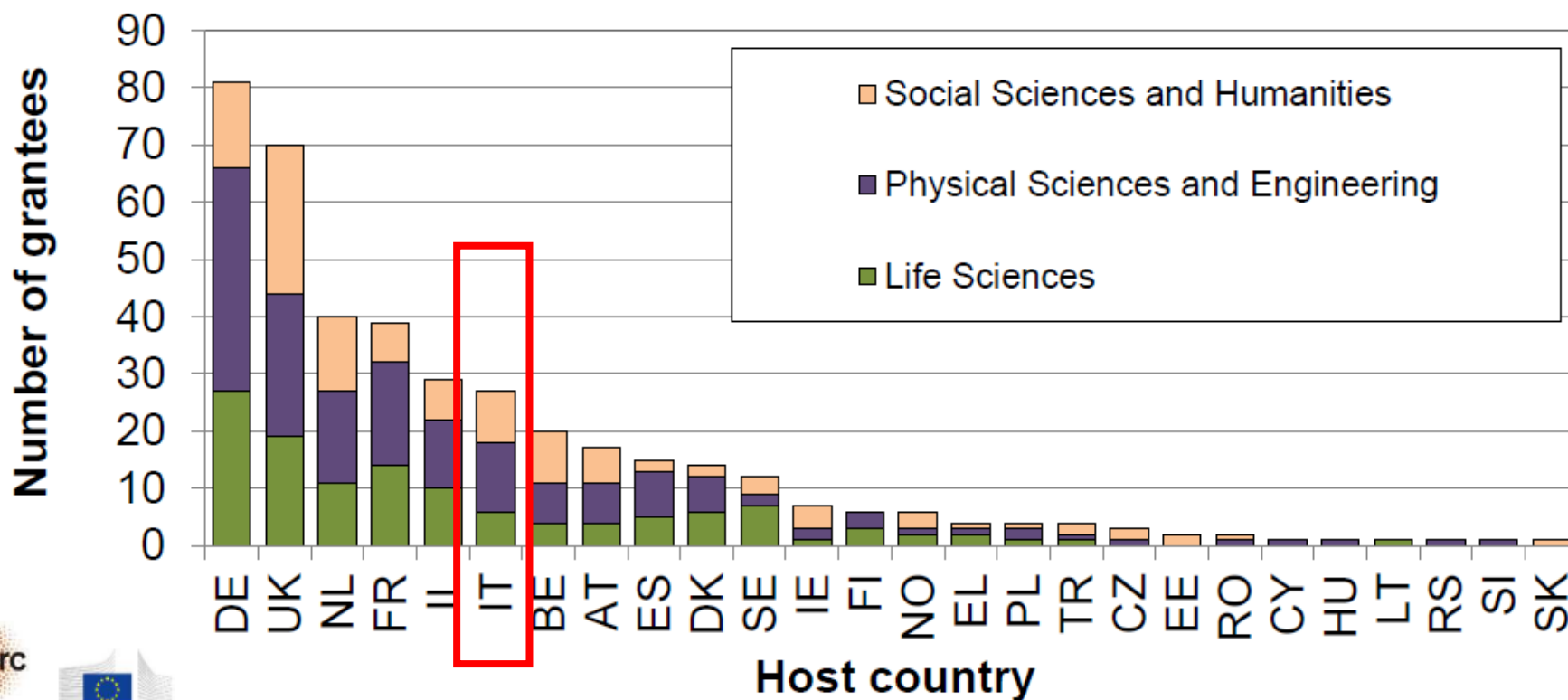
	Submissions	Passed to step 2	Main list	Call success rate (14%)		
				M	F	X
Physical Sciences and Engineering	1224	480	168	13.3%	15.5%	
Life Sciences	860	299	124	16.4%	12.4%	
Social Sciences and Humanities	848	267	116	14.4%	13.1%	50%
Total	2932	1046	408	14.4%	13.5%	18%



ERC Starting Grant 2022

Grantees by Country of Host Institution and Domain (Total 408 grants)

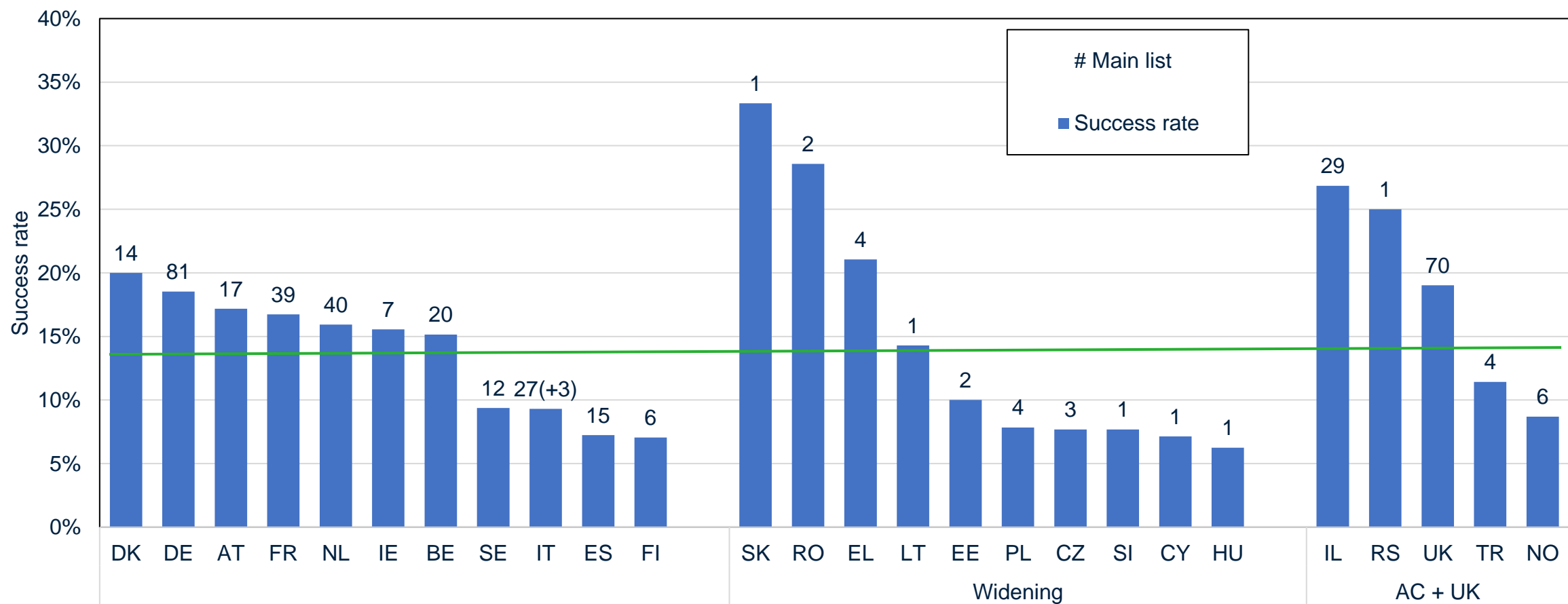
26 countries





STG 2022 - Results of step 2

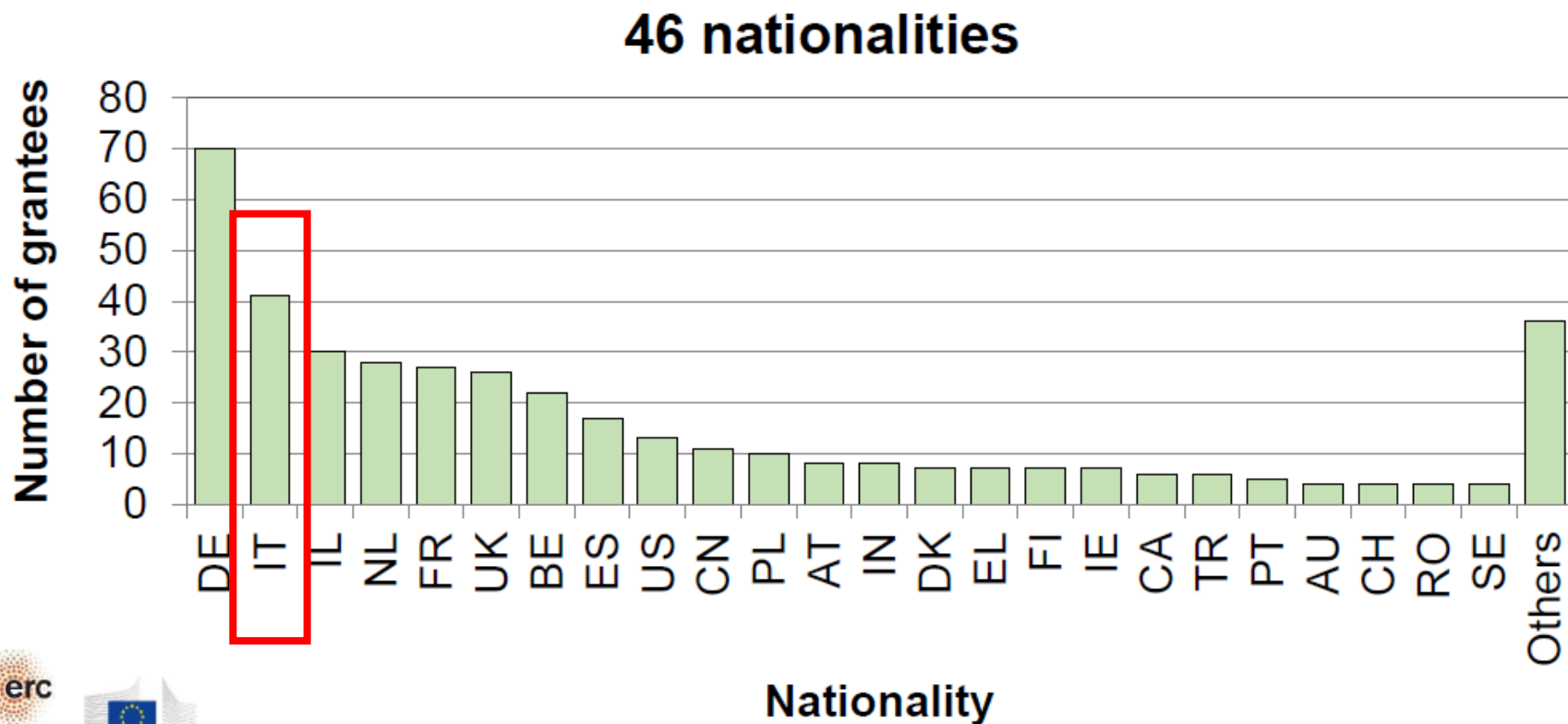
Funded proposals by success rate of host institution country





ERC Starting Grant 2022

Grantees by Nationality (Total 408 grants)





Starting Grant 2022: i vincitori con host italiane 27 (lista di riserva ancora aperta)

NOME	COGNOME	PANEL
Alessia	NAVA	SH6
Alessio	SARDO	SH2
Antonio	DE ROSA	PE1
Barbara	BIASI	SH1
Cecilia	LATERZA	LS9
Cornelis	SCHILT	SH6
Davide	BACCO	PE7
Fabio	FERRARI	PE8
Florian	NAGLER	SH1
Francesca	GARBARINI	SH4
Giacomo	ZANELLA	PE1
Gianvito	VILE	PE8
Giulia	GIORDANO	PE7
Giulia	ZANINI	SH3
Katja	REINHARD	LS5
Laura	DONNAY	PE2
Marco	GARGARO	LS7
Margherita	MAIURI	PE4
Marta	GRAVELA	SH6
Monica	CASUCCI	LS7
Nicoletta	BALBO	SH7
Paola	OCCHETTA	PE8
Serena	SANNA	LS4
Simona	GIUNTA	LS1
Sirio	BELLI	PE9
Stefano	FACCHINI	PE9
Woo Jin	KWON	PE2

DOMINIO PE: 12

- **3 progetti PE8**
- **2 progetti PE1**
- **2 progetti PE7**
- **2 progetti PE2**
- **2 progetti PE9**
- **1 progetto PE4**

DOMINIO SH: 9

- **3 progetti SH6**
- **2 progetti SH1**
- **1 progetto SH2**
- **1 progetto SH4**
- **1 progetto SH3**
- **1 progetto SH7**

DOMINIO LS:6

- **2 progetti LS7**
- **1 progetto LS9**
- **1 progetto LS5**
- **1 progetto LS4**
- **1 progetto LS1**



ERC Consolidator Grants 2022

Domain	Deadline	Indicative budget
Physical Sciences and Engineering (PE)	17/03/2022	€ 281.623.430 (42.7%)
Life Sciences (LS)		€ 188.213.231 (28.6%)
Social Sciences and Humanities (SH)		€ 189.163.338 (28.7%)
Total		€ 659.000.000,00



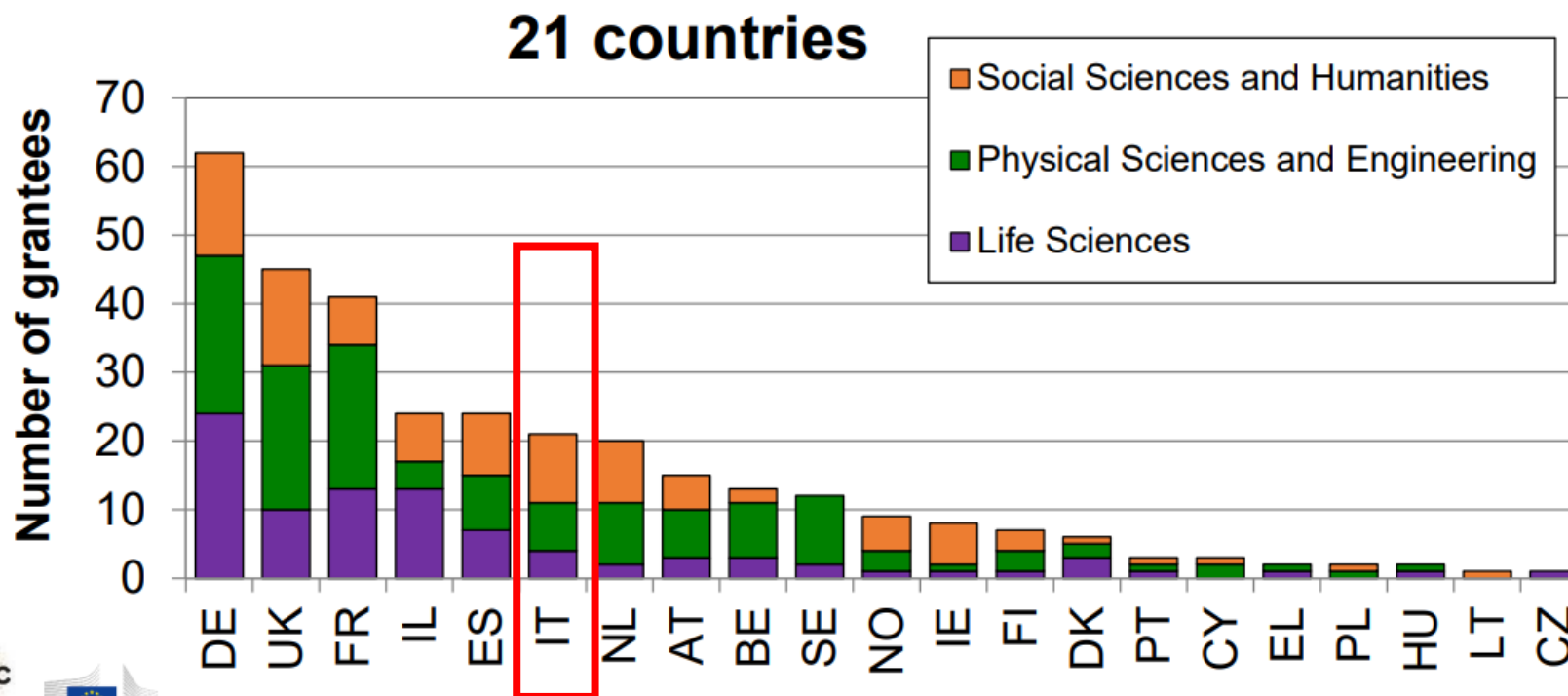
COG 2022 - Results of step 2

Call budget 659 M € = Main list

	Submissions	Evaluated	Passed to step 2	Main list	Call success rate 14.8%		
					M	F	X
Physical Sciences and Engineering	938	915	383	133	14.3%	15.3%	0%
Life Sciences	612	595	243	91	16.5%	13.6%	25%
Social Sciences and Humanities	672	658	224	97	15.8%	13.8%	0%
Total	2222	2168	850	321	15.5%	13.5%	11%



ERC Consolidator Grants 2022

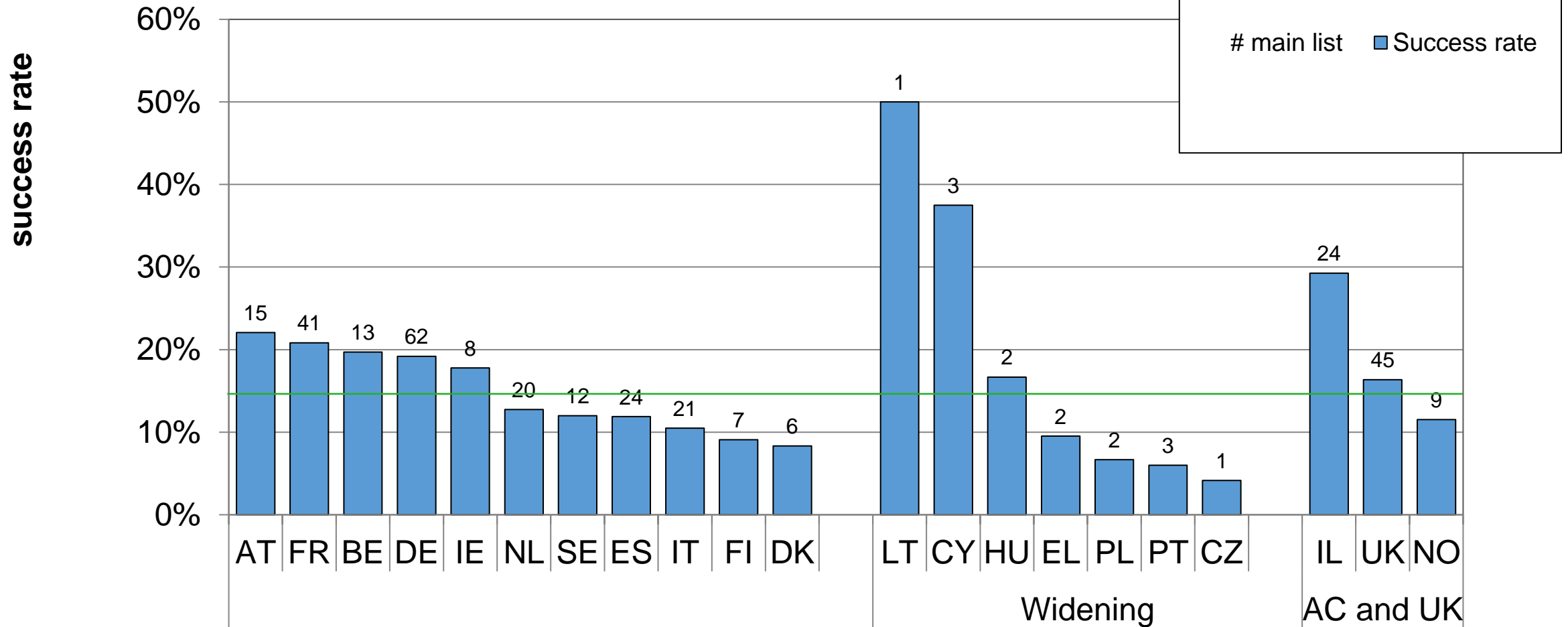


Grantees by Country of Host Institution and Domain (Total 321 grants)



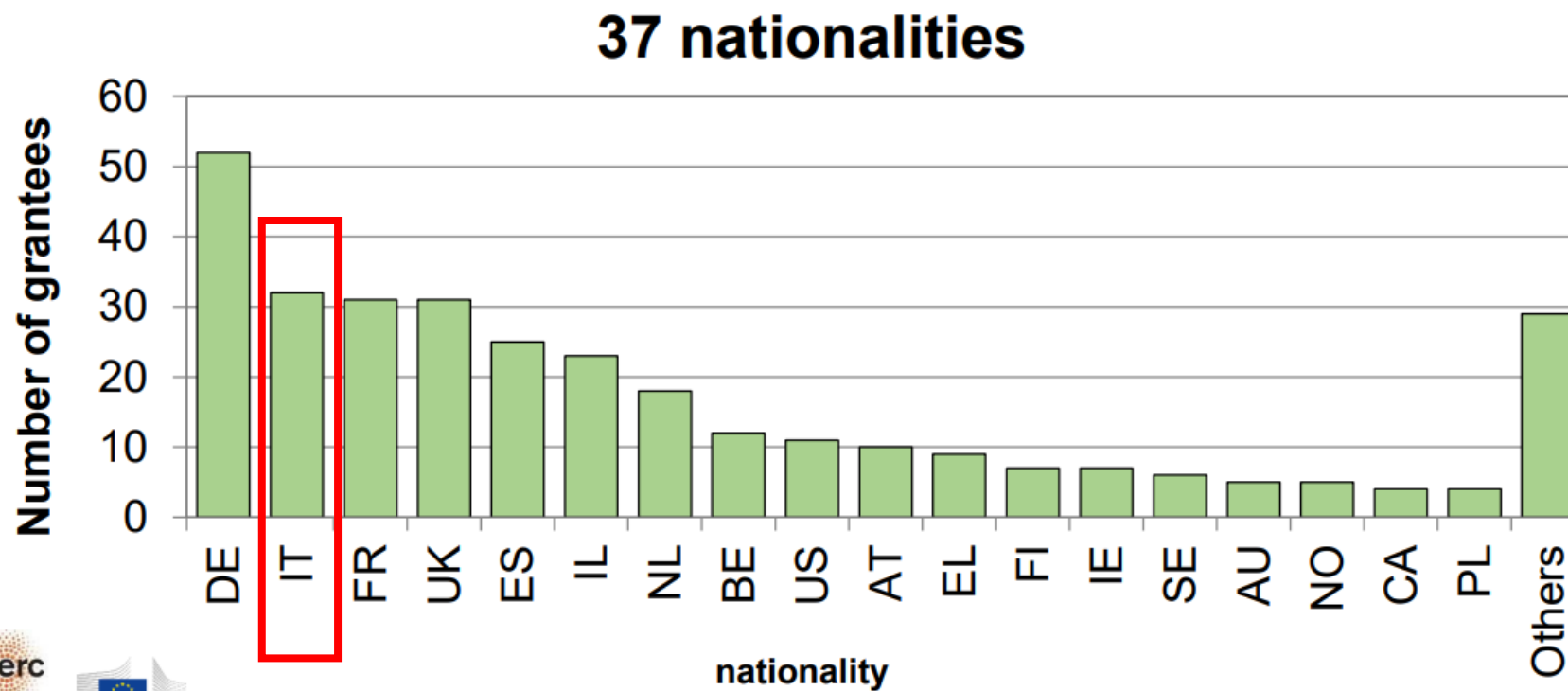
COG 2022 - Results of step 2

Funded proposals by success rate of host institution country





ERC Consolidator Grants 2022



Grantees by Nationality (Total 321 grants)



Consolidator 2022: i vincitori con host italiane 21 (lista di riserva ancora aperta)

NOME	COGNOME	PANEL	DOMINIO SH: 10	DOMINIO PE: 7	DOMINIO LS: 4
Alessandro	TAVONI	SH7	• 4 PROGETTI SH5	• 3 PROGETTI PE8	• 2 PROGETTI LS7
Annick	PAYNE	SH5	• 2 PROGETTI SH4	• 2 PROGETTI PE2	• 1 PROGETTO LS2
Camilla	COLOMBO	PE8	• 2 PROGETTI SH3	• 1 PROGETTO PE9	• 1 PROGETTO LS5
Christian	VASSALLO	SH5	• 1 PROGETTO SH7	• 1 PROGETTO PE10	
Costanza	TONINELLI	PE2	• 1 PROGETTO SH2		
Diego	MISSERONI	PE8			
Elias - Ilas	DINAS - NTINAS	SH2			
Francesco	DE GASPERIN	PE9			
Luca	PATTAVINA	PE2			
Marco	MARELLI	SH4			
Marzena Magda	BIENKO	LS2			
Matteo	PASQUINELLI	SH5			
Michael	LOMBARDO	SH4			
Miriam	MELIS	LS5			
Moris	TRIVENTI	SH3			
Nicola	CARPENTIERI	SH5			
Pascal	BOHLEBER	PE10			
Renato	OSTUNI	LS7			
Tommaso	ANDREUSSI	PE8			
Valentina	BOLLATI	LS7			
Valentina	BONIFACIO	SH3			



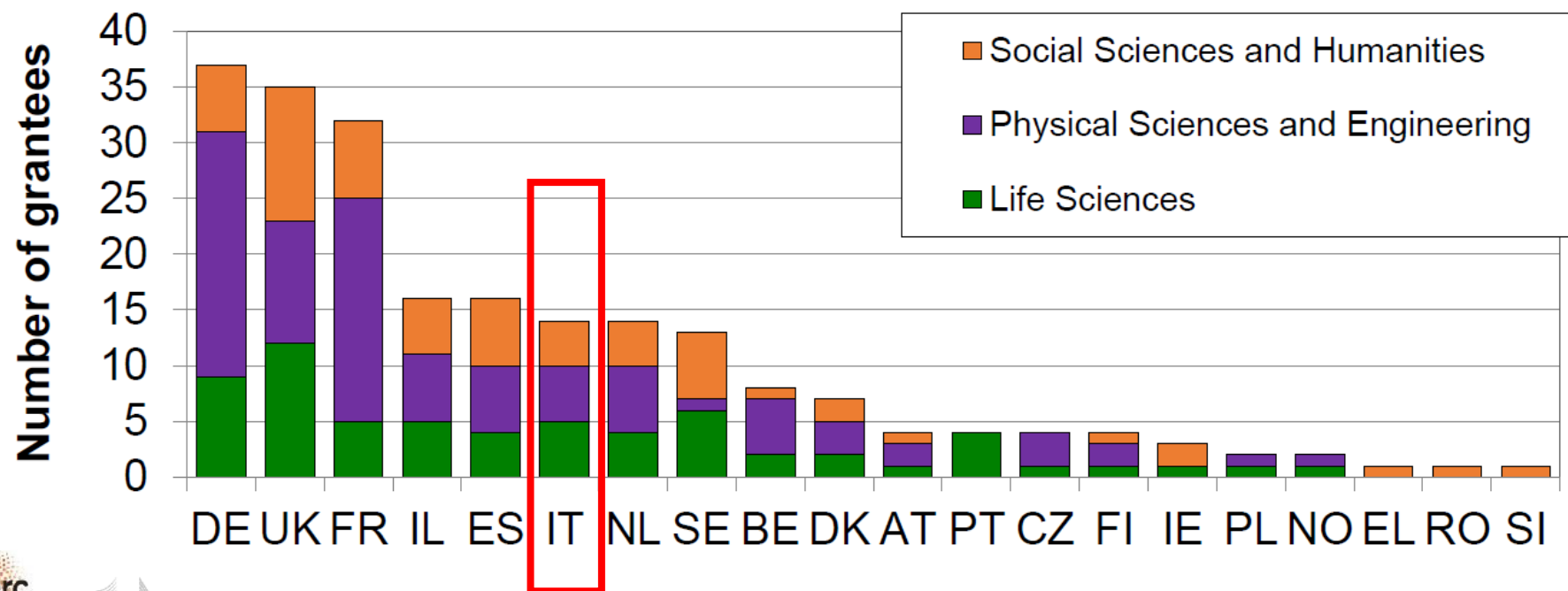
ERC Advanced Grants 2022

	Submitted Proposals	Selected Proposals
Life Sciences	467	64
Physical Sciences and Engineering	711	94
Social Sciences and Humanities	469	60
TOTAL	1647	218
Success rate ~ 13.2 %		

ERC Advanced Grants 2022

ITALIA: 155 progetti presentati, 14 finanziati
9% tasso di successo

20 countries

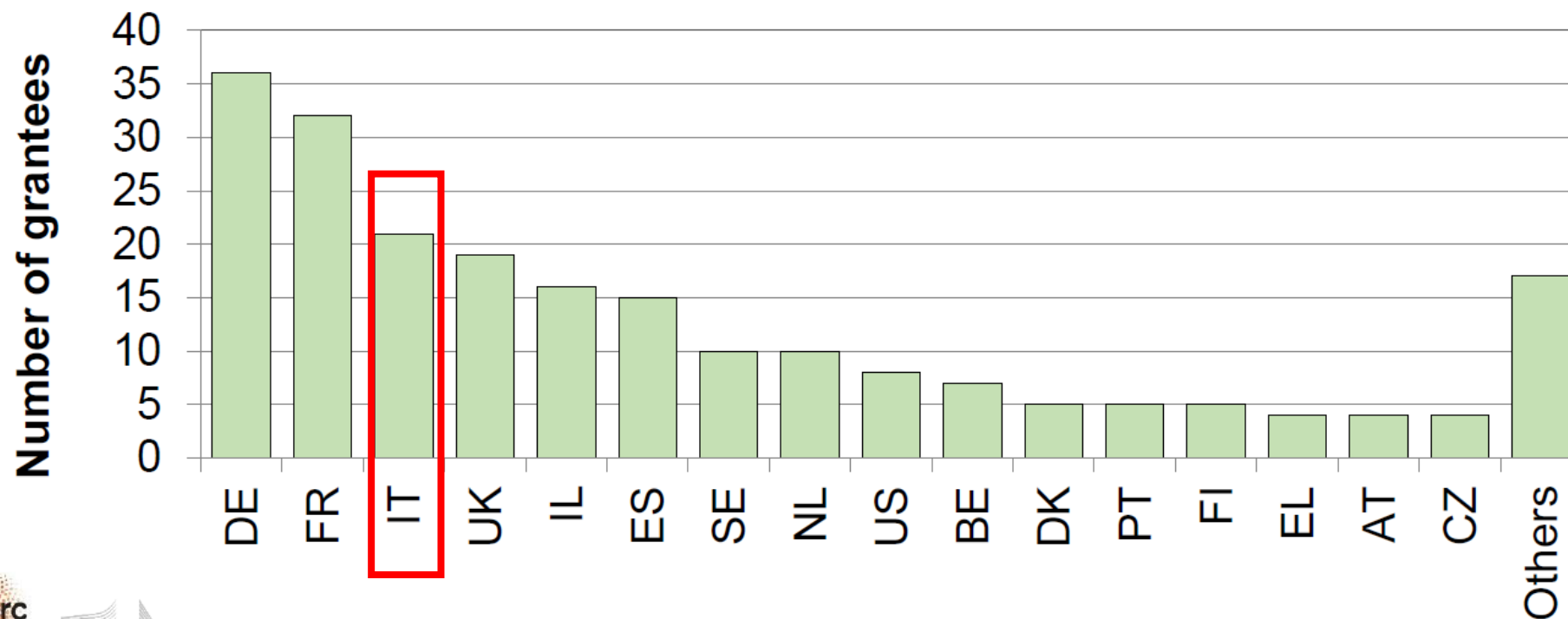


Grantees by Country of Host Institution and Domain (Total 218 grants)



ERC Advanced Grants 2022

27 nationalities



Grantees by Nationality (Total 218 grants)



Advanced 2022: i vincitori con host italiane 14 (lista di riserva ancora aperta)

NOME	COGNOME	PANEL	DOMINIO PE: 5	DOMINIO LS: 5	DOMINIO SH: 4
Alberto	AURICCHIO	LS7	• 2 PROGETTI PE8	• 2 PROGETTI LS7	• 2 PROGETTI SH1
Amnon	NEEMAN	PE1	• 1 PROGETTO PE1	• 2 PROGETTI LS4	• 1 PROGETTO SH2
Andrea	BALLABIO	LS4	• 1 PROGETTO PE5	• 1 PROGETTO LS1	• 1 PROGETTO SH4
Andrea	MATTEVI	LS1	• 1 PROGETTO PE4		
Daniele	CARAMANI	SH2			
Emilio	CALVANO	SH1			
Filippo	BERTO	PE8			
Liberato	MANNA	PE5			
Majed	CHERGUI	PE4			
Massimo	MORBIDELLI	PE8			
Nicola	GENNAIOLI	SH1			
Rino	RAPPUOLI	LS7			
Stefano	PICCOLO	LS4			
Umberto	CASTIELLO	SH4			



ERC SyG2022

359 proposals submitted - 29 funded → 105 PIs funded

Overall call success rate 8.2%

Proposals selected for funding

Proposals	29
Total # PIs	105
Average duration (max 72 months)	72
Average # PIs	3.6
Female PIs	22%
Average budget requested (million €)	10.16
Average # Beneficiaries	3.8
Average # HIs	3.2
% proposals including partners	31%

Call budget: 297 Million €

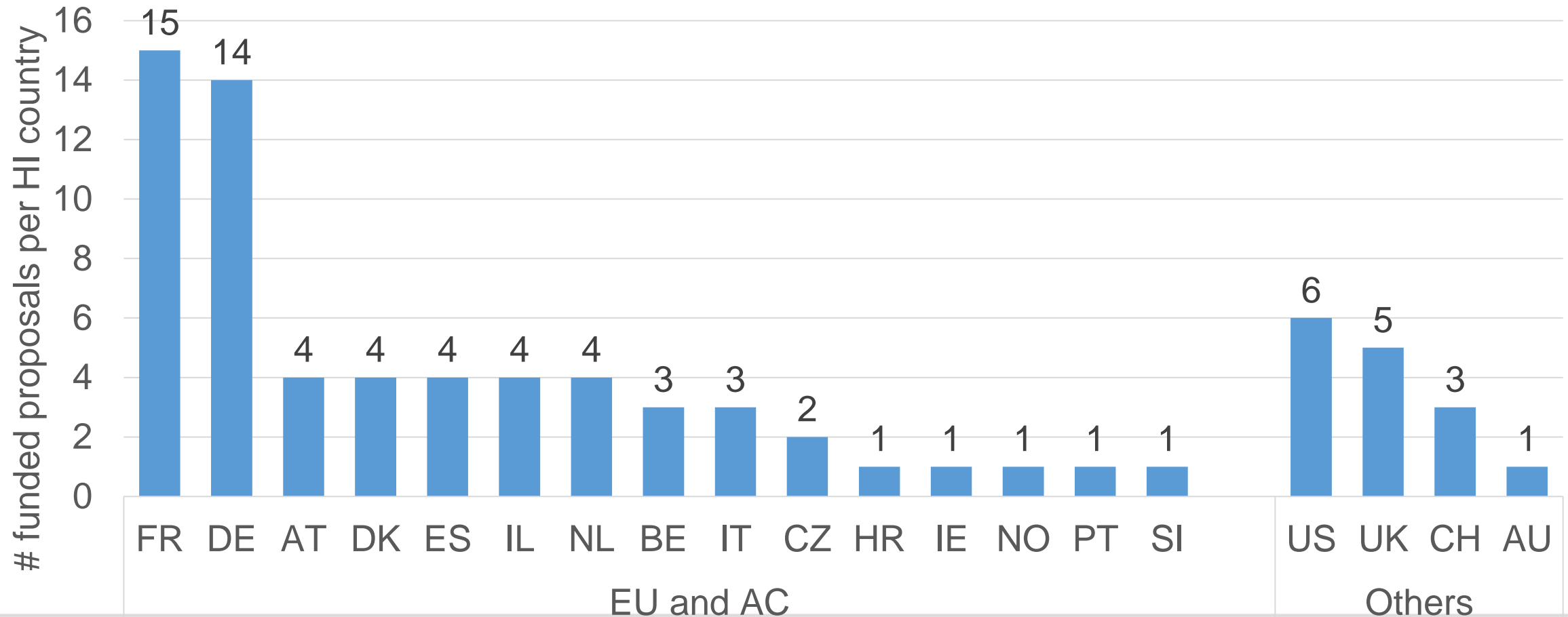
Total awarded grant for the 29 selected proposals: 295 Million €



ERC SyG2022

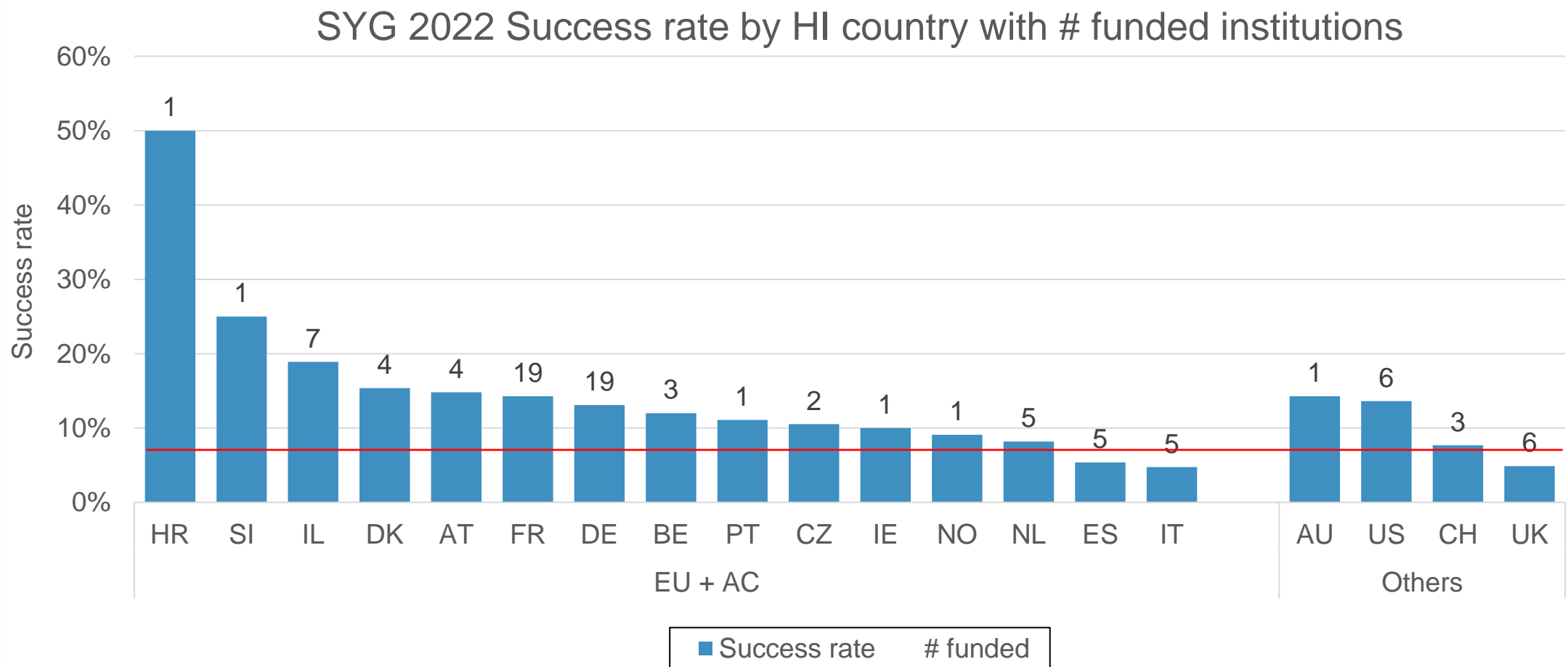
Proposals per country

SYG 2022 # funded proposals per country of host institution





SYG 2022 Success rate by host country



counting all occurrences of host institutions in a proposal in a given country



Synergy 2022: i vincitori con host italiane 3 progetti in 4 istituzioni italiane (lista di riserva ancora aperta)

CASTLE	Chirality and spin selectivity in electron transfer processes: from quantum detection to quantum enabled technologies	SESSOLI, Roberta (IT); WASIELEWSKI, Michael R. (US); BITTL, Robert (DE); CARRETTA, Stefano (IT)
NEMESIS	NEurological MEchanismS of Injury, and Sleep-like cellular dynamics	CORBETTA, Maurizio (IT); DECO, Gustavo (IT); MASSIMINI, Marcello (IT); SANCHEZ-VIVES, Maria Victoria (ES)
SHAPINCELLFATE	Impact of cell shapes on cell behaviour and fate	PIEL, Matthieu (FR); VOITURIEZ, Raphael (FR); SCITA, Giorgio (IT); LENNON, Ana-Maria (FR)