



NEMZETI KUTATÁSI, FEJLESZTÉSI
ÉS INNOVÁCIÓS HIVATAL

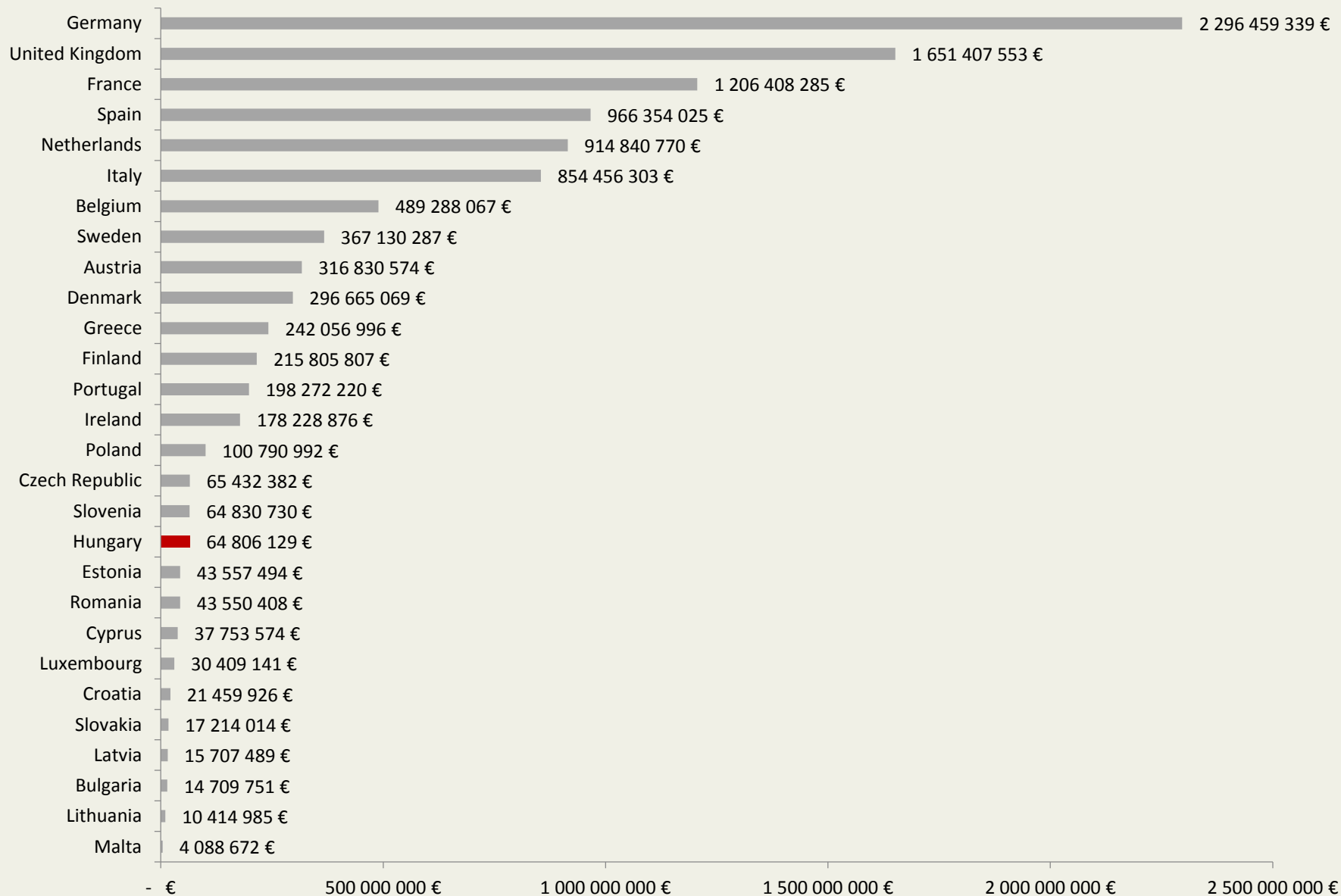
**Közlekedési Információs Nap
2015. december 11.**

**H2020
Transport Eredmények**

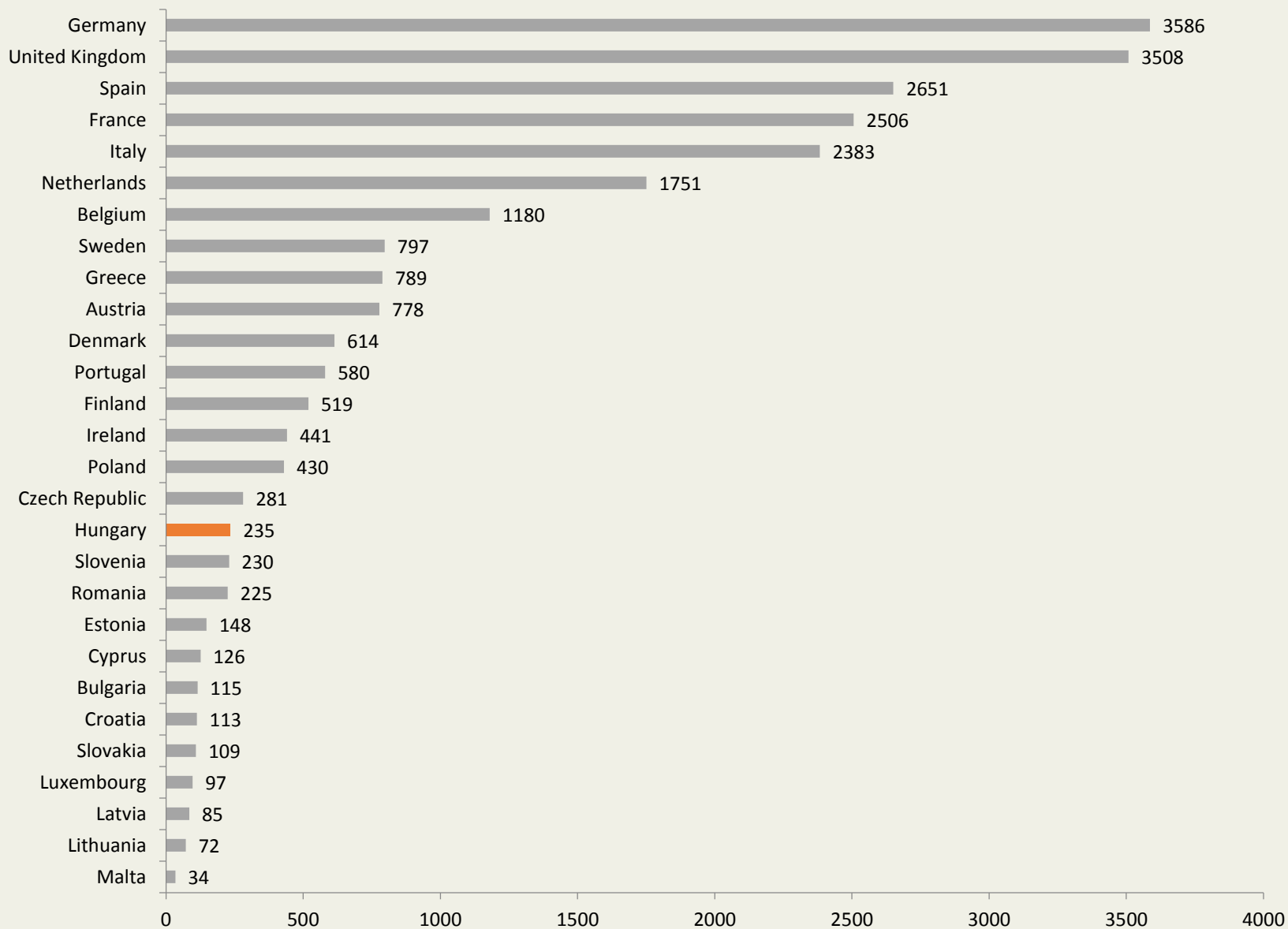
2015. 09. 17.



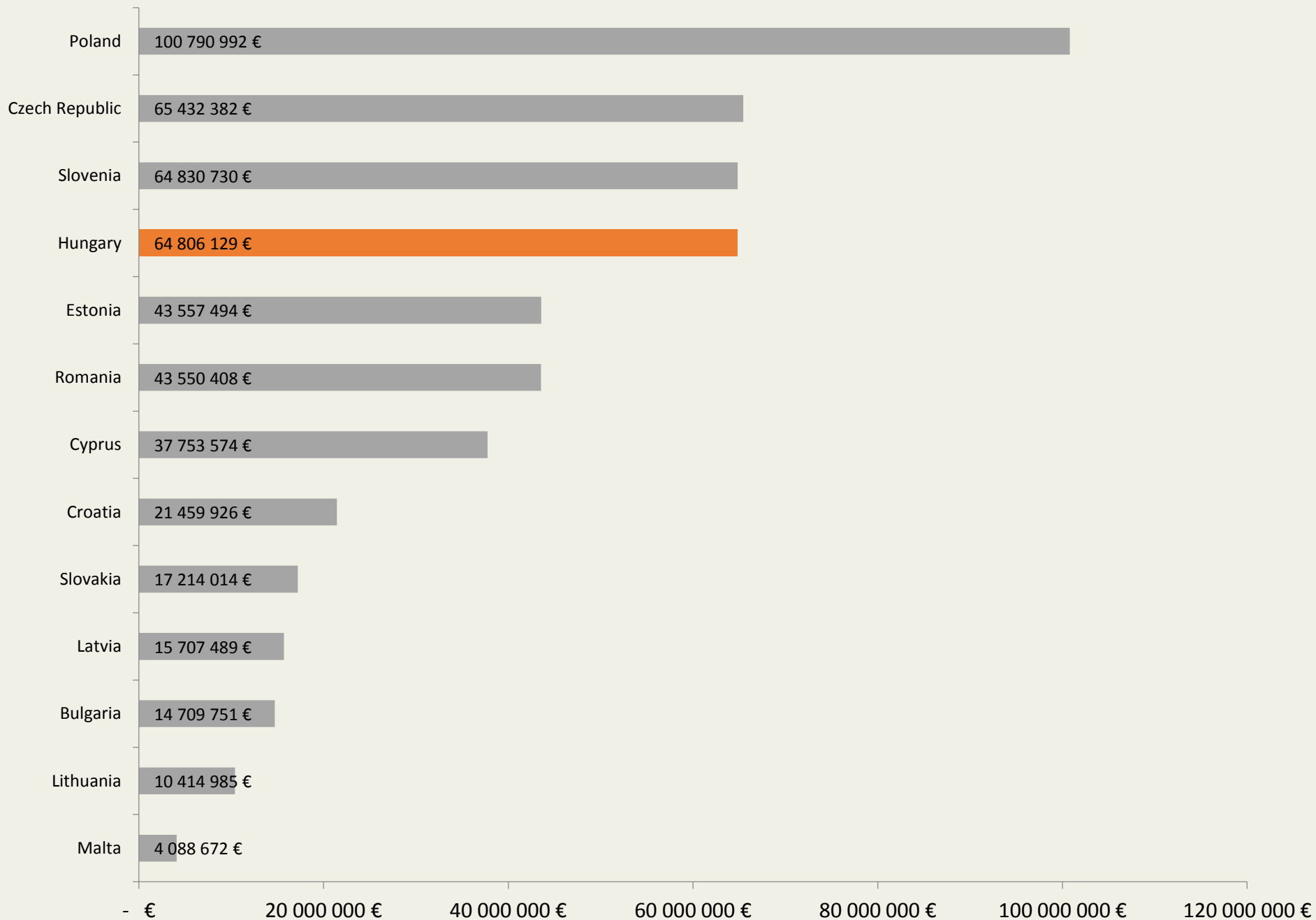
Megítélt támogatási összegek H2020 programokban az EU28-ban



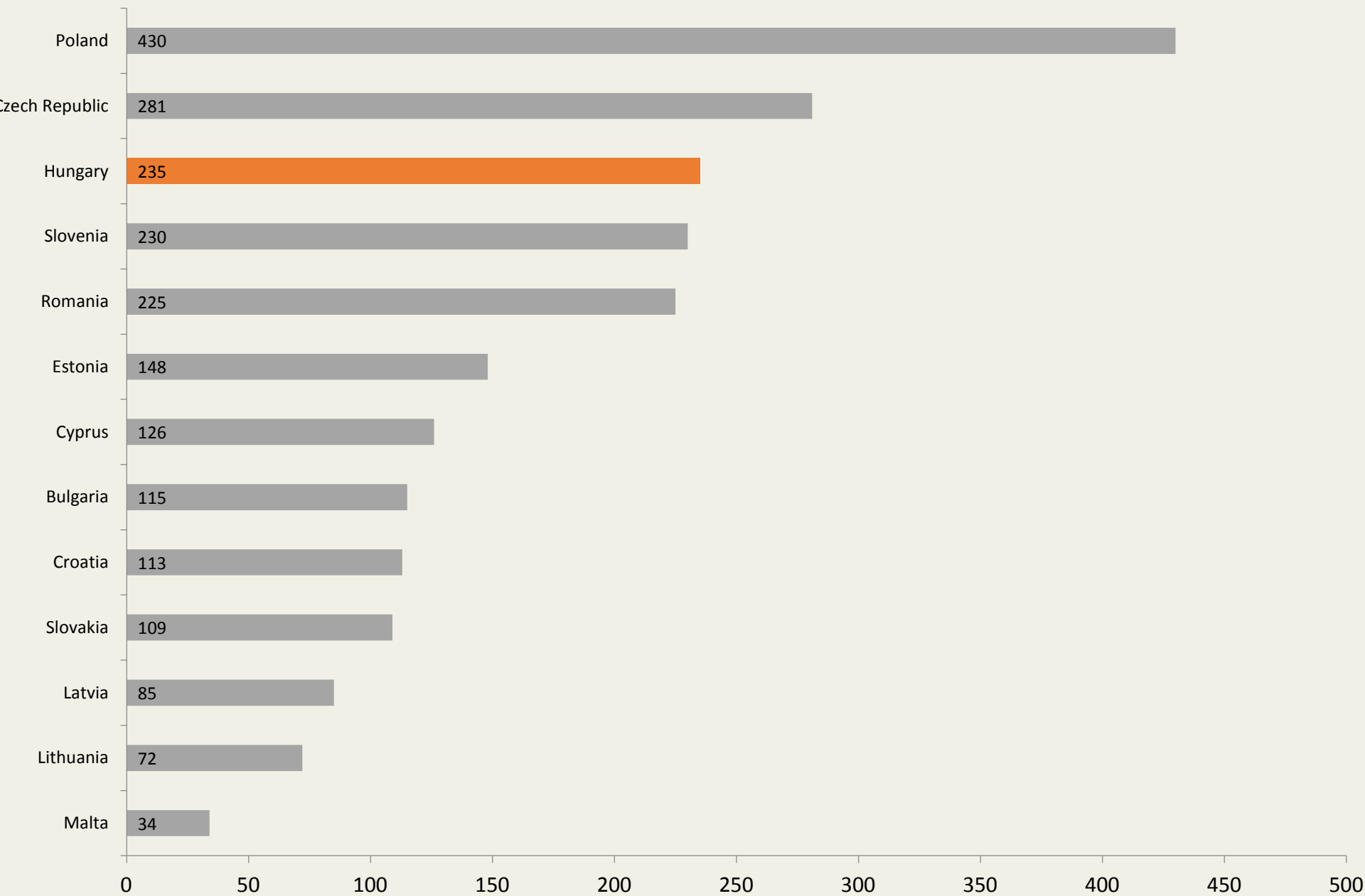
Támogatásra javasolt pályázó szervezetek száma H2020 programokban az EU28-ban



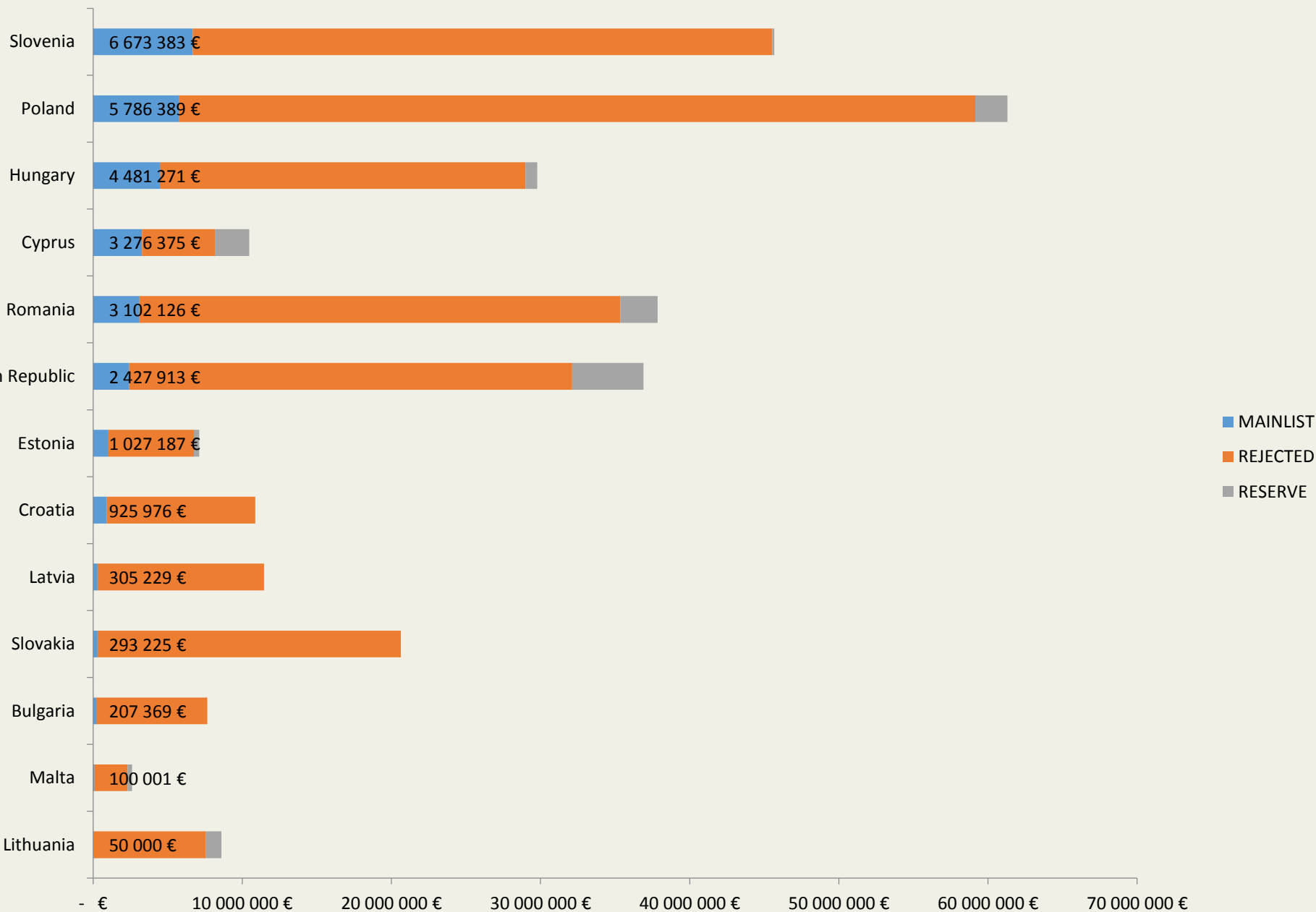
Megítelt támogatási összegek H2020 programokban az EU13-ban



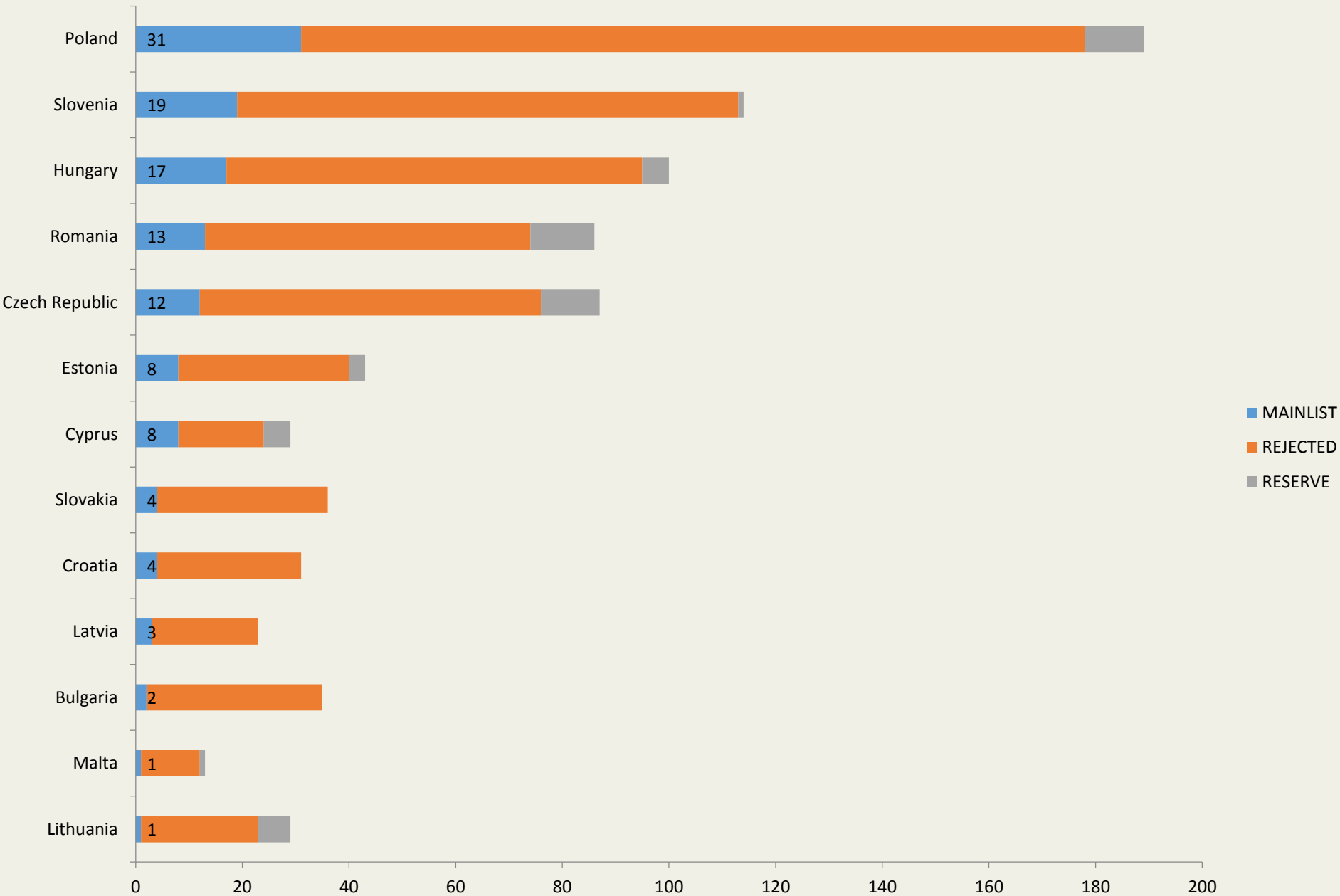
Támogatásra javasolt pályázó szervezetek száma H2020 programokban az EU13-ban



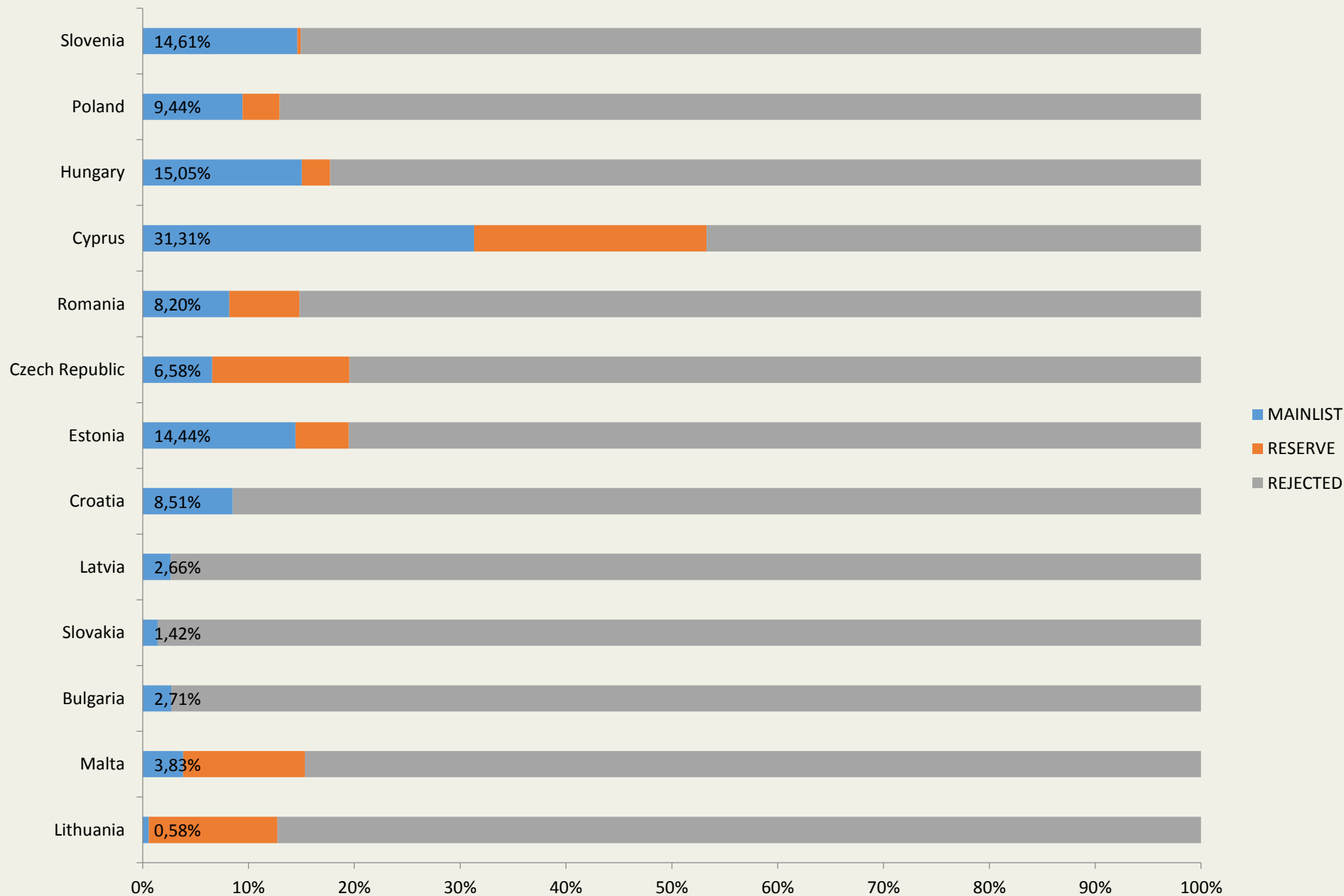
Elnyert összegek a Smart, green and integrated transport tematikus célkitűzés esetében az EU 13-ban



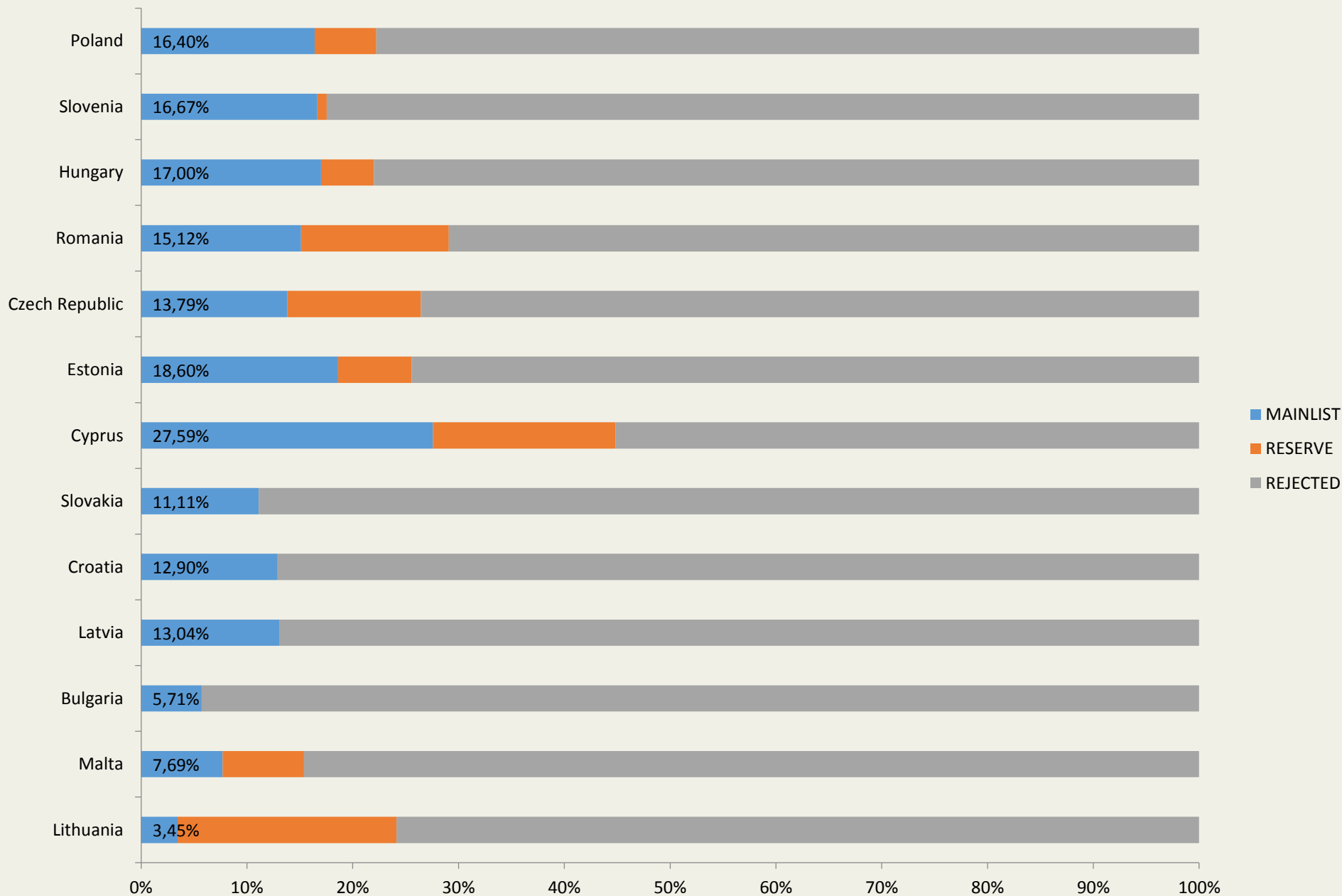
Támogatott szervezetek száma a Smart, green and integrated transport tematikus célkitűzés esetében az EU 13-ban



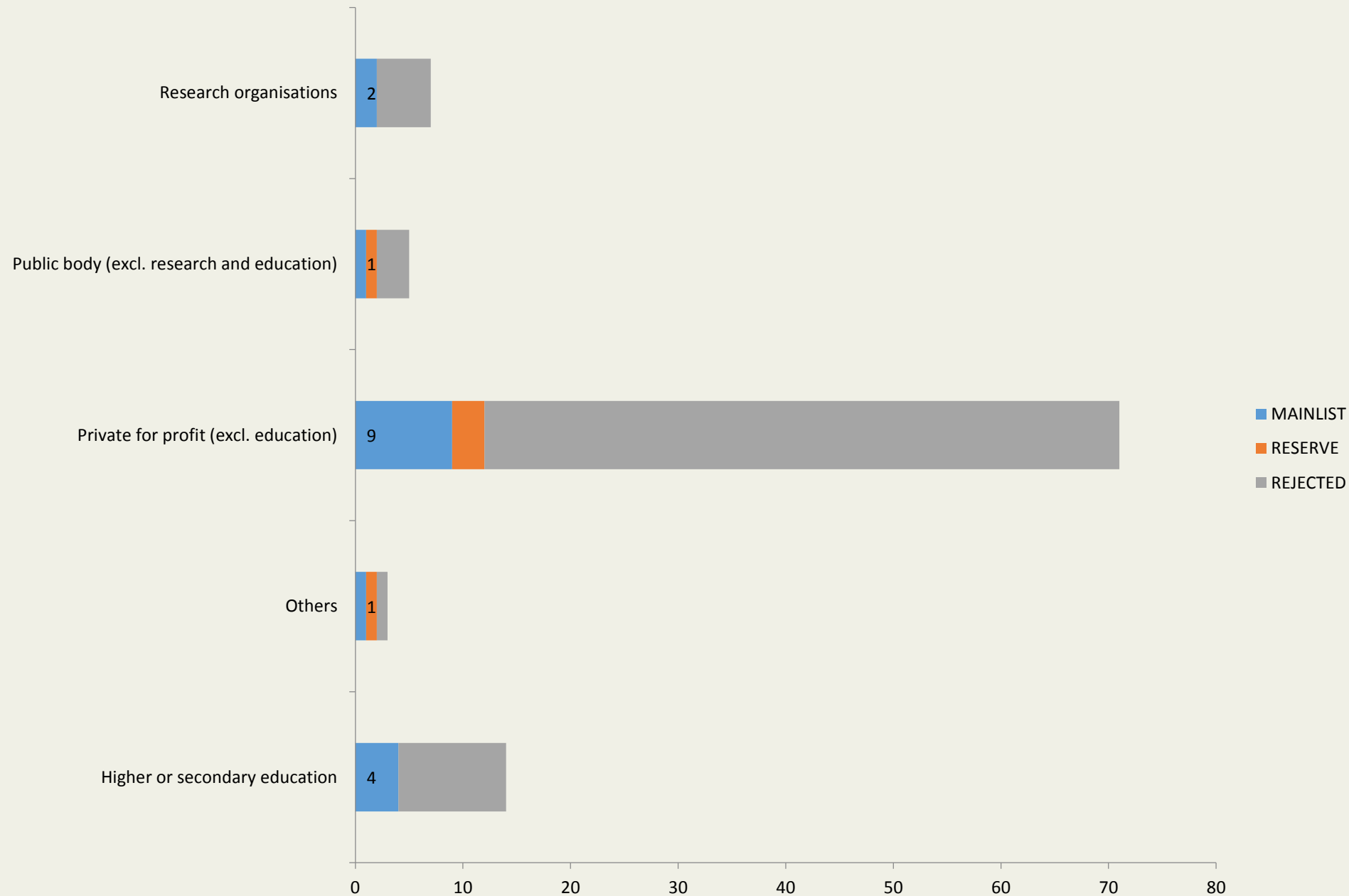
sikerarányok az elnyert összegek szerint a Smart, green and integrated transport tematikus célkitűzés esetében az EU 13-ban (%)



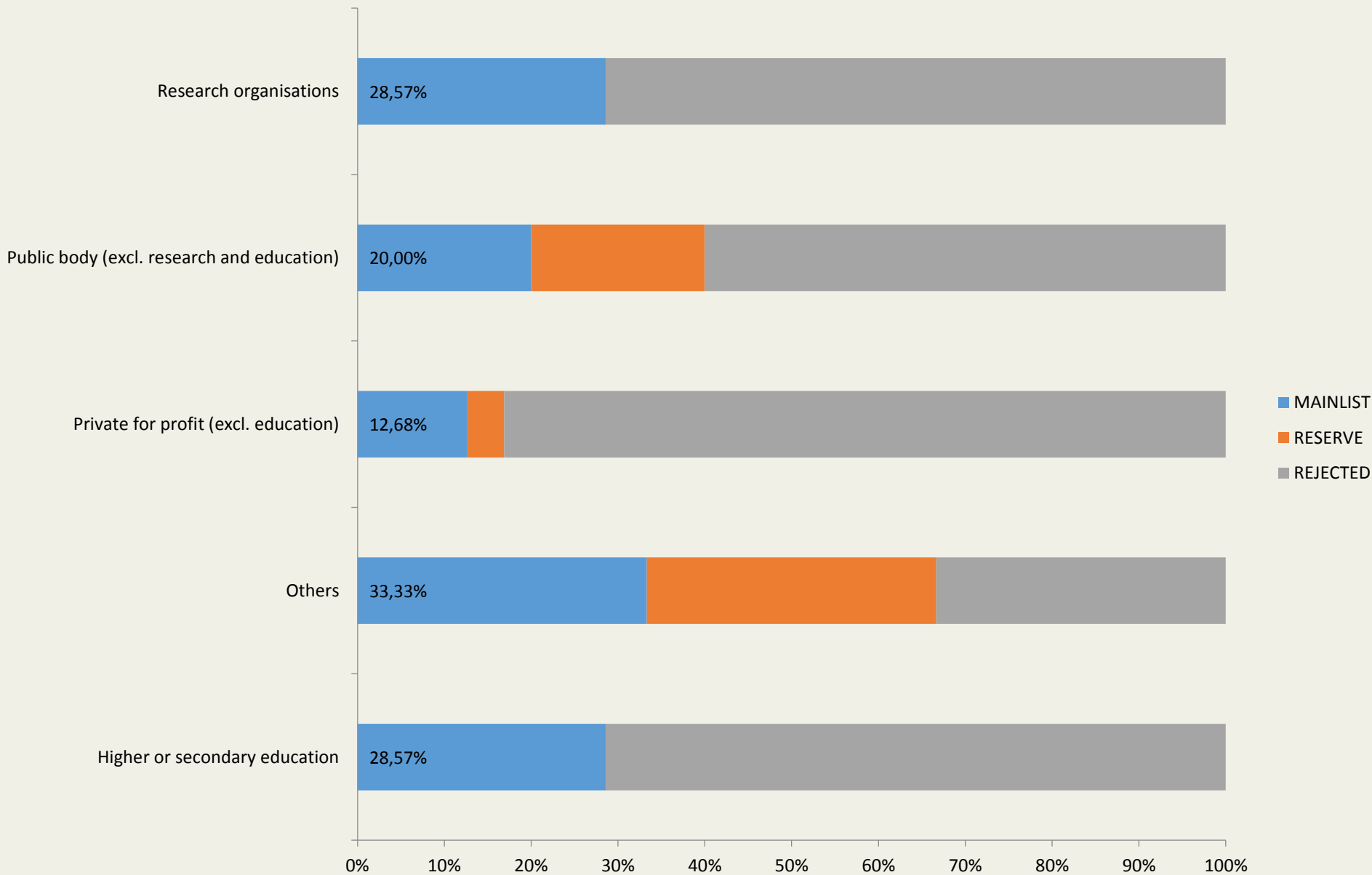
sikerarányok a támogatott szervezetek száma szerint a Smart, green and integrated transport tematikus célkitűzés esetében az EU 13-ban (%)



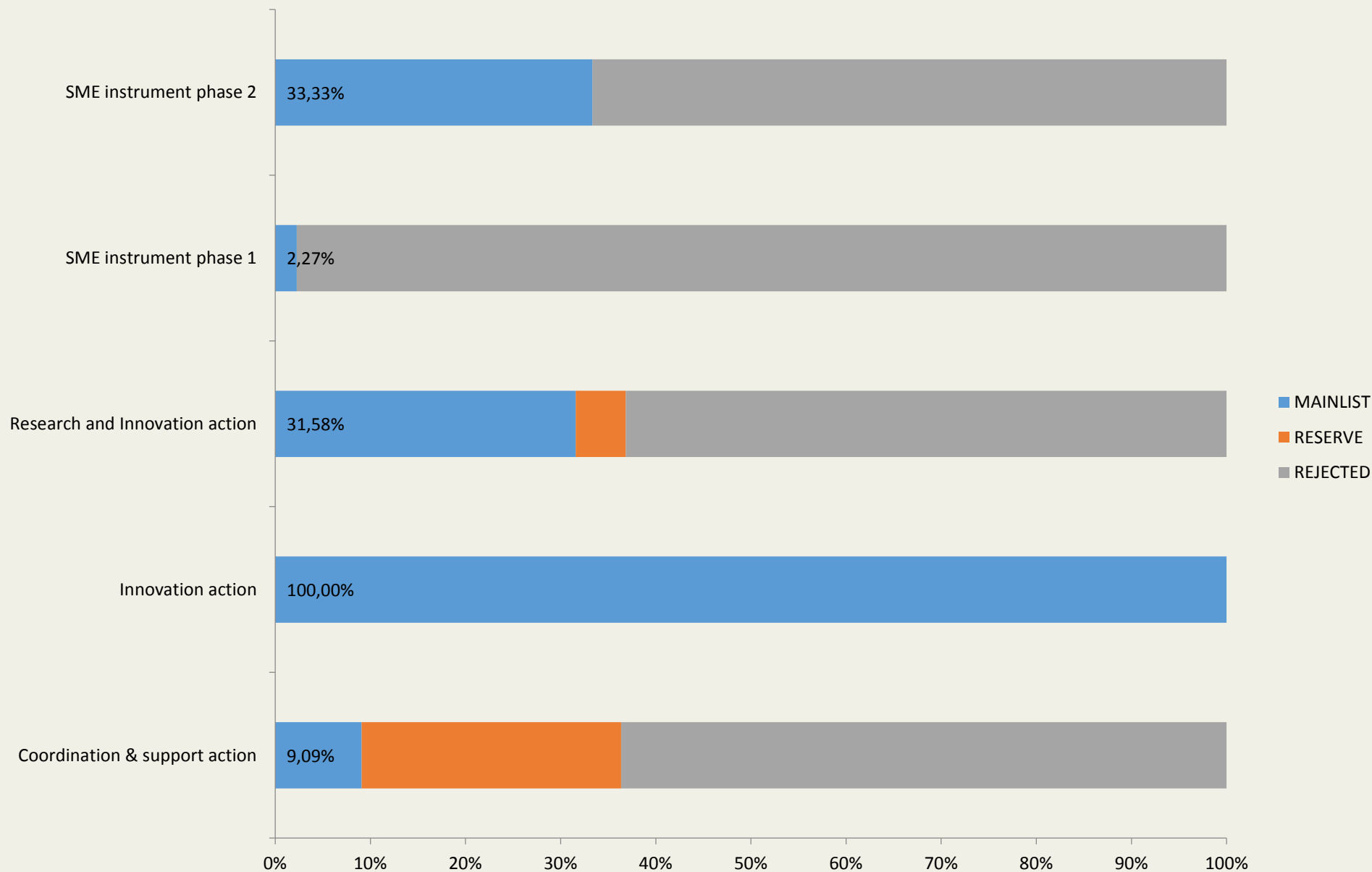
Támogatott szervezetek száma a Smart, green and integrated transport tematikus célkitűzés esetében Magyarországon



sikerarányok a Smart, green and integrated transport tematikus célkitűzés esetében Magyarországon pályázótípusonként (a pályázó szervezetek száma szerint) (%)



sikerarányok a Smart, green and integrated transport tematikus célkitűzés esetében Magyarországon az egyes programtípusok szerint (a pályázó szervezetek száma szerint) (%)



Transport - HU participations in grant agreements

H2020 Project Participants HU - Hungary EU.3.4. - Smart, green and integrated transport All Funding Schemes							
Project Number	Acronym	Call	Action	Organisation Legal Name	Activity Type	SME	Participant EU Financial Contribution (euro)
634149	PROSPECT	MG-2014_2stages	RIA	BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM	HES	N	150000
635998	FLOW	MG-2014_2stages	RIA	BKK BUDAPESTI KOZLEKEDESI KOZPONT ZARTKORUEN MUKODO RESZVENYTARSASAG	PRC	N	138813
635998	FLOW	MG-2014_2stages	RIA	BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM	HES	N	46250
636012	ELIPTIC	MG-2014_2stages	RIA	SZEGEDI KOZLEKEDESI KFT	PRC	N	136500
636012	ELIPTIC	MG-2014_2stages	RIA	SZEGEDI TUDOMANYEGYETEM	HES	N	34813
636071	Smart-Rail	MG-2014_2stages	RIA	CER CARGO HOLDING SE EUROPAI RESZVENYTARSASAG	PRC	Y	82220
636160	OPTIMUM	MG-2014_2stages	RIA	REGIONAL ENVIRONMENTAL CENTER FOR CENTRAL AND EASTERN EUROPE -REC	PUB	N	171750
636220	TIMON	MG-2014_2stages	RIA	GEOX TERINFORMATIKAI KFT	PRC	Y	367875
636307	FLEXOP	MG-2014_2stages	RIA	MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATOINTEZET	REC	N	894750
636427	SocialCar	MG-2014_2stages	RIA	NYUGAT-MAGYARORSZAGI EGYETEM	HES	N	66375
636496	INFRALERT	MG-2014_2stages	RIA	REGENS INFORMATIKAI RESZVENYTARSASAG	PRC	Y	380000
636592	LOWBRASYS	MG-2014_2stages	RIA	FLAME SPRAY HUNGARY FEMIPARI SZOLGALTATO ES KERESKEDELMI KFT	PRC	Y	343700
672860	ELECTRIC_AXLE	SMEINST-1-2014	SME-1	SILEX IPARI AUTOMATIZALASI ZARTKORUEN MUKODO RESZVENYTARSASAG	PRC	Y	50000
673887	Airport IQ	SMEINST-2-2014	SME-2	SLOT CONSULTING KERESKEDELMI, SZOLGALTATO, TANACSADO KFT	PRC	Y	269581
674045	AEROGLOSS	SMEINST-2-2014	SME-2	EU Edge Informatikai Korlatolt Felelossegu Tarsasag	PRC	Y	1100750

Transport -HU Participation in 13 grant agreements

H2020 Signed Grant Agreements - HU - Hungary
Work Programme: EU.3.4. - Smart, green and integrated transport
All Funding Schemes

Project Number	Acronym	Title	Number of Participants	Project EU Financial Contribution (euro)
634149	PROSPECT	PROactive Safety for PEdestrians and CyclisTs	17	6931978
635998	FLOW	Furthering Less Congestion by creating Opportunities for more Walking and cycling	16	3781696
636012	ELIPTIC	Electrification of public transport in cities	33	5988745
636071	Smart-Rail	Smart Supply Chain Oriented Rail Freight Services – Smart-Rail	19	5999213
636160	OPTIMUM	Multi-source Big Data Fusion Driven Proactivity for Intelligent Mobility	19	5966186
636220	TIMON	Enhanced real time services for an optimized multimodal mobility relying on cooperative networks and open data	11	5605213
636307	FLEXOP	Flutter Free FLight Envelope eXpansion for ecOnomical Performance improvement	9	6692164
636427	SocialCar	Open social transport network for urban approach to carpooling	26	5384646
636496	INFRALERT	LINEAR INFRASTRUCTURE EFFICIENCY IMPROVEMENT BY AUTOMATED LEARNING AND OPTIMISED PREDICTIVE MAINTENANCE TECHNIQUES	7	3183244
636592	LOWBRASYS	a LOW environmental impact BRAke SYStem	10	7436850
672860	ELECTRIC_AXLE	Electric axle for hybrid / electric commercial vehicles	1	50000
673887	Airport IQ	Situation-Aware Mobile Platform for Airport Collaborative Decision-Making	3	1963231
674045	AEROGLOSS	Augmented reality aerial navigation for a safer and more effective aviation	1	1100750

Flexop – Hungarian coordination

- Developing multidisciplinary aircraft design capabilities for Europe that will increase competitiveness with emerging markets -particularly in terms of aircraft development costs by:
 - (a) improving efficiency of currently existing wing, (b) developing methods and tools for very accurate flutter modeling and flutter control synthesis, (c) validating the accuracy of developed tools and methods on an affordable experimental platform, followed by a scale-up study, demonstrating the interdisciplinary development cycle.

Project start: 01-06-2015

Project end: 30-11-2018

Total project cost: 6.69 M€

1	HU	MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATOINTEZET
2	DE	AIRBUS DEFENCE AND SPACE GMBH
3	UK	AIRBUSGROUP LIMITED
4	DE	DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV
5	AT	FISCHER ADVANCED COMPOSITE COMPONENTS AG*FACC AG
6	EL	INASCO HELLAS ETAIREIA EFARMOSMENON AERODIASTIMIKON EPISTIMON EE
7	NL	TECHNISCHE UNIVERSITEIT DELFT
8	DE	TECHNISCHE UNIVERSITAET MUENCHEN
9	UK	UNIVERSITY OF BRISTOL

[More information: http://cordis.europa.eu/project/rcn/193394_en.html](http://cordis.europa.eu/project/rcn/193394_en.html)

Hungarian participation in 2015 calls

- No complete overview yet
- Up to now 8 participations of which 2 successful:

MG-1.8-2015	RIA	690811	VISION	Validation of Integrated Safety-enhanced Intelligent flight cONtrol	Partner	HU	MTA SZTAKI
MG-9.1-2015	CSA	690732	MOBILITY4EU	Action Plan for the future of Mobility in Europe	Partner	HU	Mozgássérültek Budapesti Egyesülete

Conclusions

- Participation in 2014 good
- Participation in 2015 up to now moderate
- Hungary can be a valuable partner to the H2020 Transport programme and can even take the coordination of EU projects

Jelentkezzen az Európai Bizottság kutatási és innovációs szakértői adatbázisába!

<http://nkfi.gov.hu/nemzetkozi-tevekenyseg/horizont-2020/jelentkezzen-ertekelonek>

- Az Európai Bizottság várja olyan értékelők jelentkezését, akik közreműködnének a Horizont 2020-as kutatási és innovációs pályázatok elbírálásában, valamint a programok, projektek értékelésében, monitorozásában. Az erről szóló felhívás elérhető a „[Research and Innovation Participant Portal](#)”-on.
- Felhívjuk a figyelmet, hogy az FP7 értékelői adatbázisban szereplő szakértők esetében is szükséges az adatok frissítése, a Horizont 2020 program követelményeinek megfelelő kiegészítése.
- Az értékelői tevékenységgel kapcsolatos további információk valamint az értékelői felhívások az alábbi linkeken érhetőek el:
http://ec.europa.eu/research/participants/data/support/h2020_call-individual_experts_oj_c342_03.pdf
<http://ec.europa.eu/research/participants/portal/desktop/en/support/faq.html#f13>
- Bővebb információért, tájékoztatásért forduljon bizalommal a Horizont 2020 nemzeti kapcsolattartóihoz (NCP): <http://www.h2020.gov.hu/horizont2020-program/nemzeti-kapcsolattarto>

Elérhetőségek:

Bajdor Gyöngy Katalin
főtanácsos

Horizon 2020 TRANSPORT NCP és PC szakértő

Nemzetközi Főosztály

Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal

1077 Budapest, Kéthly Anna tér 1

Tel.: + 36 1 896 3749

e-mail: katalin.bajdor@nkfih.gov.hu

Internet: www.nkfih.gov.hu



HORIZON 2020

2015 Mobility for Growth Calls

First wave of 2015 calls

Outcome of Evaluations

Second wave of 2015 calls

Outcome of Submission



H2020 Transport... in 2015

- 3 Mobility for Growth calls (€184 million)
 - 1 Two-Stage Call - 7 topics for €144.5 million
 - 2 Single-Stage Calls – 9 topics for €39.5 million
- 1 Green Vehicles call (€30 million)
 - 1 Single-Stage call – 2 topics
- *Contribution to Smart Cities and Communities (€21.5 million)*
- *Contribution to Blue Growth (€4 million)*

TOTAL BUDGET OF €239.5 MILLION...

H2020-MG-2015-TwoStages – Two Stage Call – 1st Deadline 23 April 2015

- MG-1.2-2015: Enhancing resource efficiency of aviation
- MG-3.6a-2015: Safe and connected automation in road transport
- MG-4.3-2015: System modelling and life-cycle cost optimisation for waterborne assets
- MG-5.4-2015: Strengthening the knowledge and capacities of local authorities
- MG-5.5a-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility
- MG-6.3-2015: Common communication and navigation platforms for pan-European logistics applications
- MG-8.4a-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation

H2020-MG-2015-Single stage

H2020-MG-2015-SingleStage-A – Single Stage Call – Call Deadline 23 April 2015

- MG-1.10-2015: International cooperation in aeronautics with China
- MG-1.8-2015: International cooperation in aeronautics with Japan
- MG-1.9-2015: International cooperation in aeronautics with Canada
- MG-9.1-2015: Transport societal drivers
- MG-9.5-2015: Fostering transnational cooperation in European transport research and innovation – NCP network

H2020-MG-2015-SingleStage-B – Single Stage Call – Call Deadline 15 October 2015

- MG-3.6b-2015: Safe and connected automation in road transport
- MG-5.5b-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility
- MG-8.3-2015: Facilitating market take up of innovative transport infrastructure solutions
- MG-8.4b-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation

H2020-MG-2015-Single stage

H2020-GV-2015 – Single Stage Call – Call Deadline 15 October 2015

- GV-6-2015: Powertrain control for heavy-duty vehicles with optimised emission
- GV-8-2015: Electric vehicles' enhanced performance and integration into the transport system and the grid

H2020-SC-2015-1 – Call Deadline 5 May 2015

- SCC-01-2015: Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects

H2020-BG-2015 – Call Deadline 3 February 2015

- BG-07-2015: Response capacities to oil spills and marine pollutions

1ST WAVE OF CALLS

2015 Mobility for Growth

CALL DEADLINE – 23 APRIL

- **H2020-MG-2015-TwoStages**
 - Budget: € 144,5 million distributed over 7 topics
 - Activities: Aviation, Road Automation, Waterborne, Urban Mobility, Logistics and Infrastructure
- **H2020-MG-2015-SingleStage-A**
 - Budget: €21 million distributed over 5 topics
 - Activities: International Cooperation in Aeronautics (China, Japan, Canada), Societal Drivers (CSA), Transport NCP (CSA)

Mobility for Growth

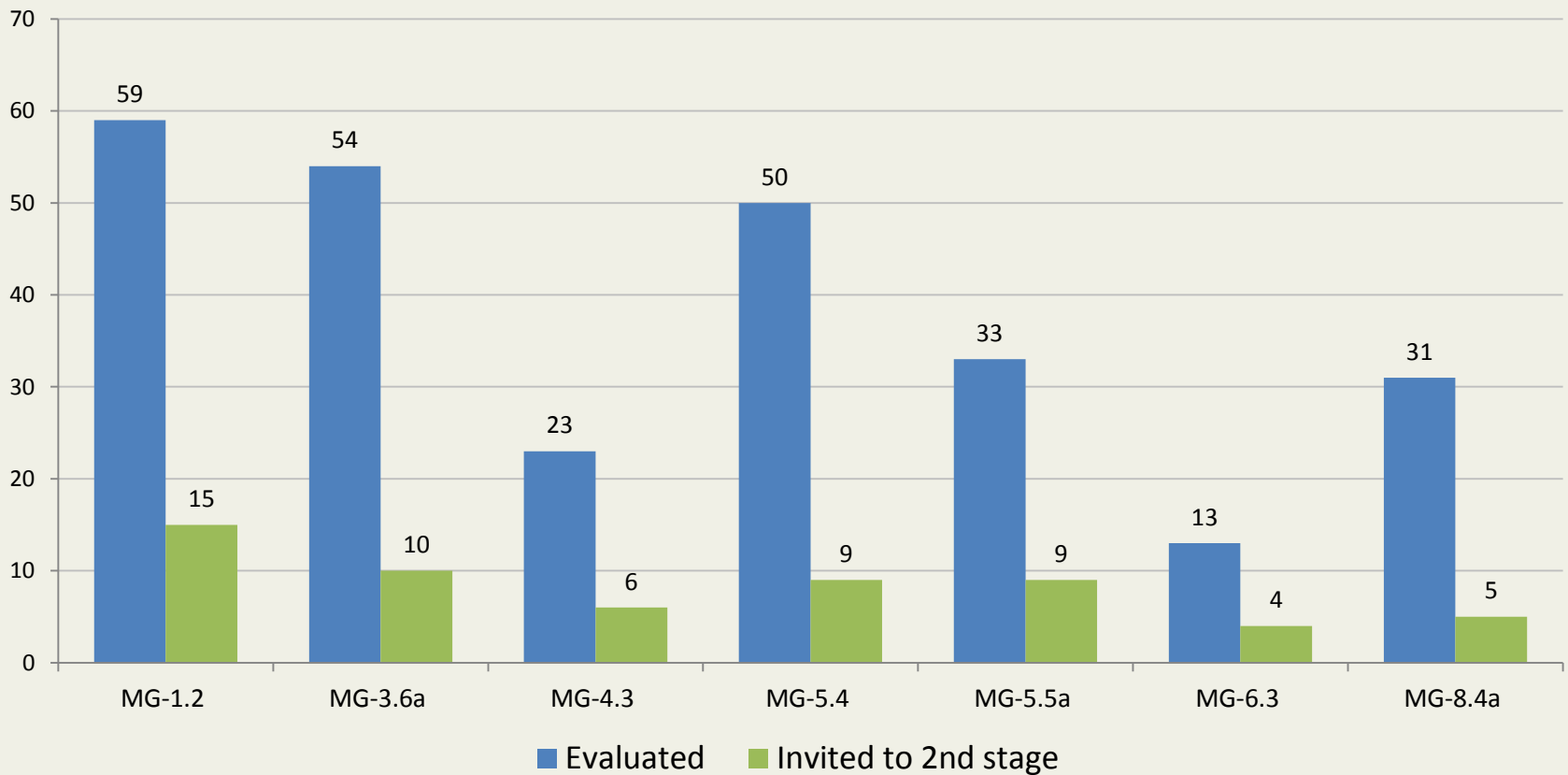
First wave of 2015 calls

OUTCOME OF EVALUATIONS

H2020-MG-2015-TwoStages

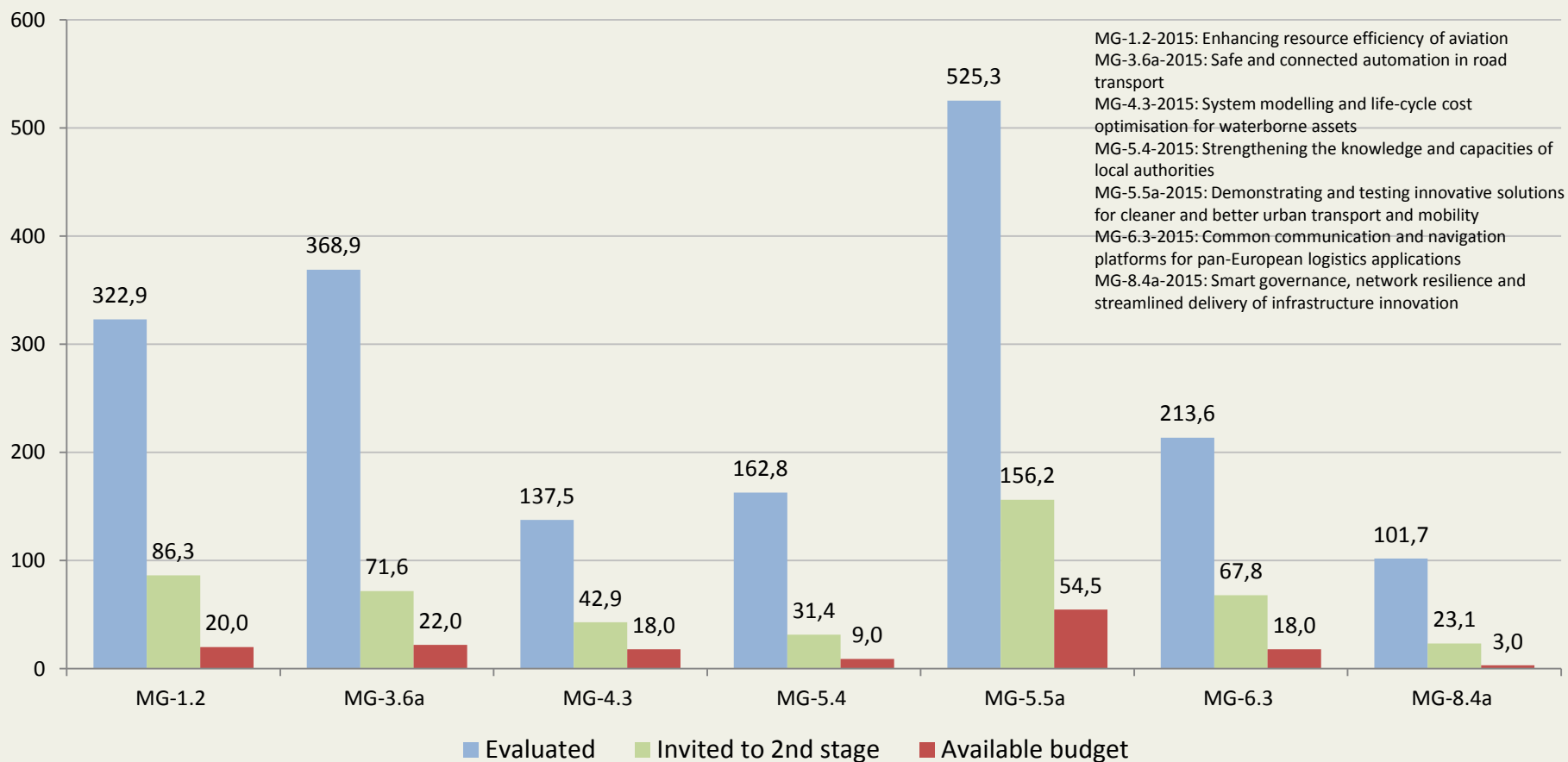
Proposals evaluated vs Invited to second stage (per topic)

Total: 263 evaluated; 58 invited to 2nd stage



Requested funding of evaluated vs Invited to second stage €M

Total: €1,833M requested; €479M invited to 2nd stage



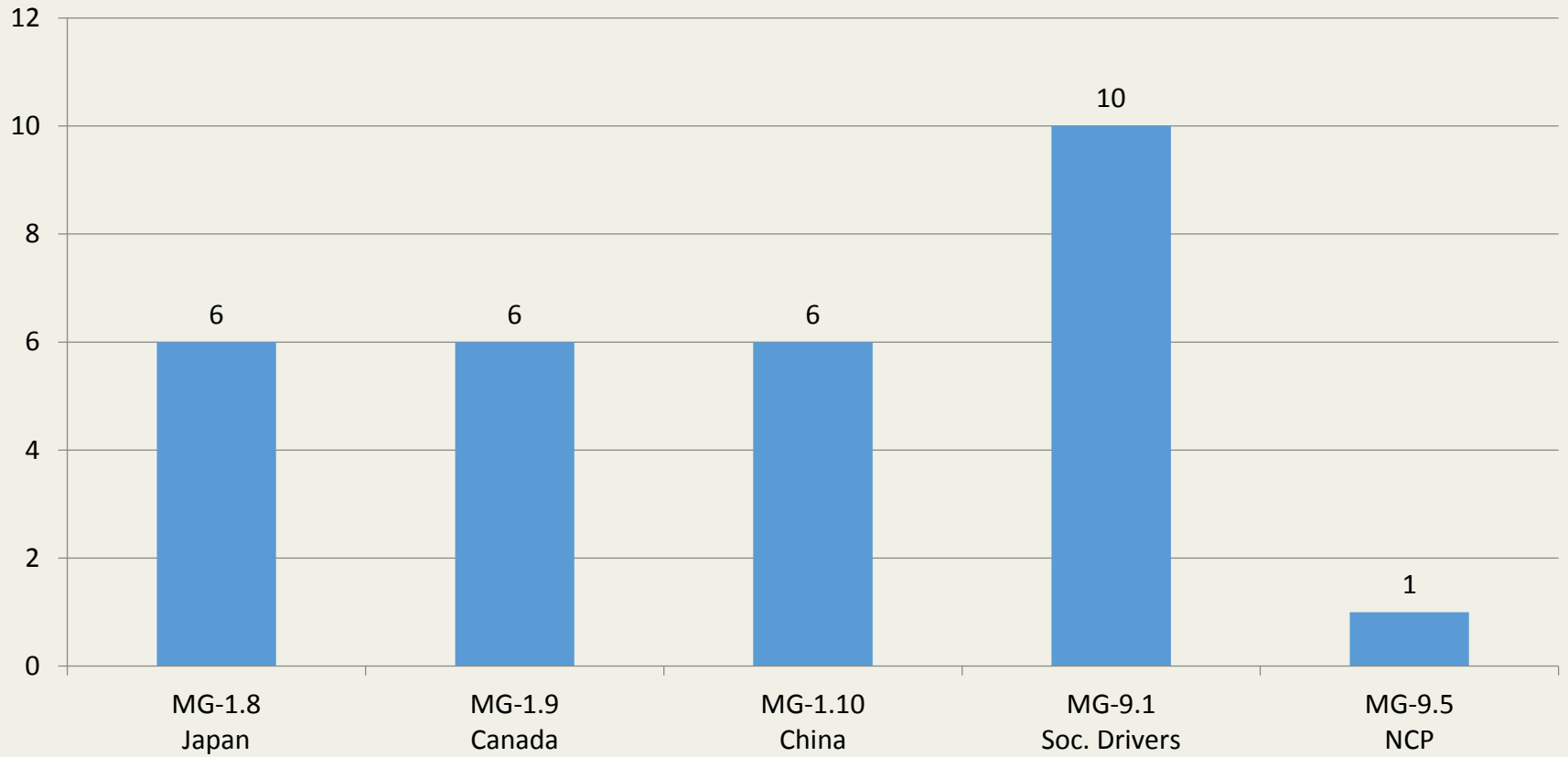
Mobility for Growth

First wave of 2015 calls

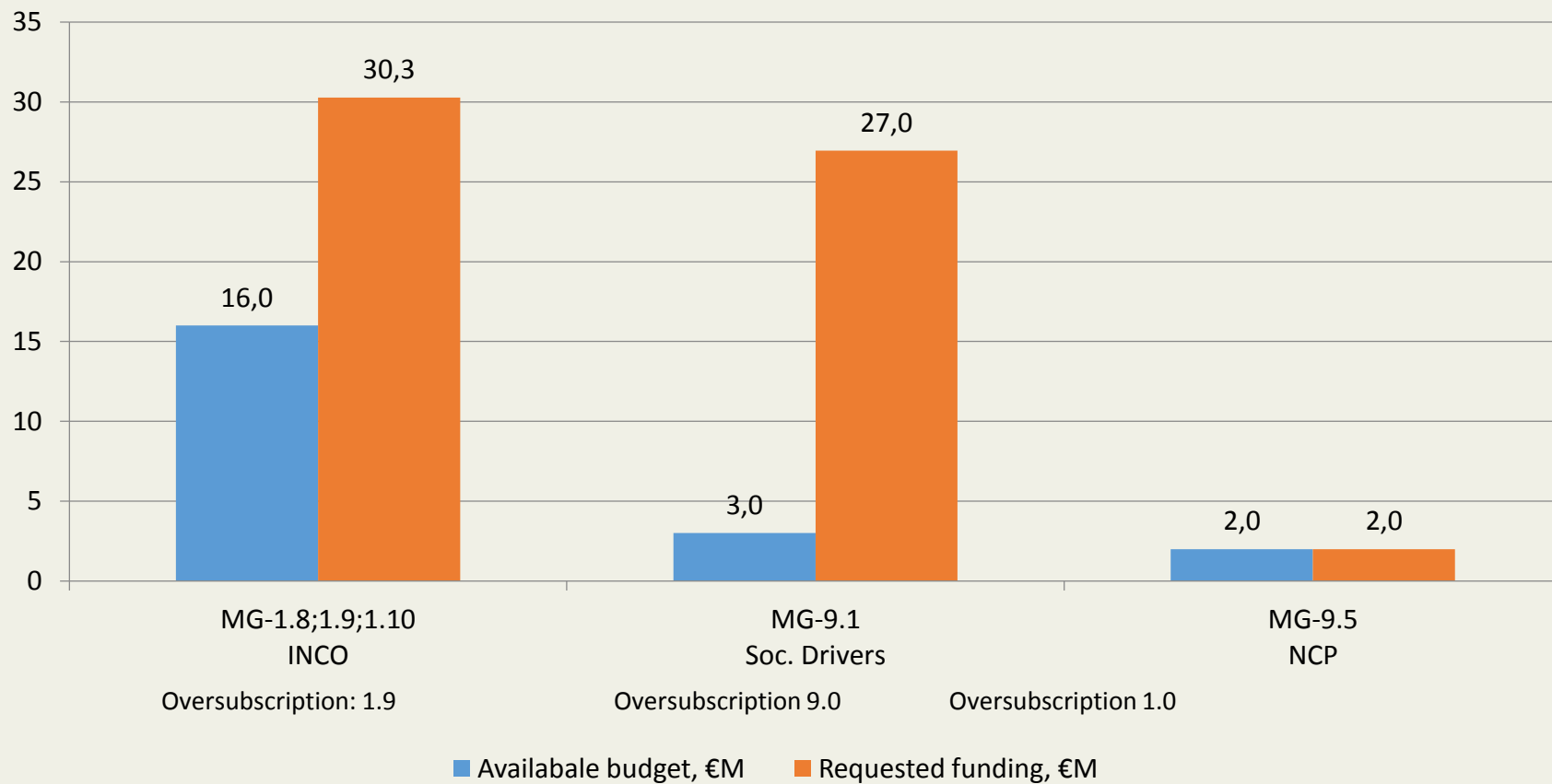
OUTCOME OF EVALUATIONS

H2020-MG-2015-SingleStage-A

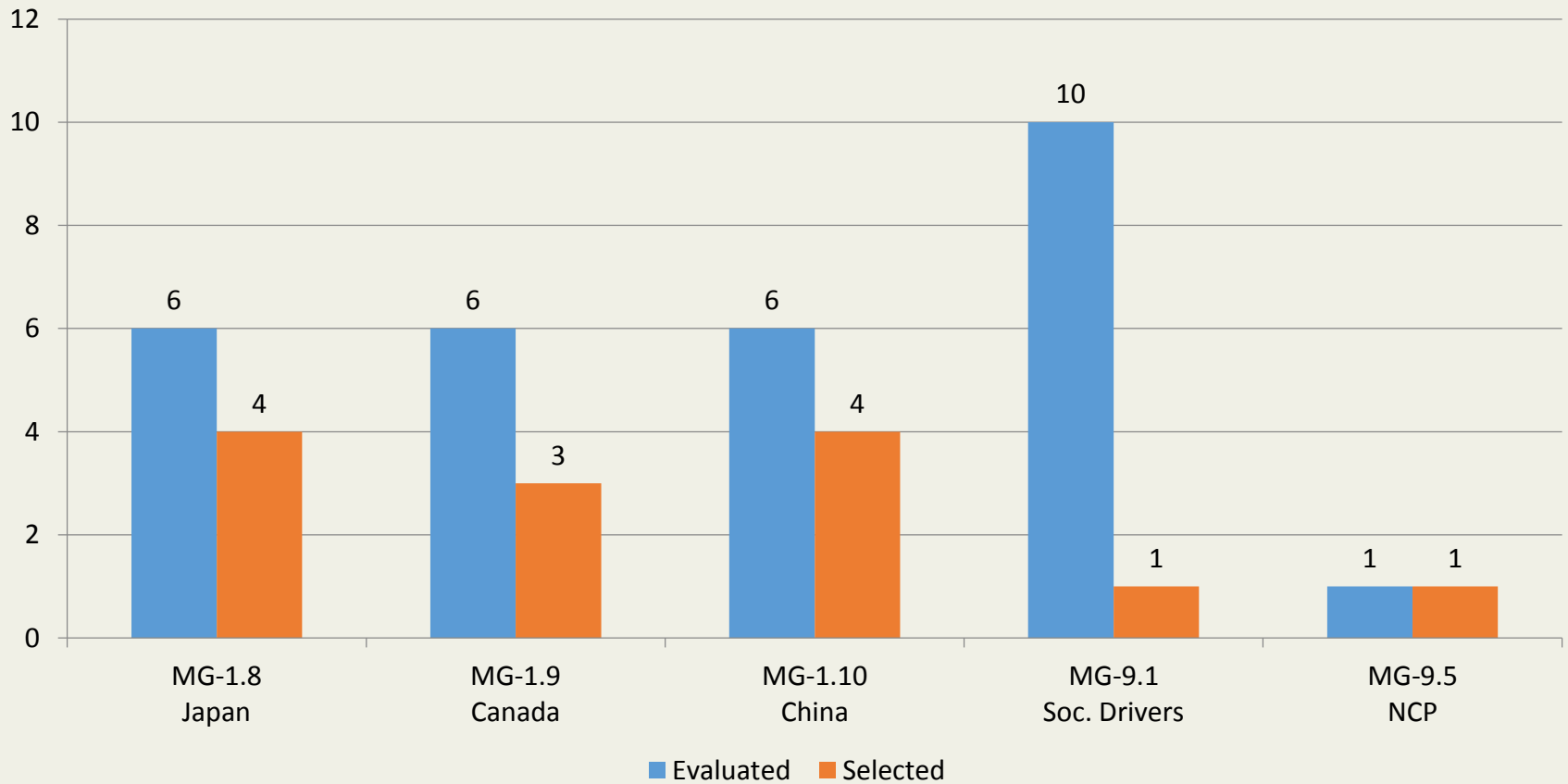
Number of proposals evaluated per topic
Total = 29



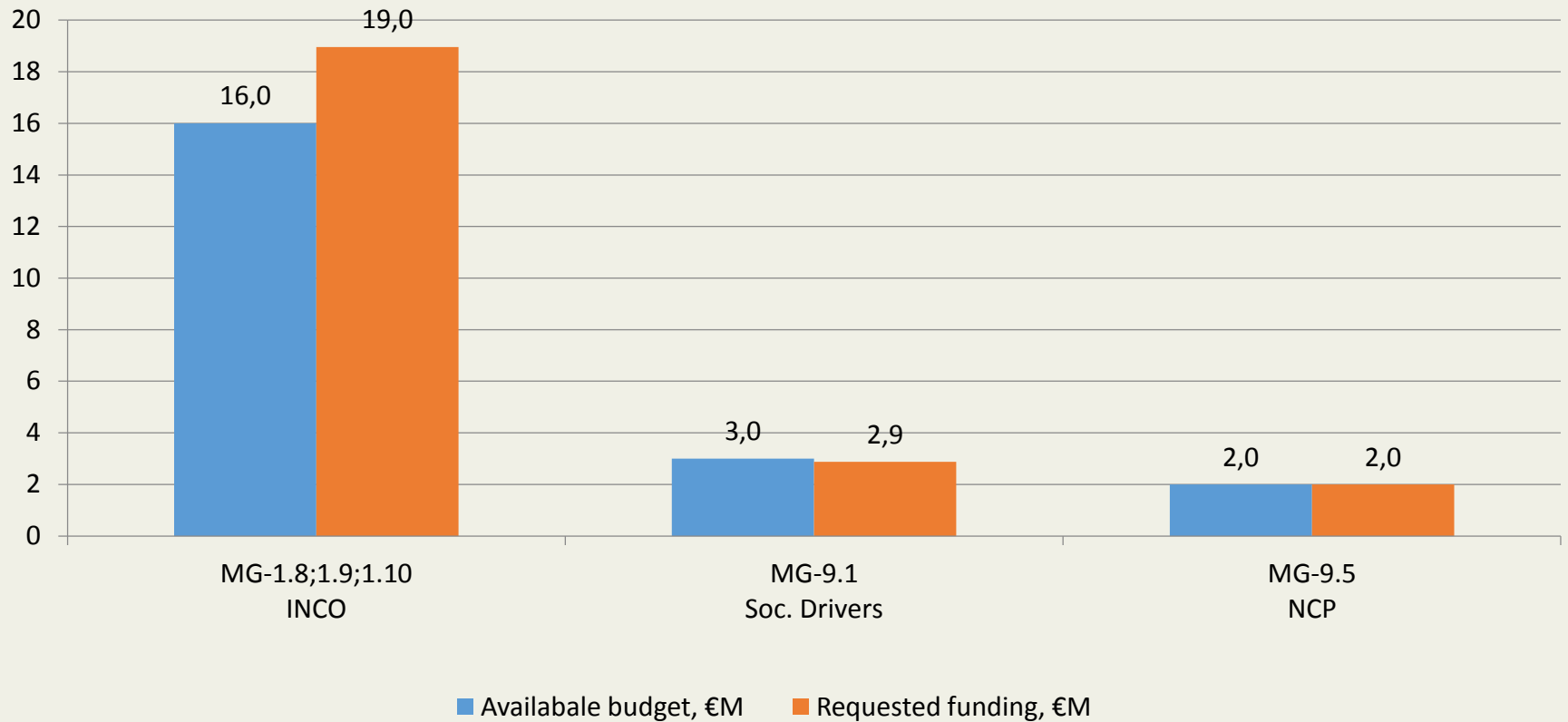
Available budget vs Requested funding (€M) Total oversubscription: 2.8



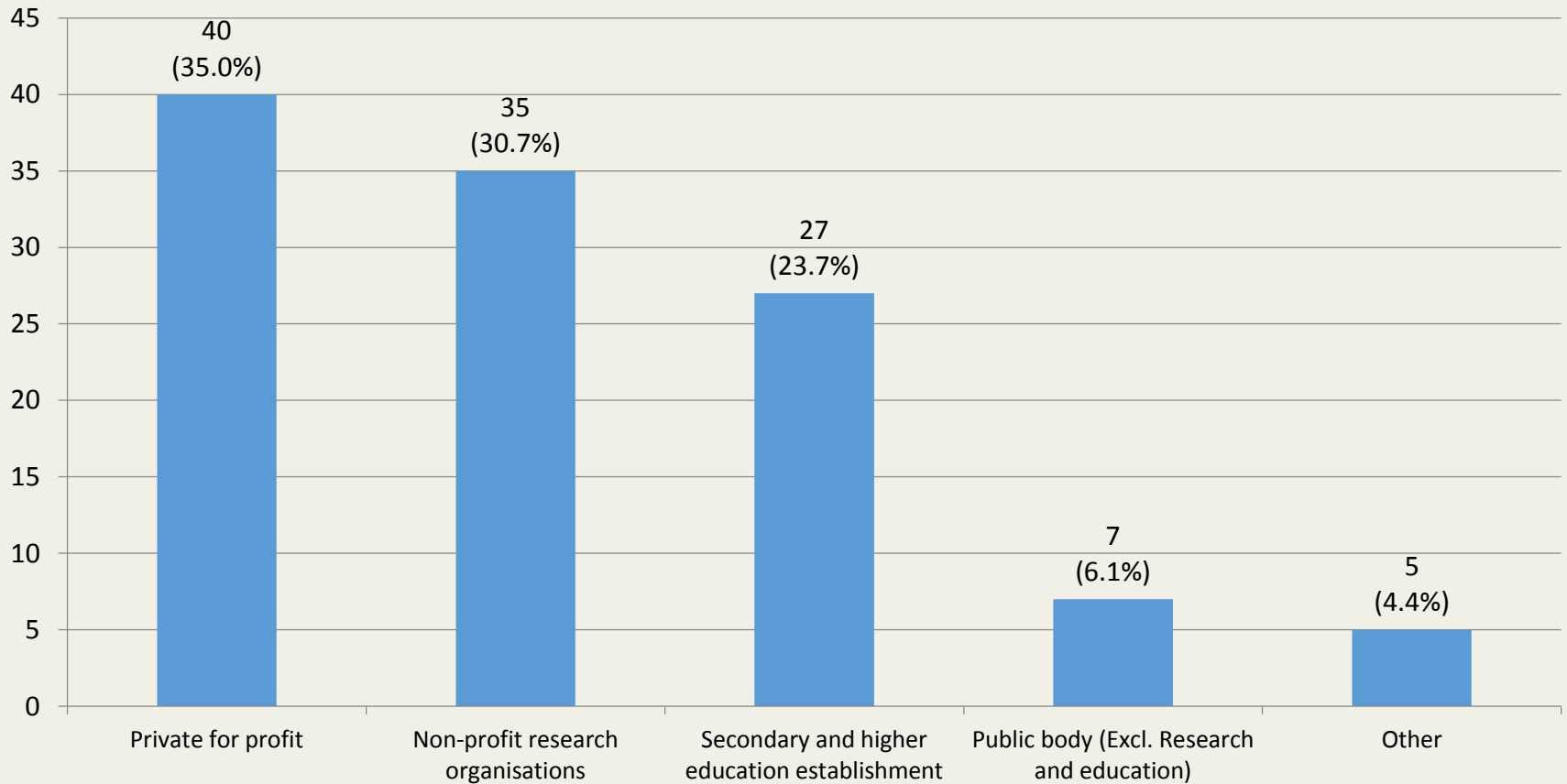
Number of proposals evaluated vs selected per topic
Total: Evaluated: 29 - Selected: 13



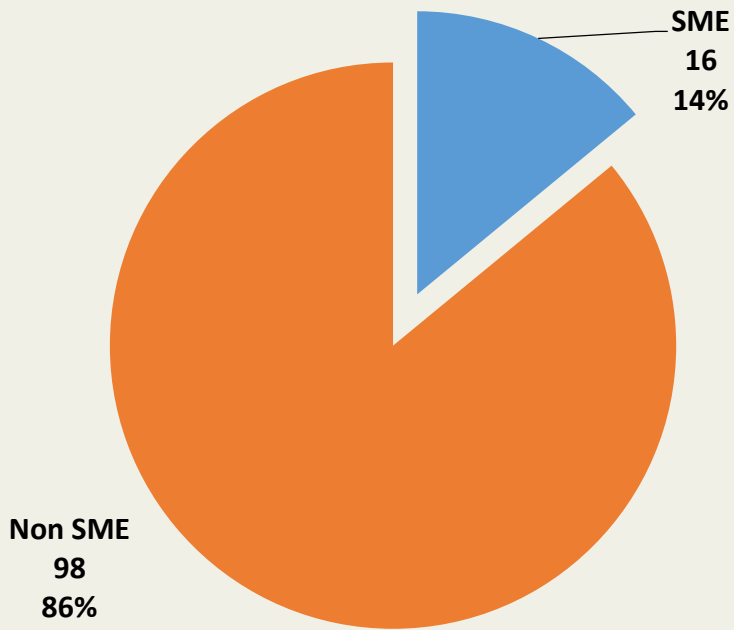
Available budget vs Requested funding (€M)
Total budget available: €21 M - Total budget requested: €23.8 M



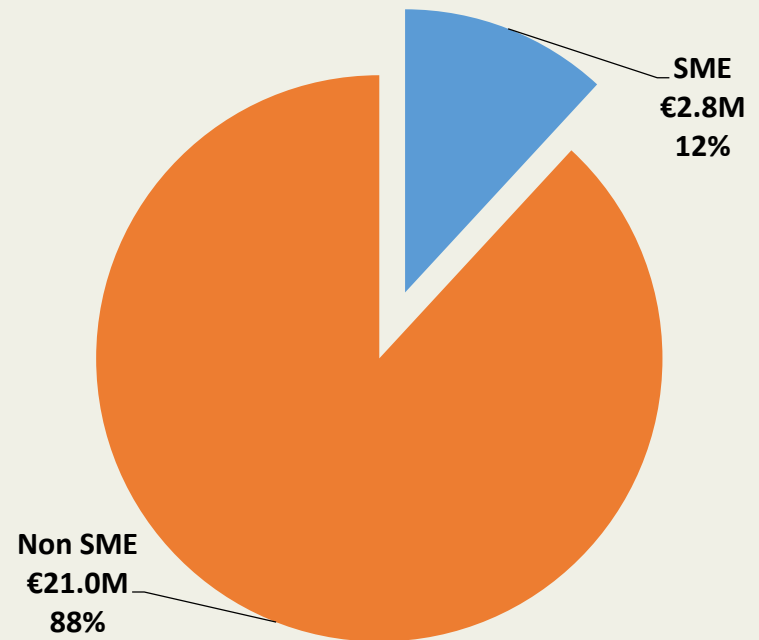
Proposals selected - Type of applicant
Total: 114 applicants



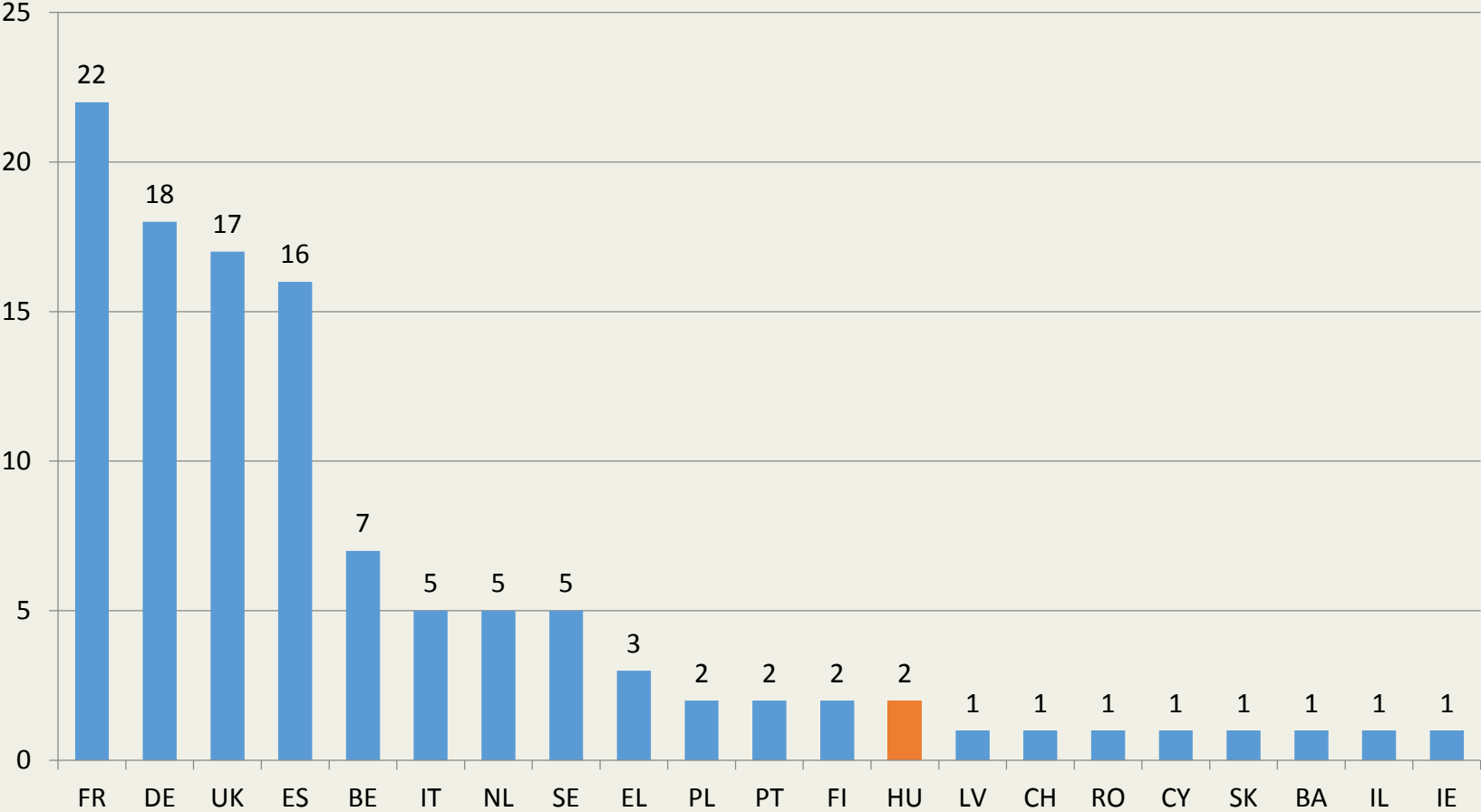
Share of SME beneficiaries
Total: 114 beneficiaries



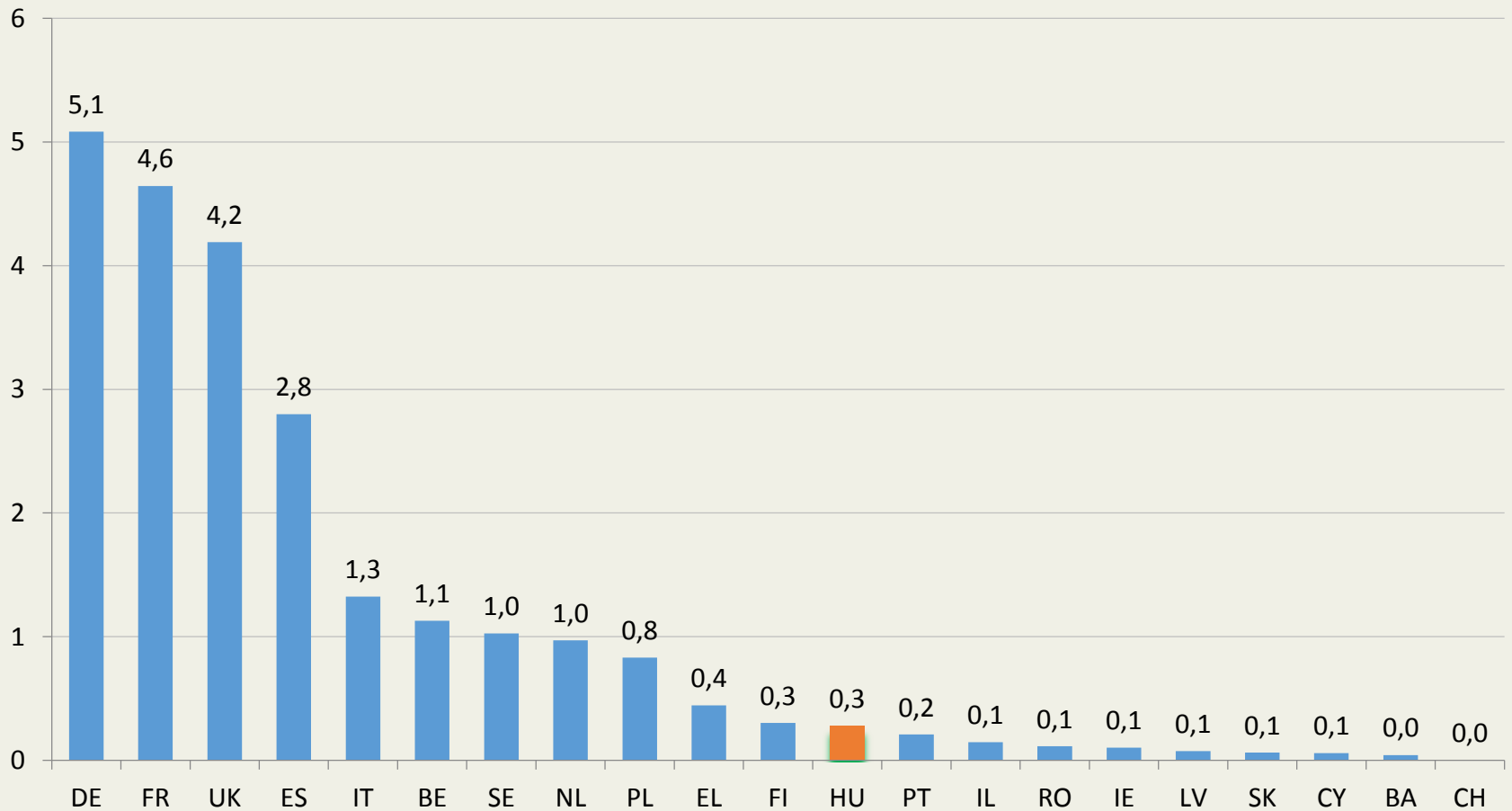
Share of funding
SME vs Non SME beneficiaries



Participations per country of beneficiary



Funding (€M) per country of beneficiary



2ND WAVE OF CALLS

2015 Mobility for Growth – 2nd Wave

CALL DEADLINE – 15 OCTOBER

- **H2020-MG-2015-TwoStages – 2nd Stage**
 - Budget: €144,5 million distributed over 7 topics
 - Activities: Aviation, Road Automation, Waterborne, Urban Mobility, Logistics and Infrastructure
 - Opening: 17 July 2015
 - Deadline: 15 October 2015
- **H2020-MG-2015-SingleStage-B**
 - Budget: €18,5 million distributed over 4 topics
 - Activities: Road Automation (CSA), Urban Mobility Demo and Testing (CSA), Infrastructure PPI, Infrastructure governance, resilience and streamlined delivery (CSA).
 - Opening: 24 June 2015
 - Deadline: 15 October 2015

2015 Green Vehicles

CALL DEADLINE – 15 OCTOBER

- **H2020-GV-2015**
 - Budget: €30 million distributed over 2 topics
 - Activities: Powertrain control for heavy-duty vehicles, enhanced performance and integration.
 - Opening: 24 June 2015
 - Deadline: 15 October 2015

Mobility for Growth

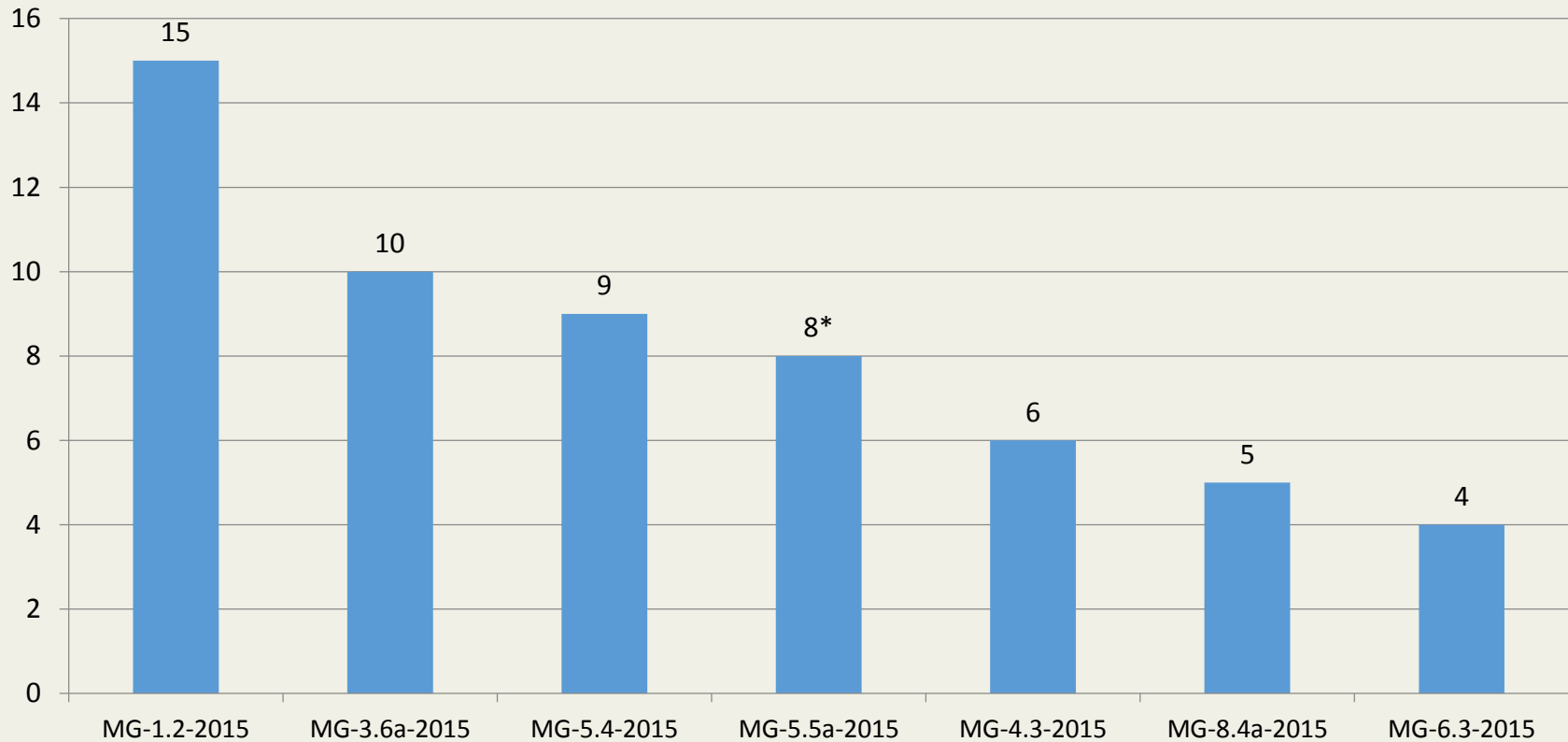
Second wave of 2015 calls

OUTCOME OF SUBMISSIONS

H2020-MG-2015-TwoStages

Number of proposals submitted per topic

Total = 57

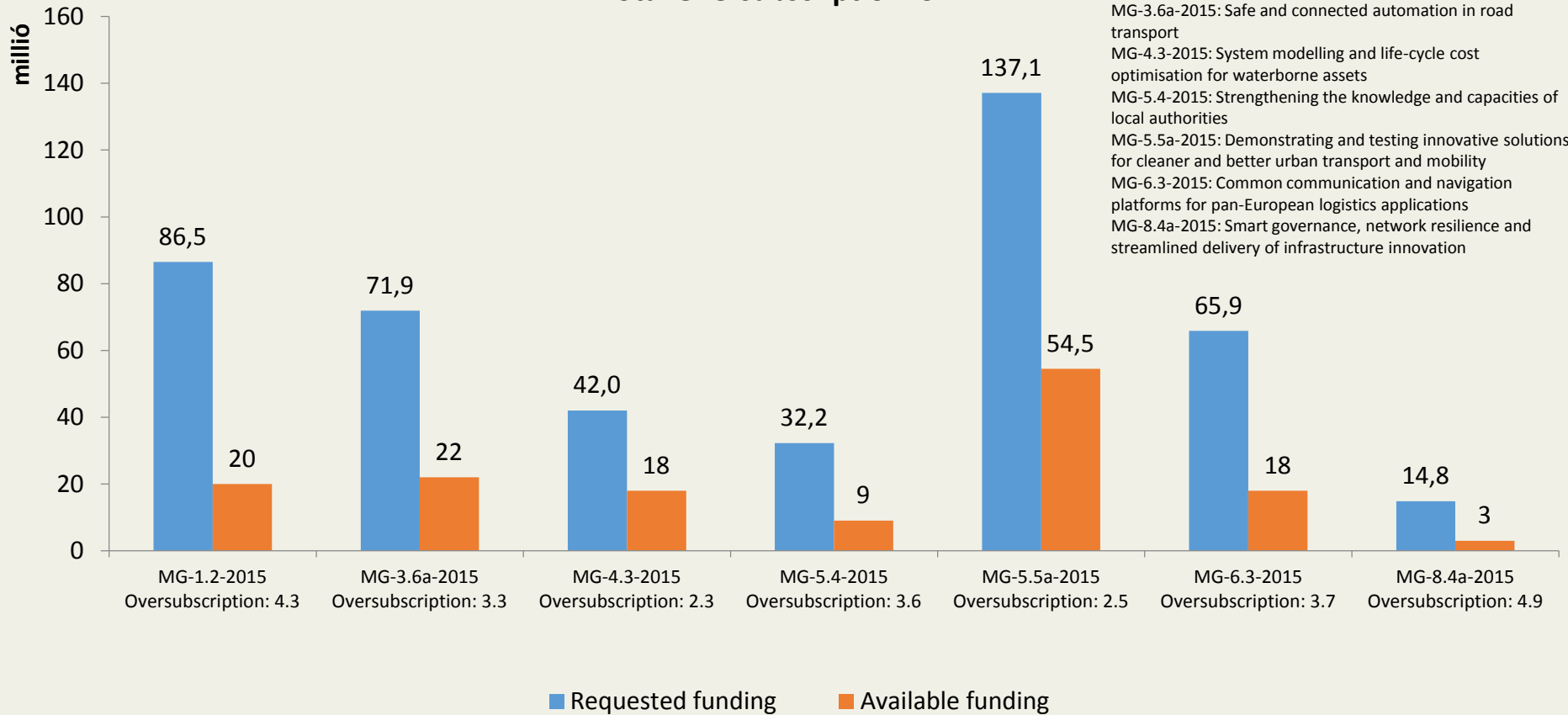


MG-1.2-2015: Enhancing resource efficiency of aviation
MG-3.6a-2015: Safe and connected automation in road transport
MG-4.3-2015: System modelling and life-cycle cost optimisation for waterborne assets
MG-5.4-2015: Strengthening the knowledge and capacities of local authorities
MG-5.5a-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility
MG-6.3-2015: Common communication and navigation platforms for pan-European logistics applications
MG-8.4a-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation

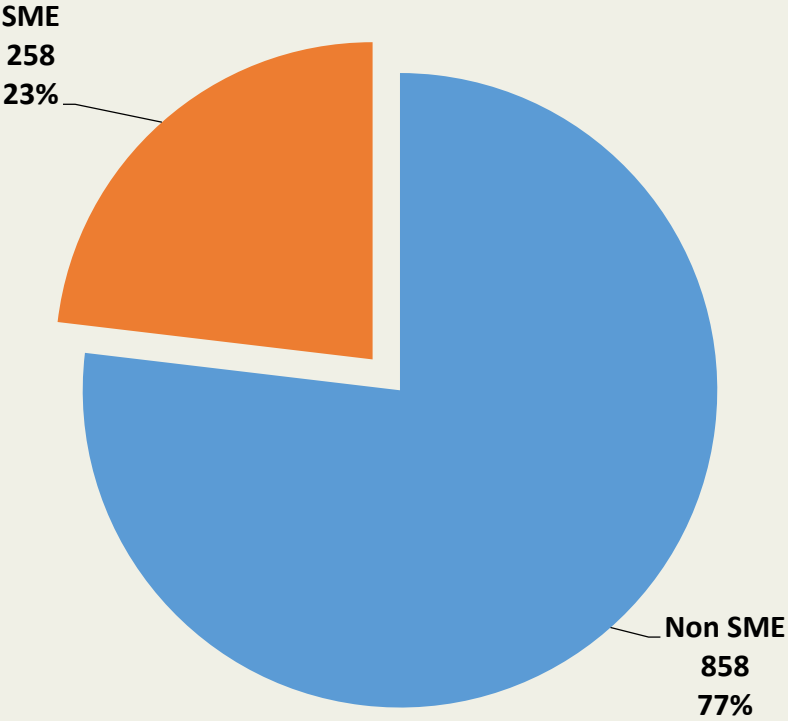
Requested funding vs. Available budget (€ Million)

Total Oversubscription: 3.1

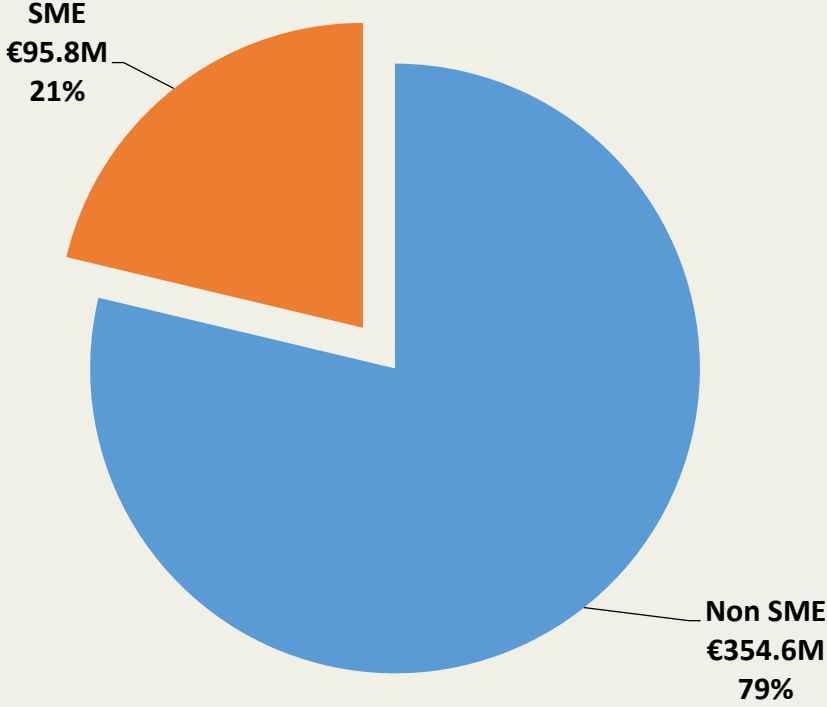
MG-1.2-2015: Enhancing resource efficiency of aviation
 MG-3.6a-2015: Safe and connected automation in road transport
 MG-4.3-2015: System modelling and life-cycle cost optimisation for waterborne assets
 MG-5.4-2015: Strengthening the knowledge and capacities of local authorities
 MG-5.5a-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility
 MG-6.3-2015: Common communication and navigation platforms for pan-European logistics applications
 MG-8.4a-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation



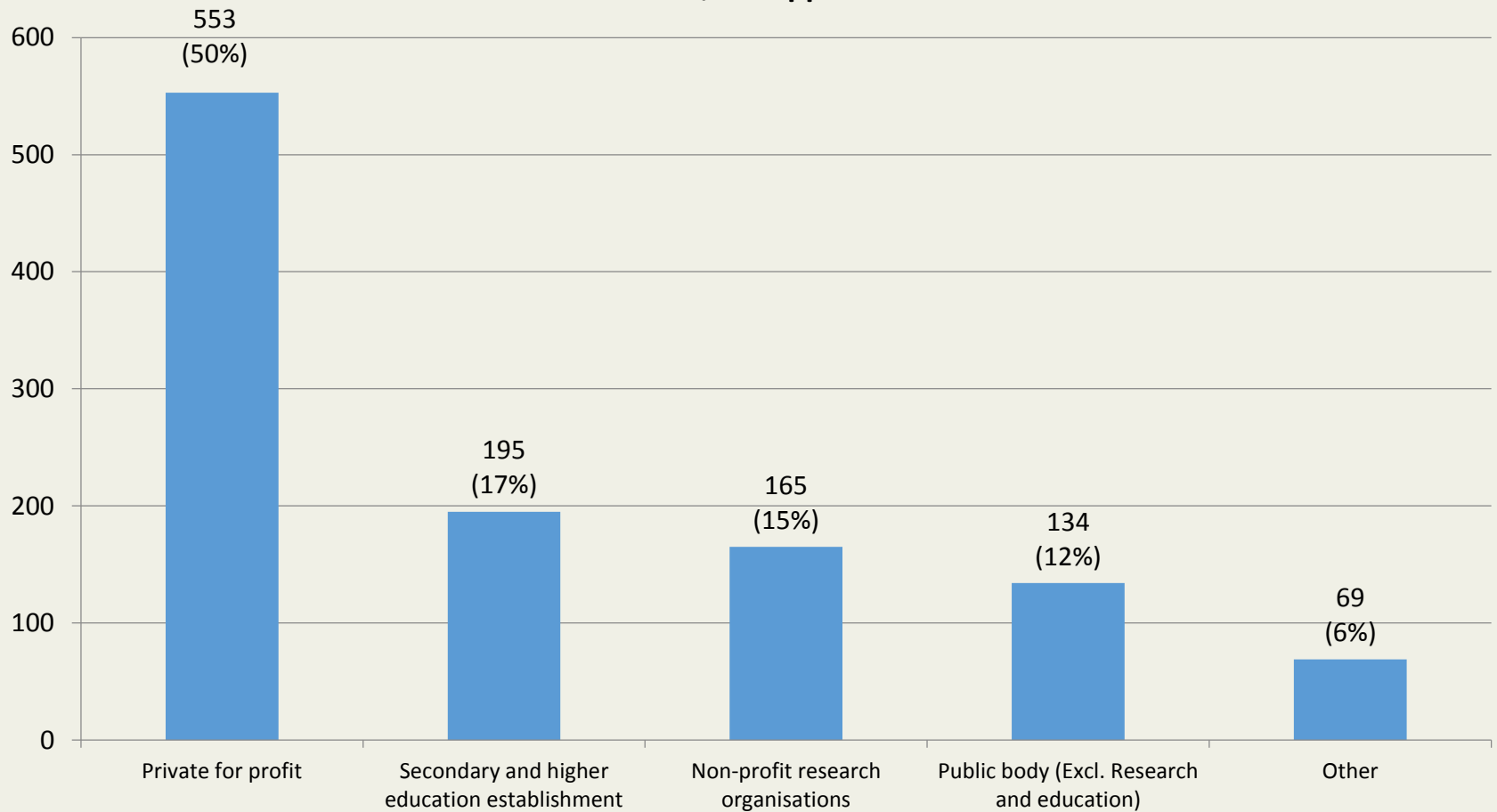
Proposals submitted - SME applicants
Total: 1,116 applicants



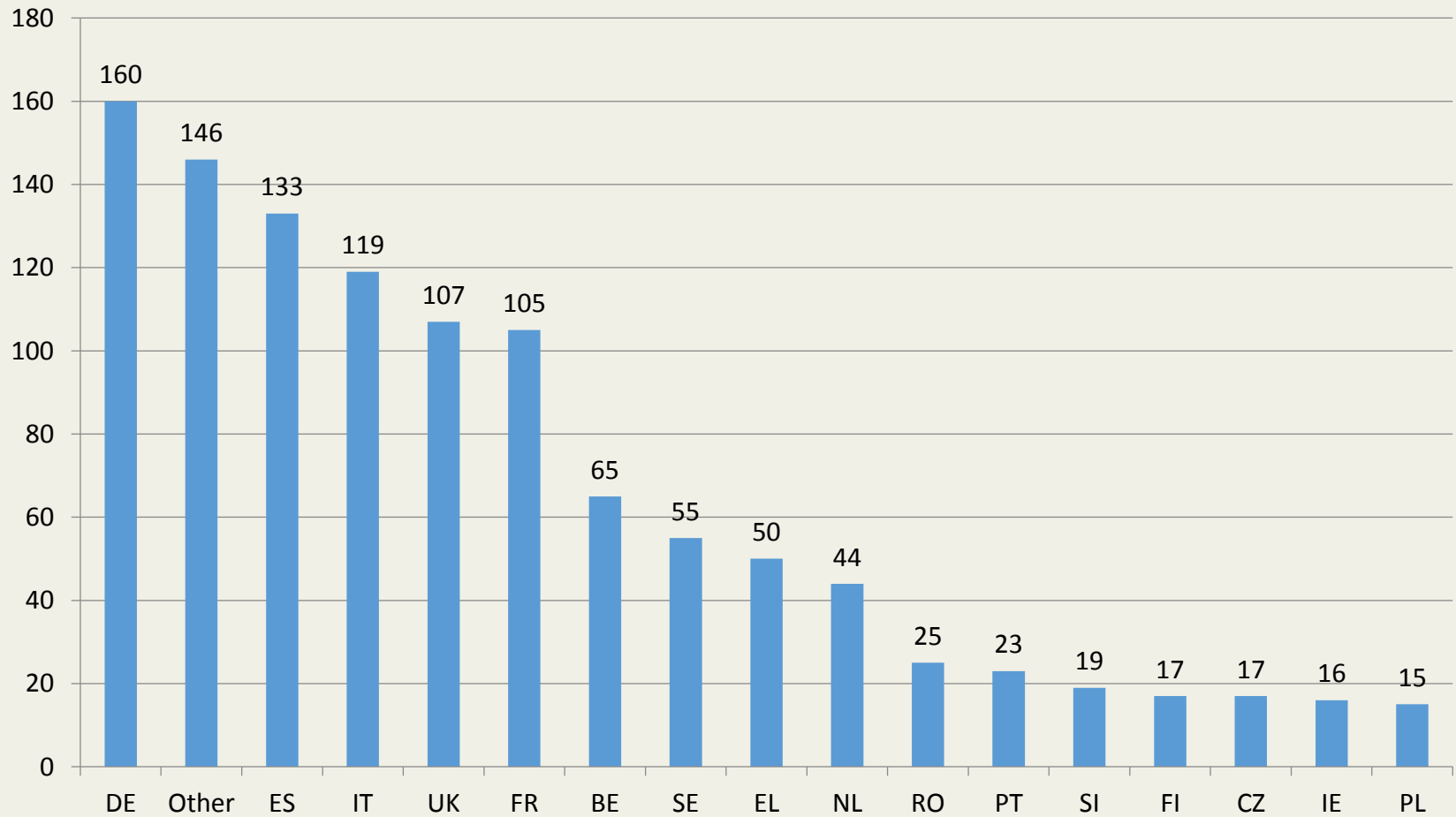
Share of funding
SME vs Non SME applicants



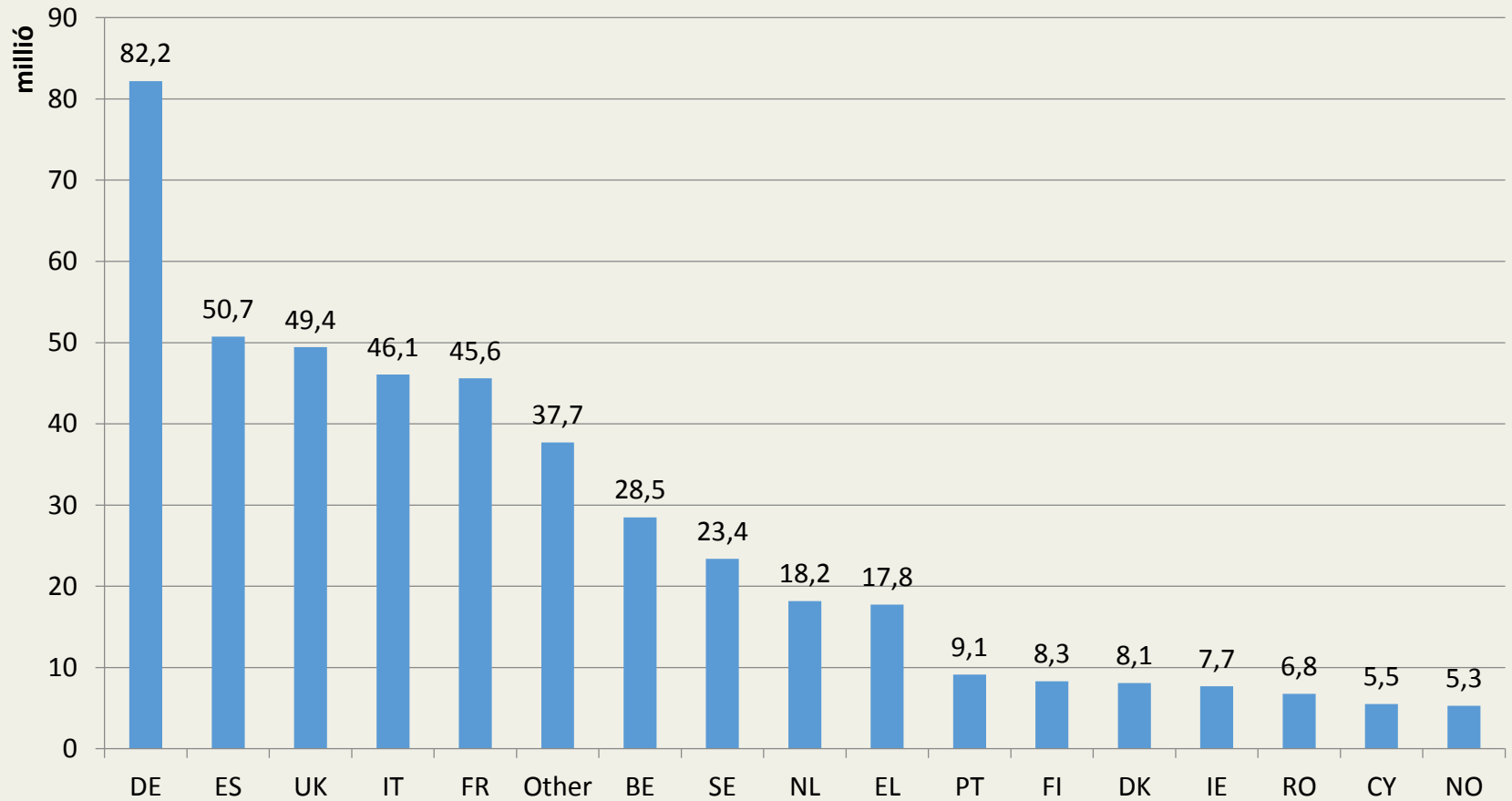
Proposals submitted - Type of applicant
Total: 1,116 applicants



Participations per country of applicant



Funding (€M) per country of applicant



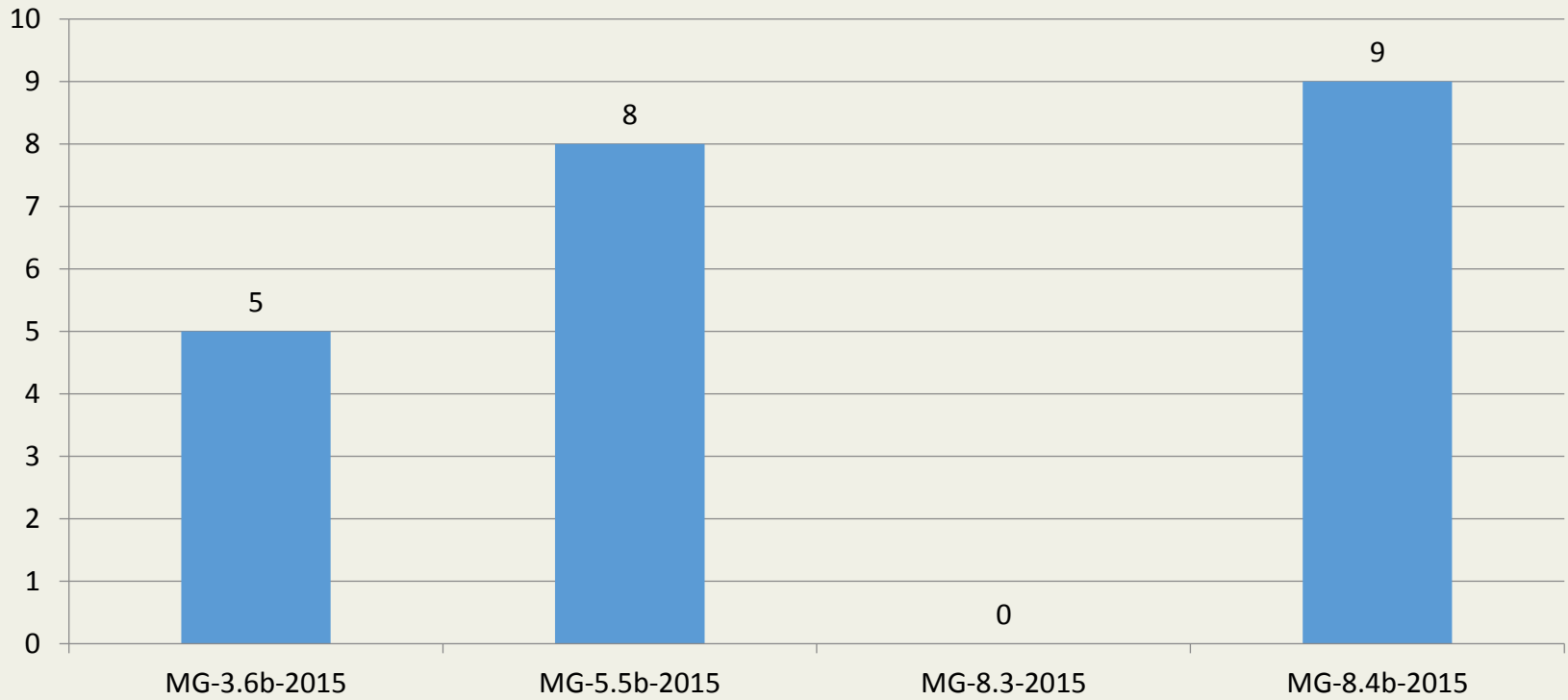
Mobility for Growth

Second wave of 2015 calls

OUTCOME OF SUBMISSIONS

H2020-MG-2015-SingleStage-B

Number of proposals submitted per topic
Total=22



Requested funding vs. Available budget (€ Million)

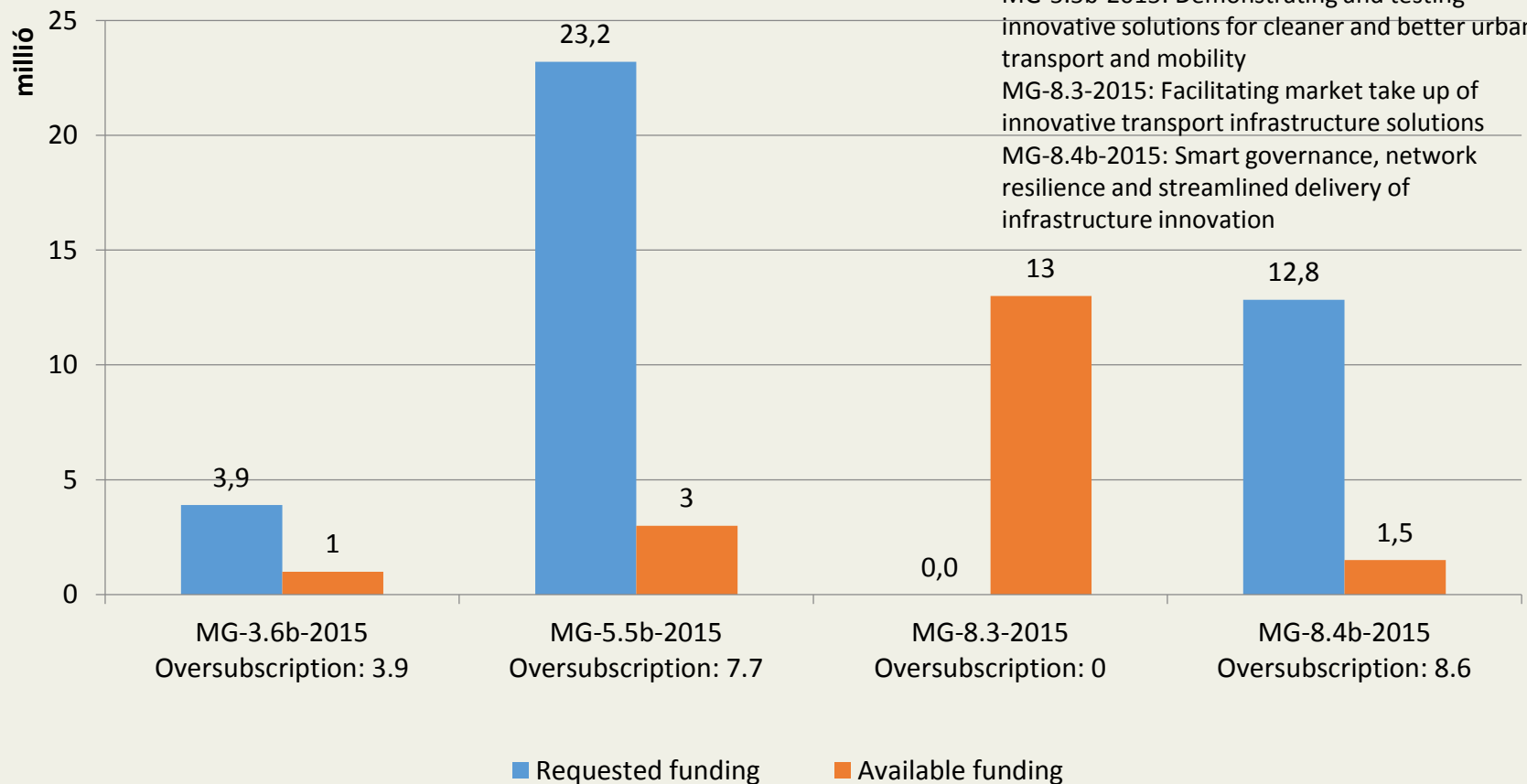
Total Oversubscription: 2.2

MG-3.6b-2015: Safe and connected automation in road transport

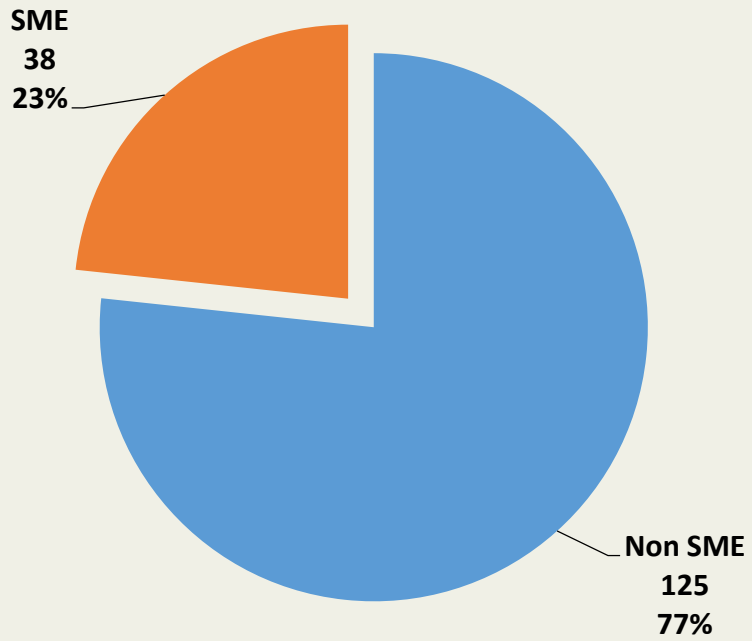
MG-5.5b-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility

MG-8.3-2015: Facilitating market take up of innovative transport infrastructure solutions

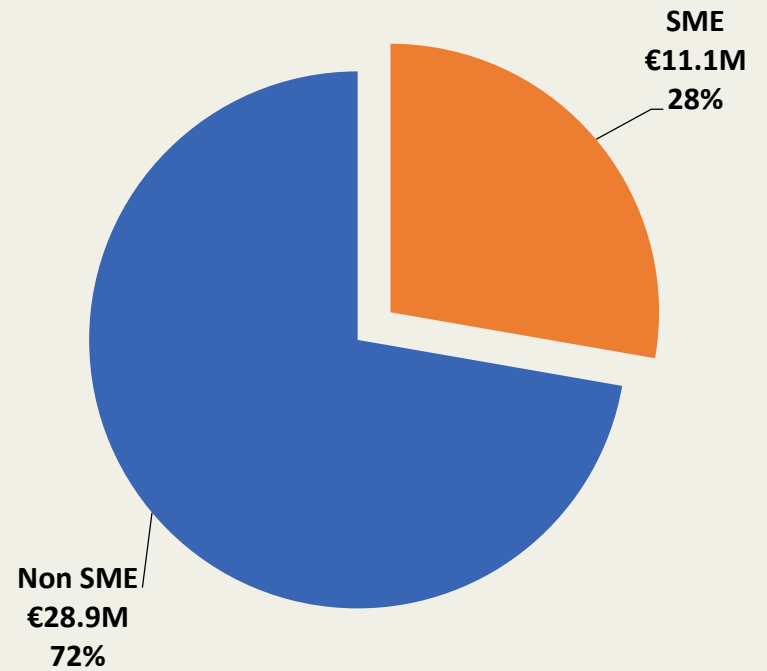
MG-8.4b-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation



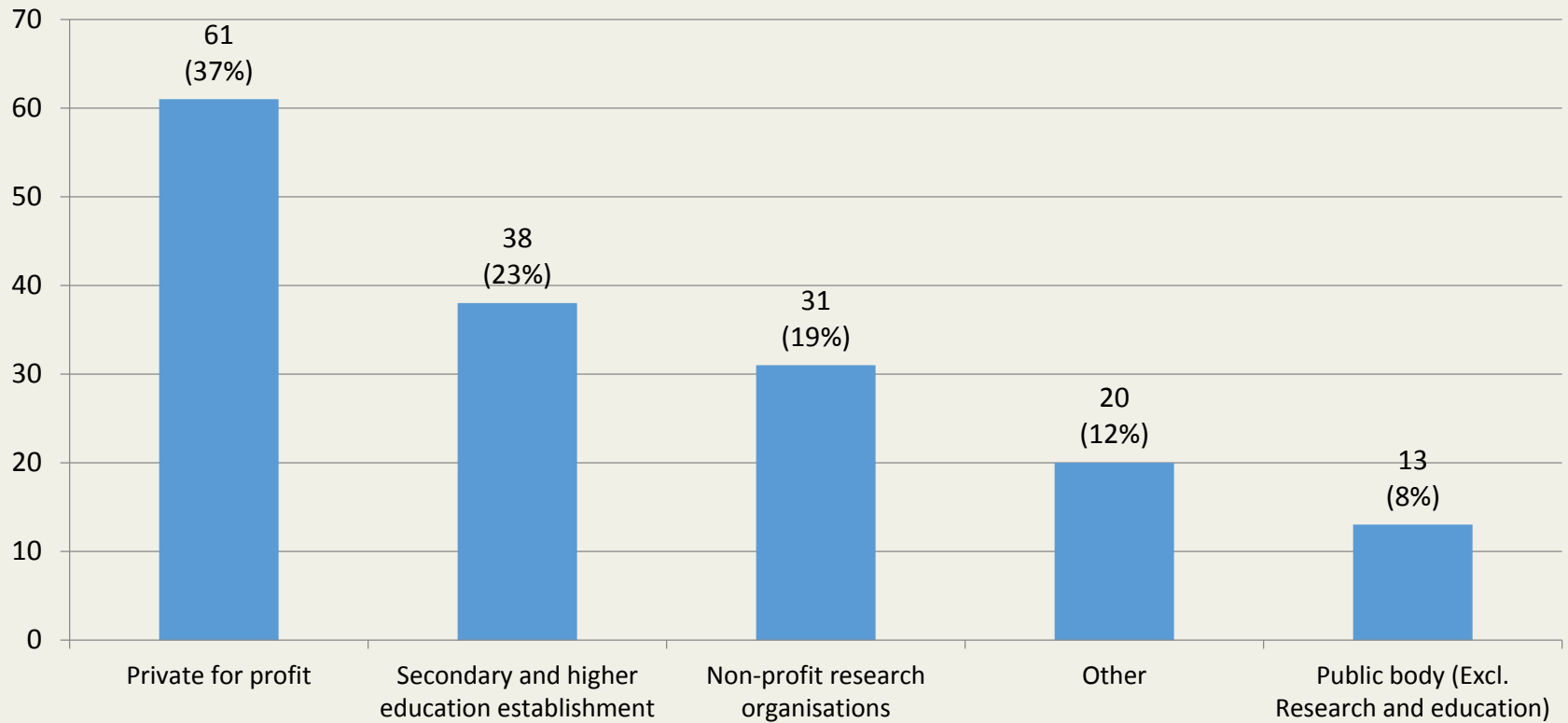
Proposals submitted - SME applicants
Total: 163 applicants



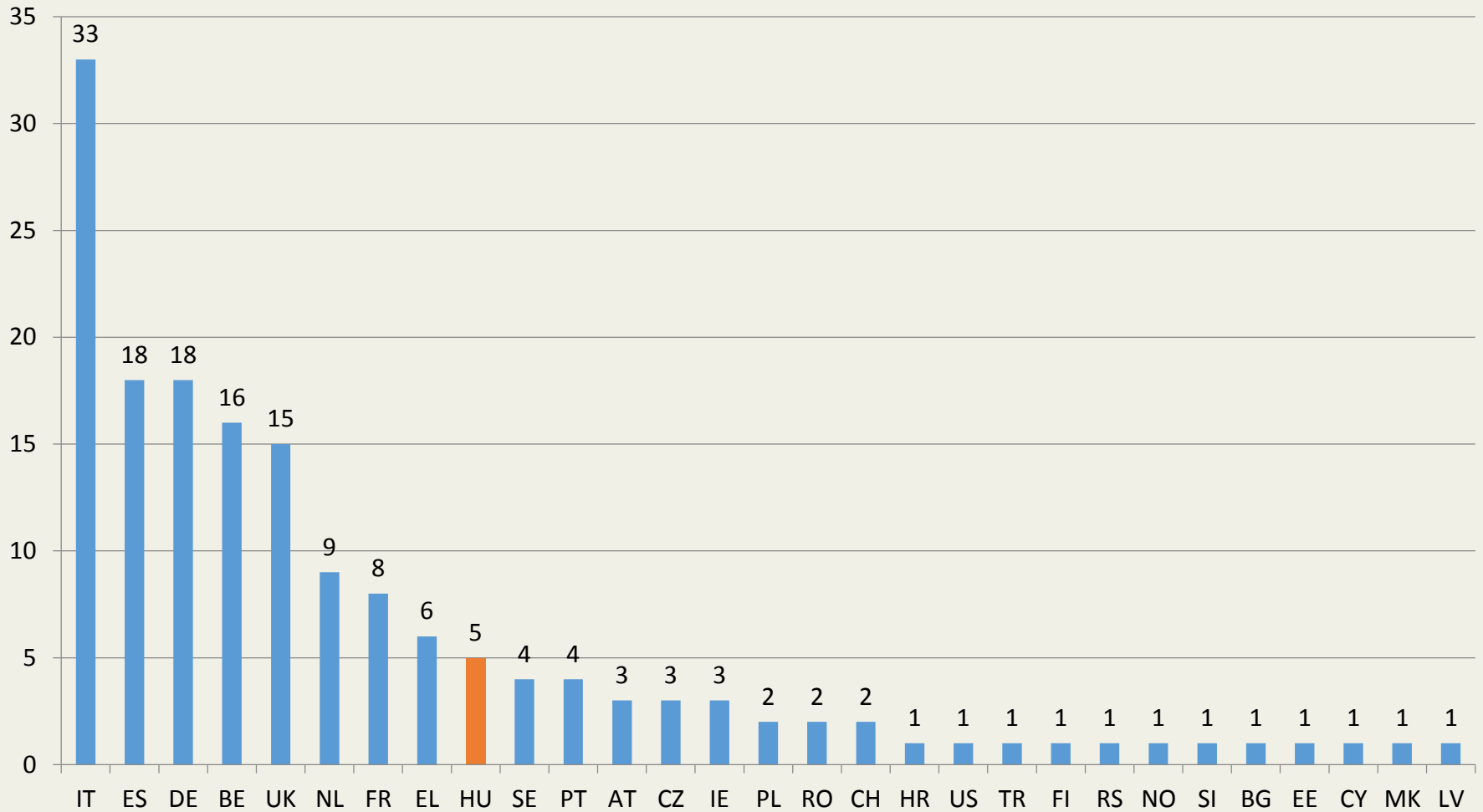
Share of funding
SME vs Non SME applicants



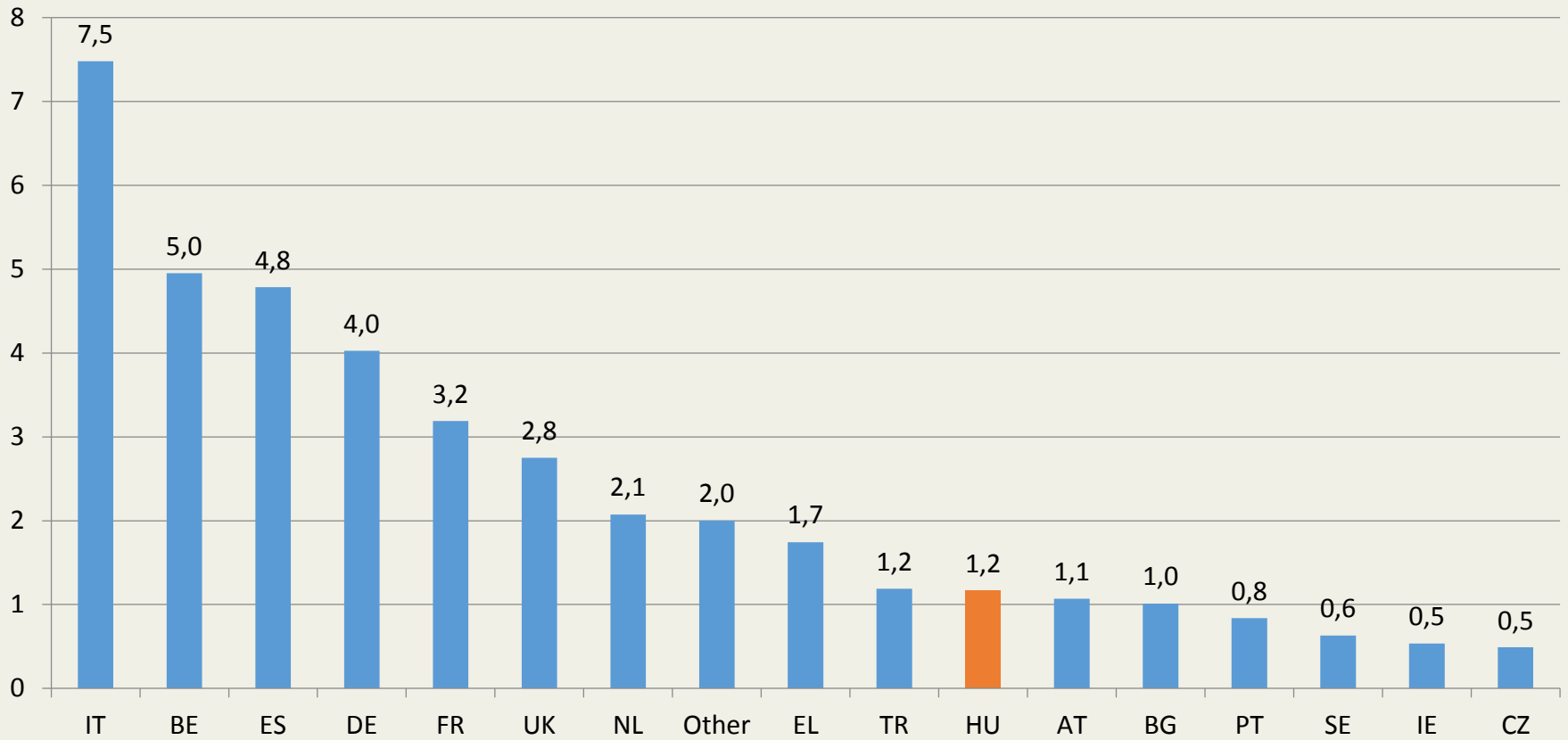
Proposals submitted - Type of applicant
Total: 163 applicants



Participations per country of applicant



Funding (€M) per country of applicants



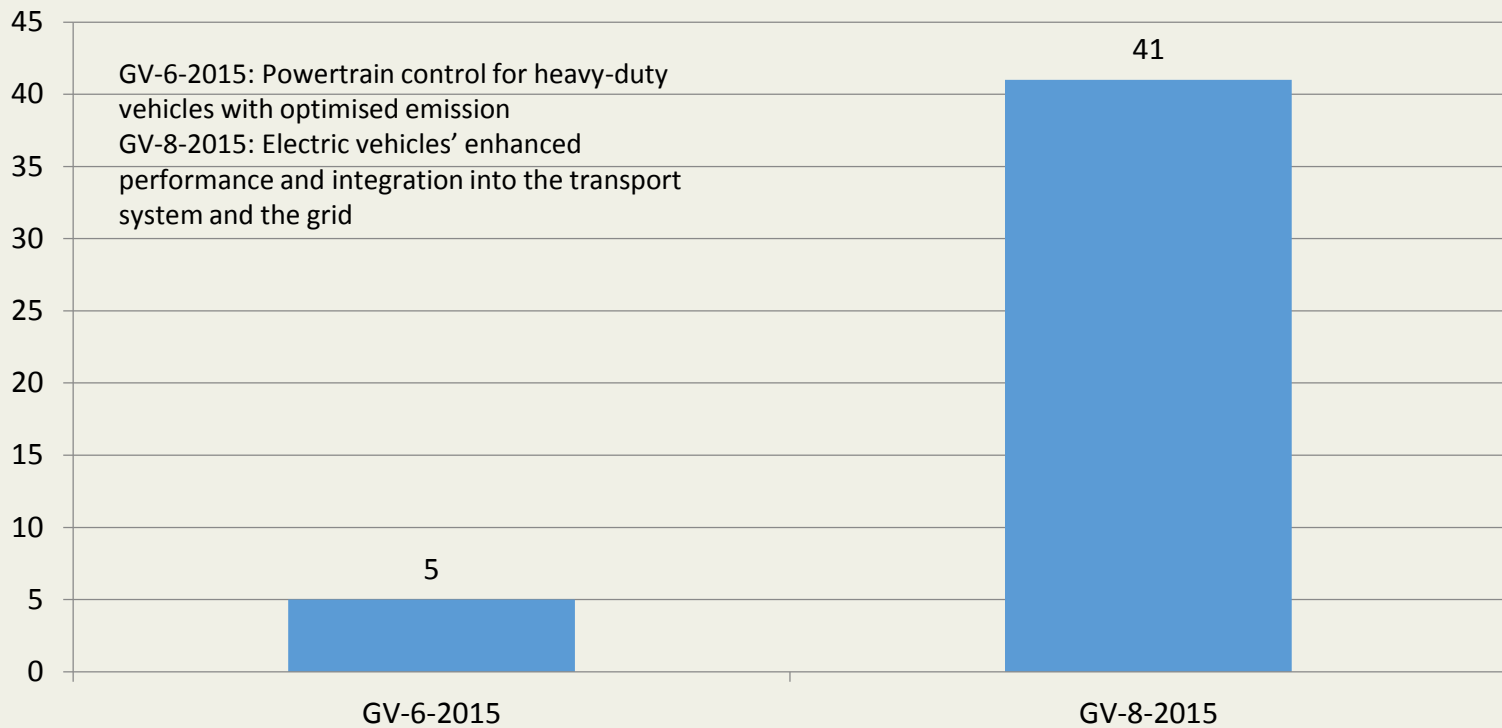
Mobility for Growth

Second wave of 2015 calls

OUTCOME OF SUBMISSIONS

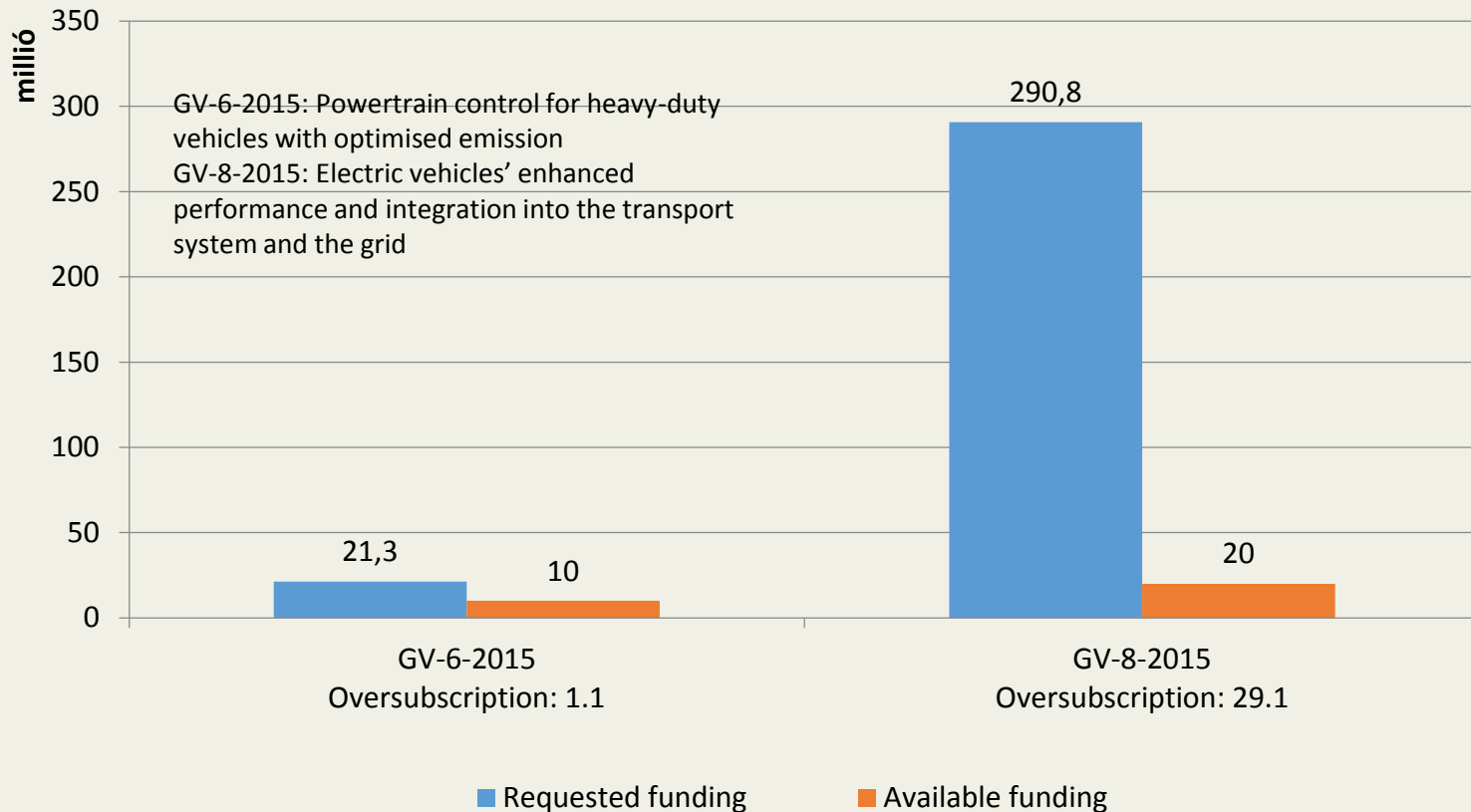
H2020-GV-2015

Number of proposals submitted per topic
Total = 46

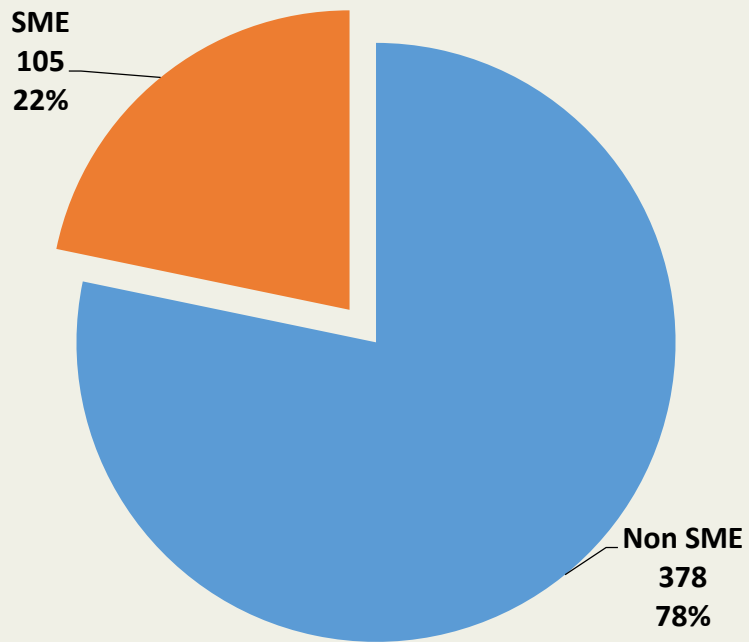


Requested funding vs. Available budget (€ Million)

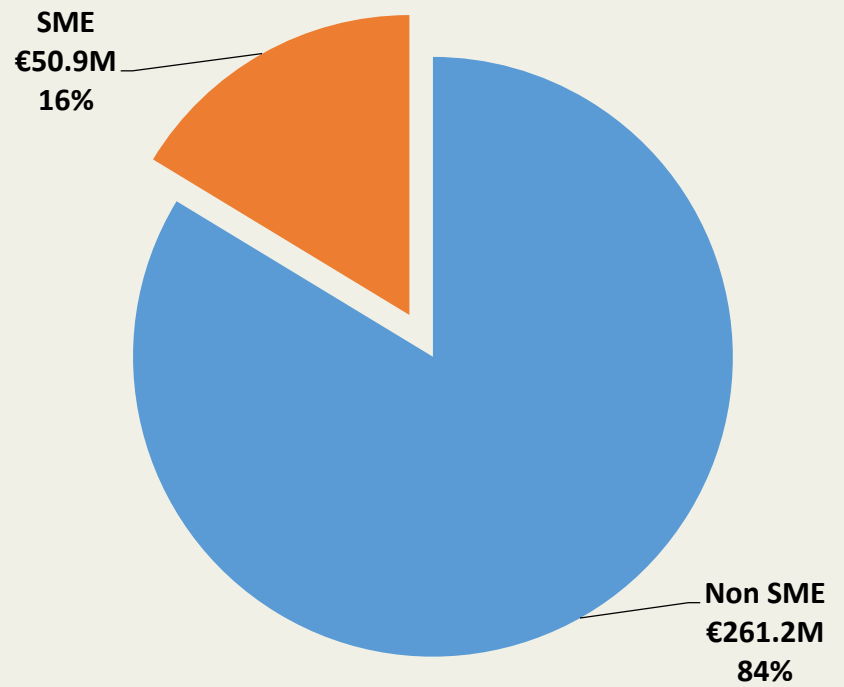
Total Oversubscription: 10.4



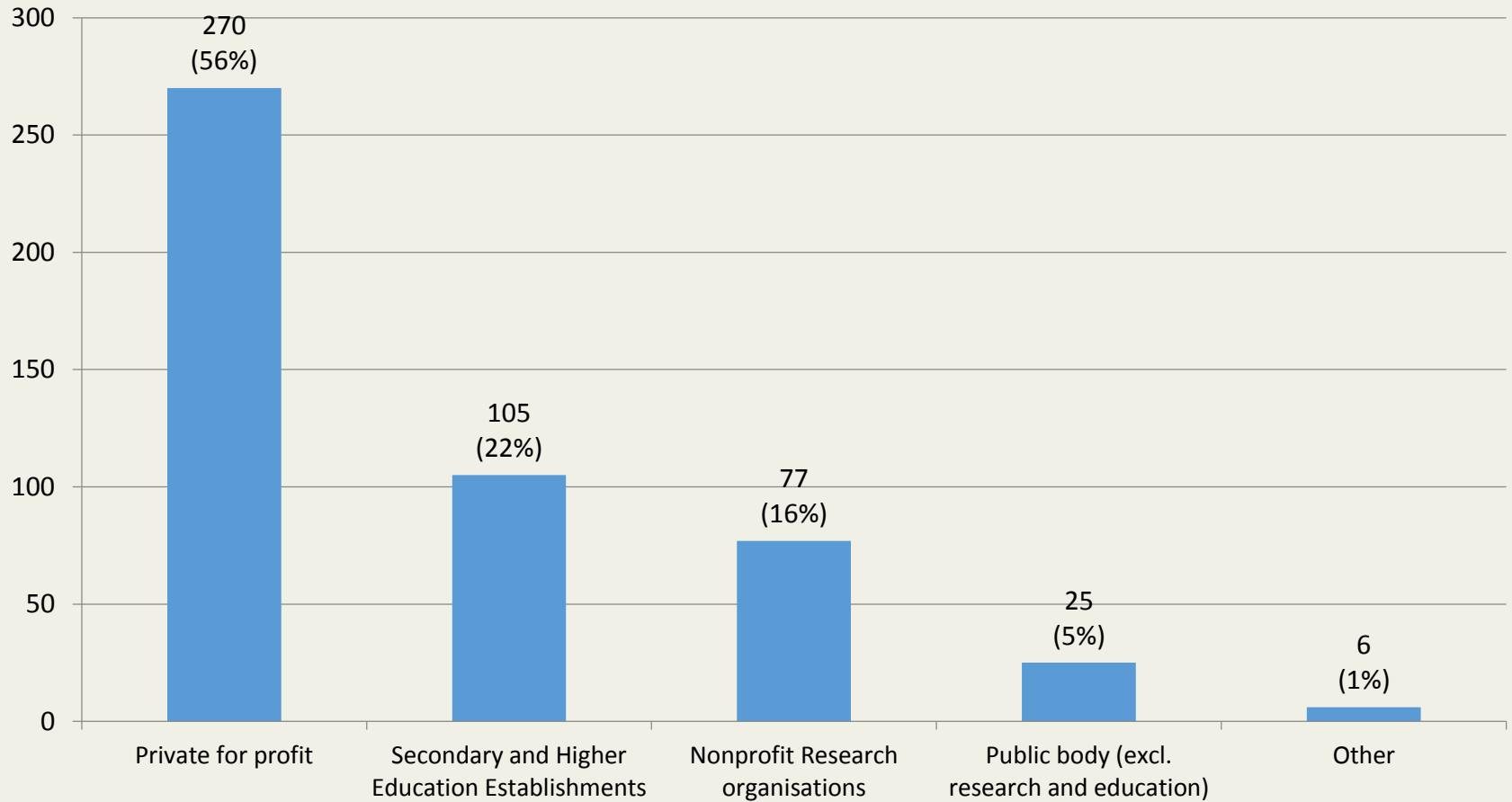
Proposals submitted - SME applications
Total: 483 applicants



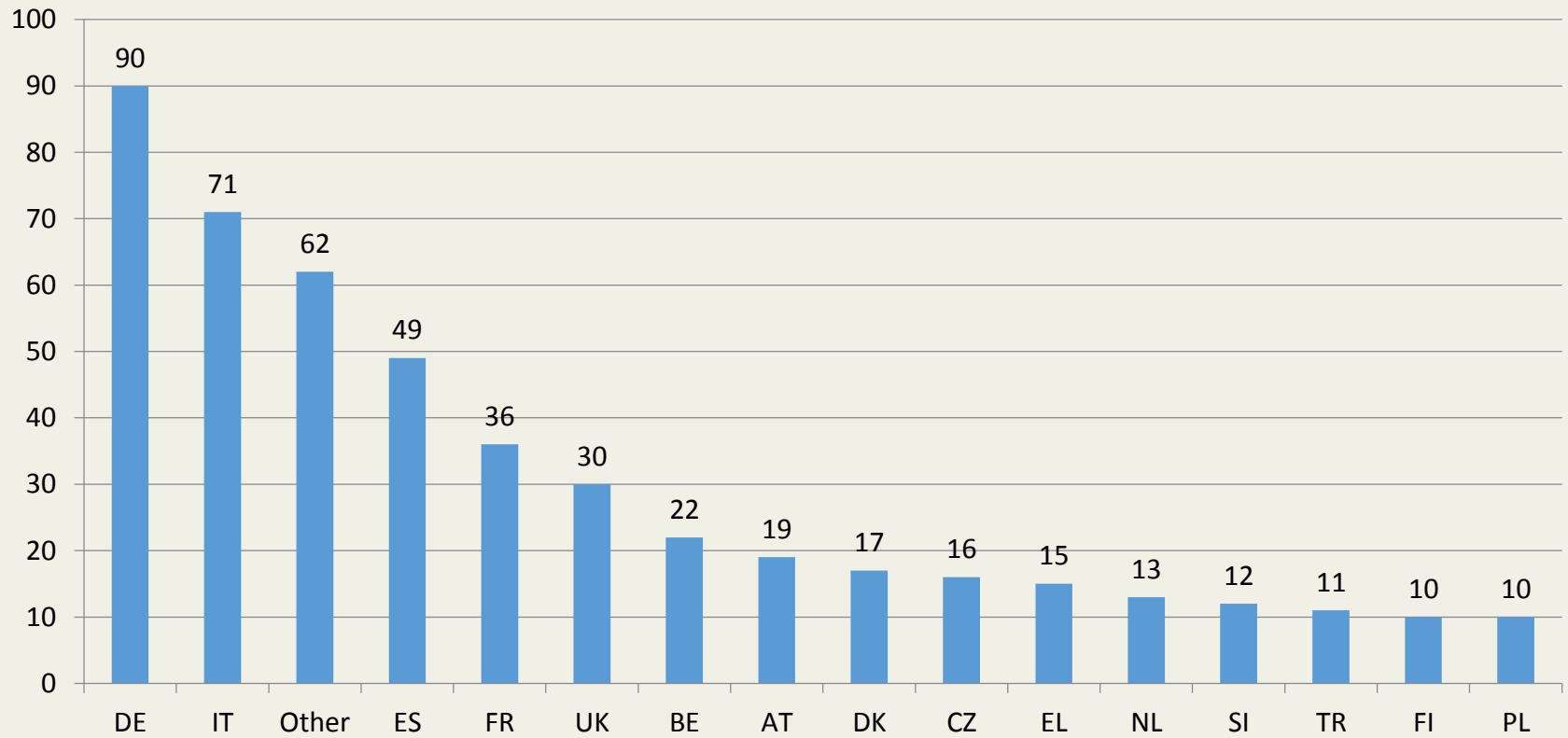
Share of funding
SME vs Non SME applicants



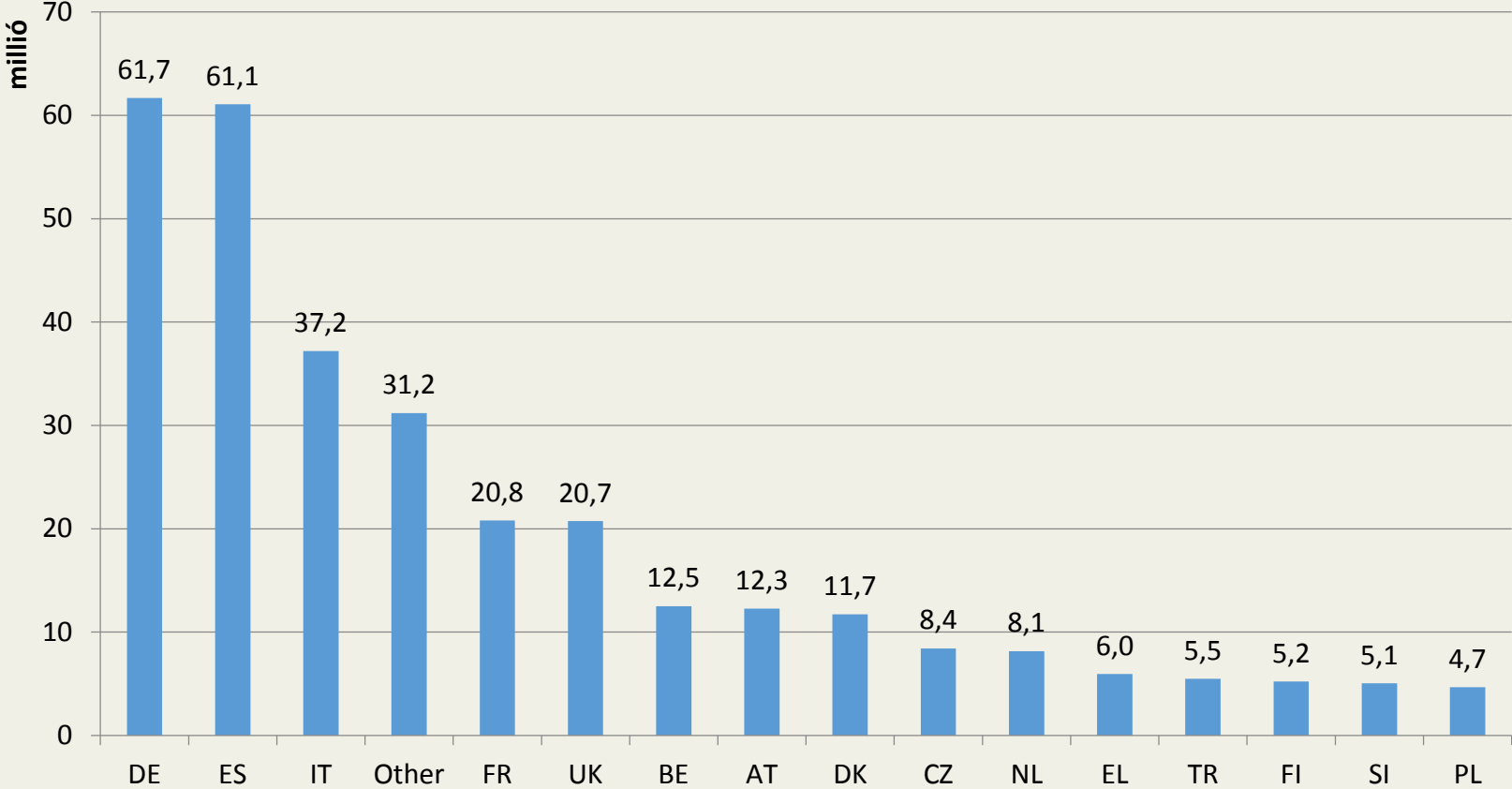
Proposals submitted - Type of applicant
Total: 483 applicants



Participations per country of applicant



Funding (€M) per country of applicant



2015 Transport Calls

NEXT STEPS

- **Evaluations:**
 - 3 – 22 November 2015: (Remote) Individual Evaluations
 - 30 November – 20 December 2015: (On-site) Consensus Groups
- **Information to the Applicants:**
 - No later than 15 March 2016
- **Signature of Grant Agreements:**
 - No later than 15 June 2016

The SME Instrument – the first year

Since 8 April 2014



SME SUPPORT

Achievements in 2014



- **5 cut-offs**
- **8.181 proposals received**
~25% of whole H2020
- **822 companies funded**
- **258,5 M€ budget allocated**

	Total Phase 1 in 2014	Total Phase 2 in 2014
Proposals received	6972	1209
Above threshold	874 (12,5%)	312 (26%)
Funded	592 (68%)	134 (43%)
Budget allocated	€ 29.600.000	€ 228.943.877 (1,71 M€ per project)
Single companies rate for funded proposals	92%	81%

Lesson learnt



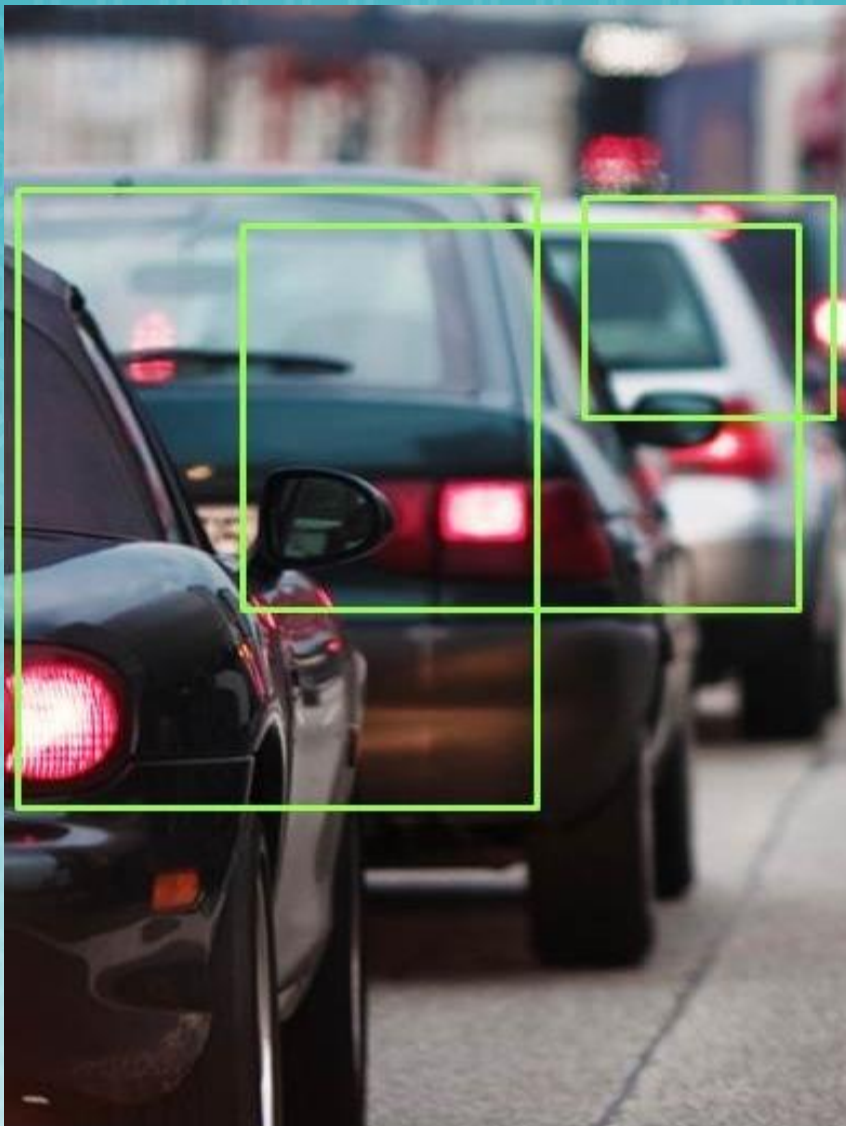
European
Commission



European dilemma:
Good ideas but
insufficient
commercialisation -
Only some 12%
above all threshold

Executive
Agency
for SMEs

EASME
The EASME logo icons, which include a red circle with two white hexagons, a blue wavy line, a green cross, and a blue wavy line.



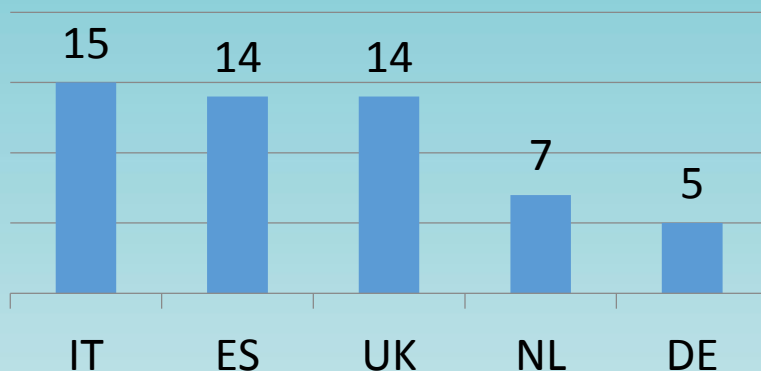
But companies do learn and improve Resubmissions in 2014

Phase 1	Number of proposals	% for 2014
Resubmissions	1270	18%
Resubmissions above threshold	262	30%
Resubmissions funded	203	16% (reference: overall 8,5%)

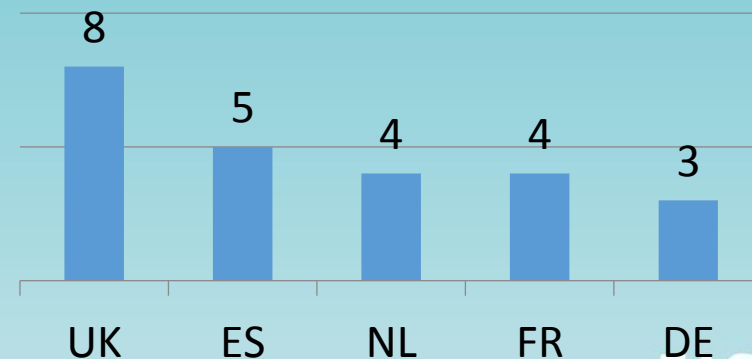
Smart, green and integrated transport

IT – 1 – 2014	Phase 1	Phase 2
Proposals evaluated	660	105
Proposals above threshold	79	25
Proposals funded	70	24
Budget allocated	3.500.000€	33.411.193€

Phase 1 – SMEs above threshold per country
(partners included) TOP 5 - positions



Phase 2 – SMEs above threshold per country
(partners included) TOP 5 positions



First results 2015

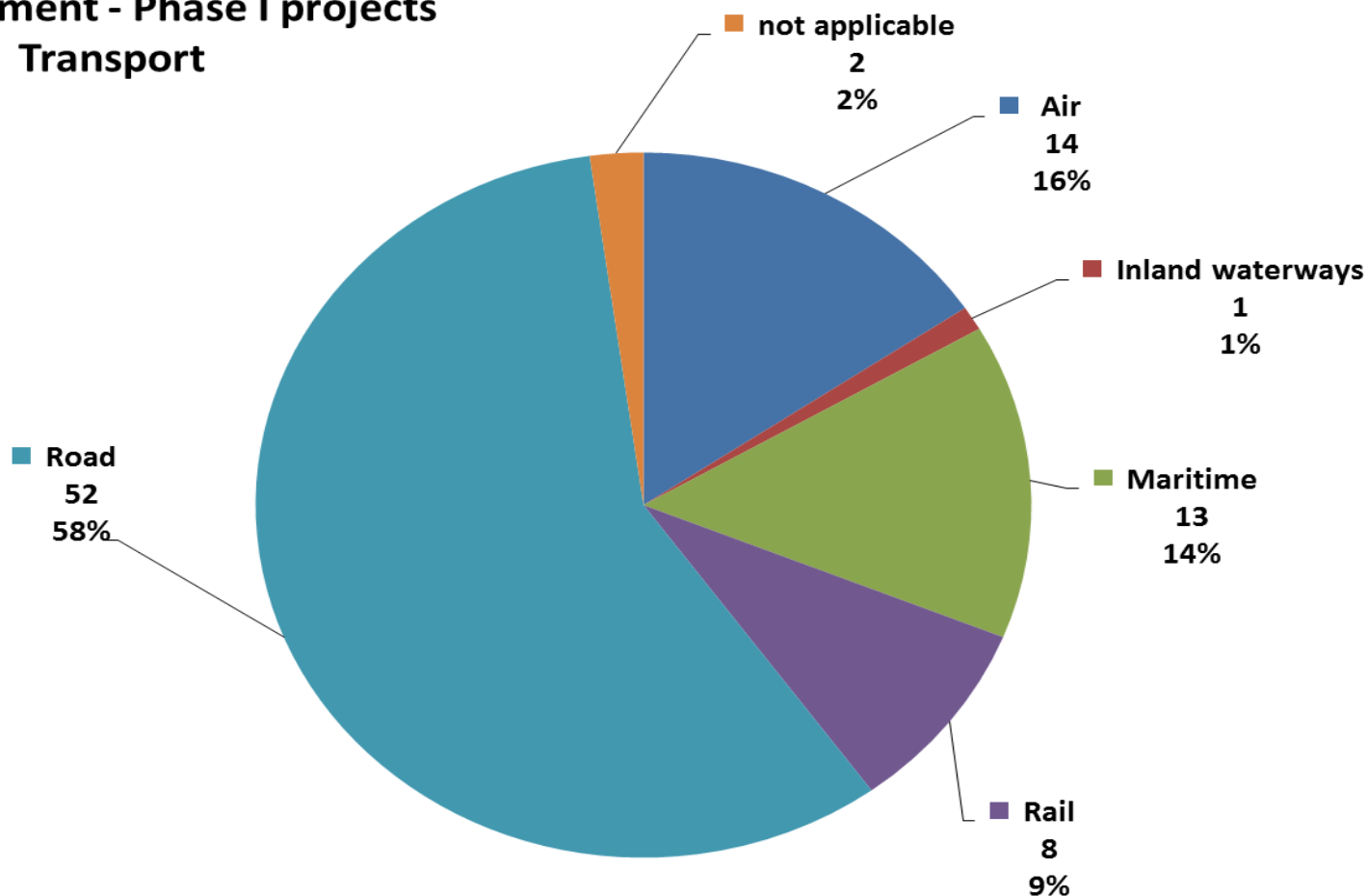


	March Phase 1	March Phase 2	June Phase 1	June Phase
Proposals	1556	619	2029	961
above threshold	251 (16%)	233 (38%)	Results not yet available	
to be funded	149 (59%)	37 (16%)		
budget allocated	7,48 M€	68,05 M€		
funded transport	20 (1 M€)	5 (12.2 M€)		



European
Commission

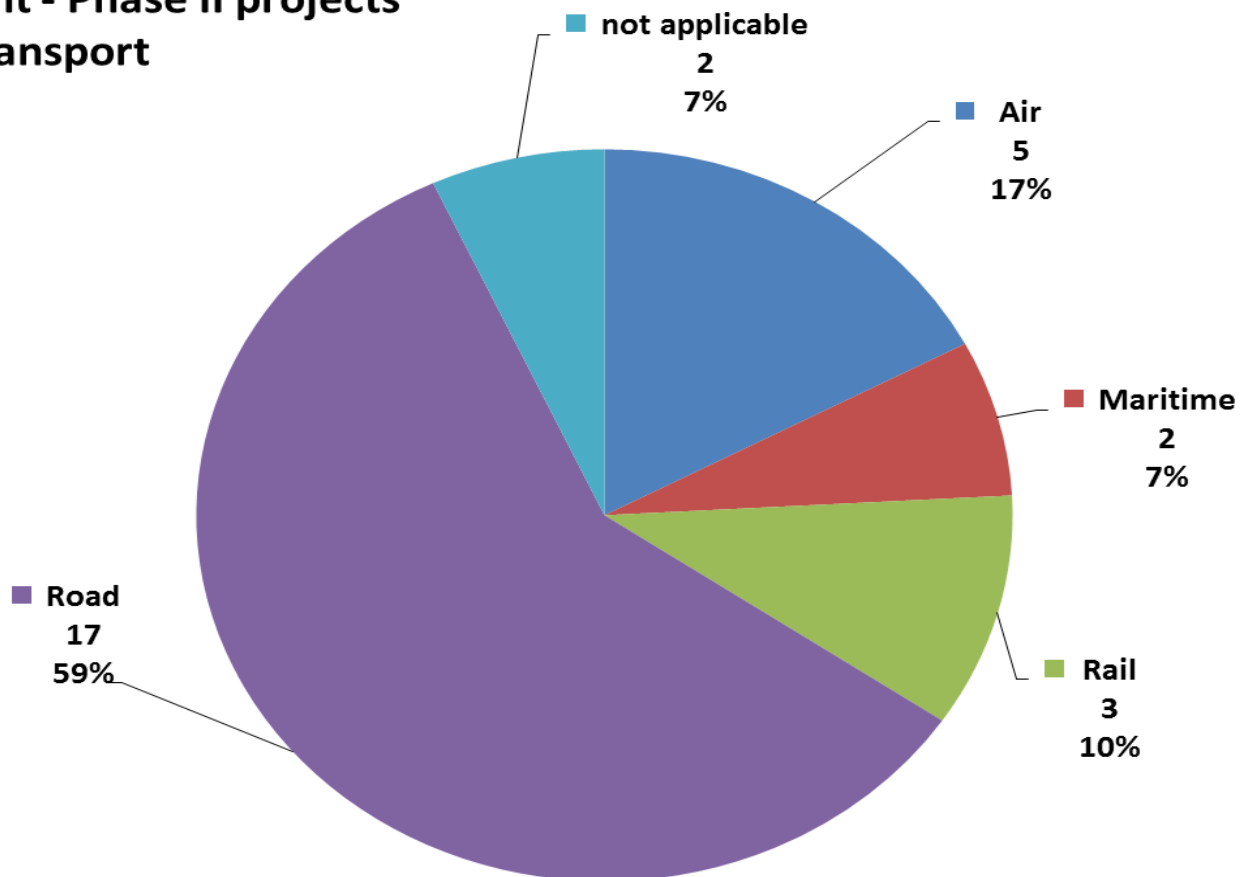
SME Instrument - Phase I projects Transport





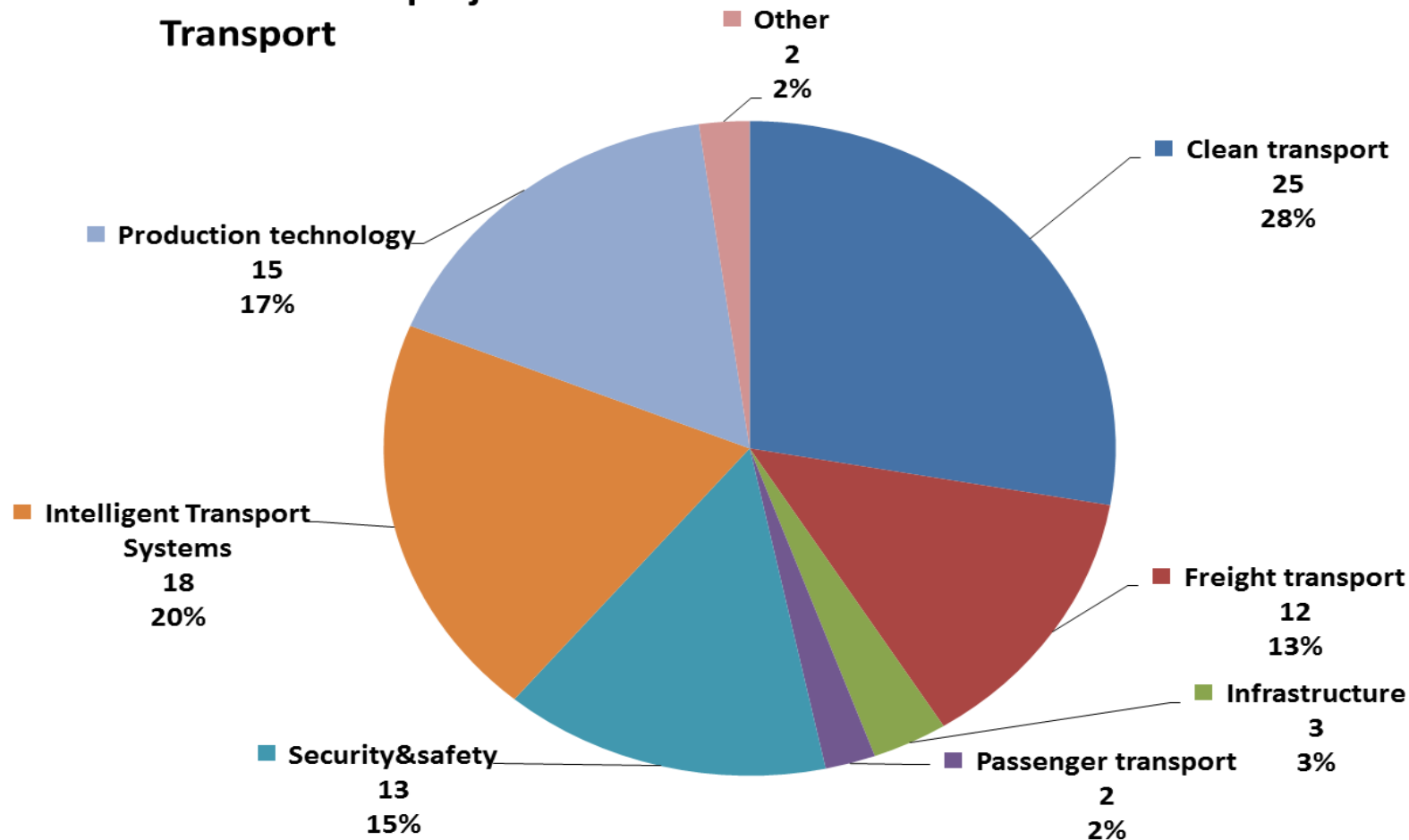
European
Commission

SME Instrument - Phase II projects Transport





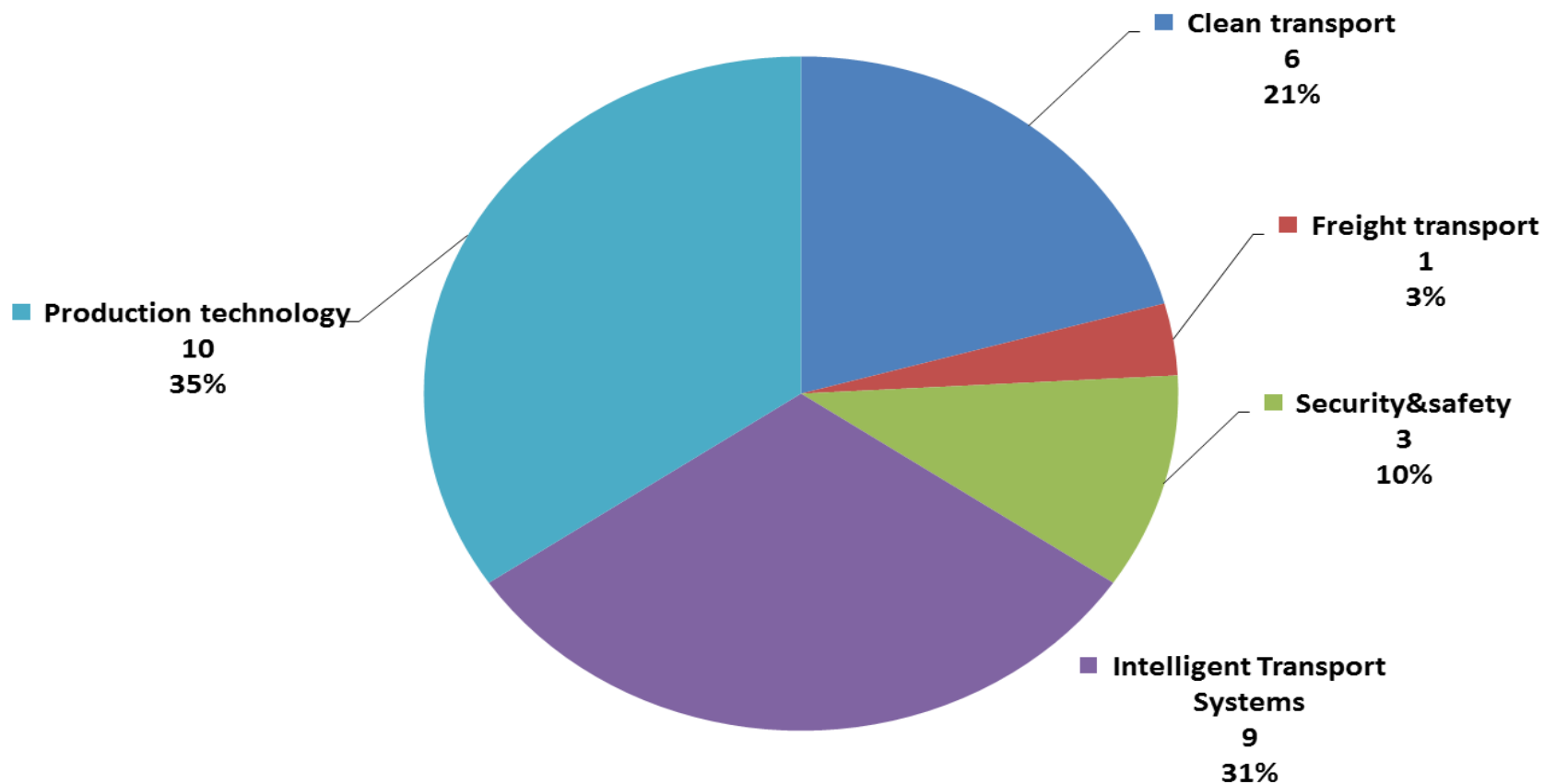
SME Instrument - Phase I projects Transport





European
Commission

SME Instrument - Phase II projects Transport





European
Commission

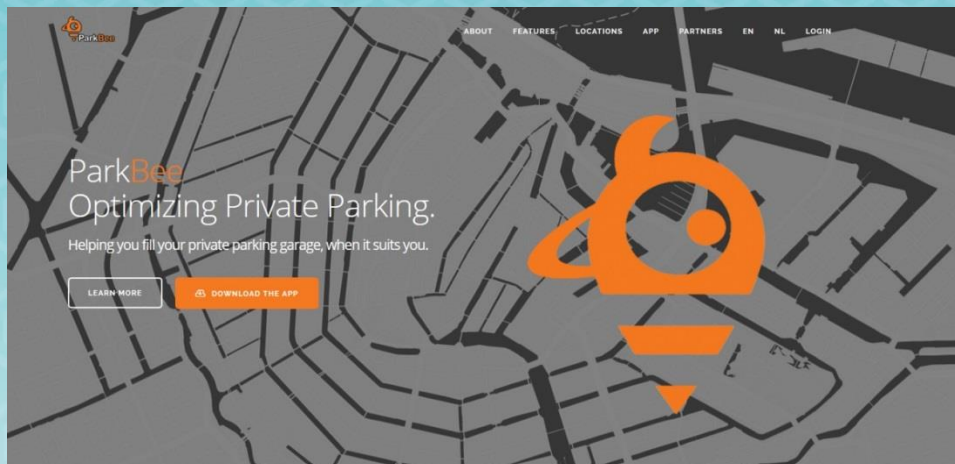
Example of Phase 1 proposals - ROAD



weRide BV (Noordwijk, NL) & INS Wien (AT)

ParkBee is an intelligent parking platform that allows inner-city drivers to access under-used private garages from one click of an app. Unlocking private parking to public use without any infrastructure changes.

<http://parkbee.nl>



Executive
Agency
for SMEs

EASME

Examples of Phase 2 grants: Road/Urban



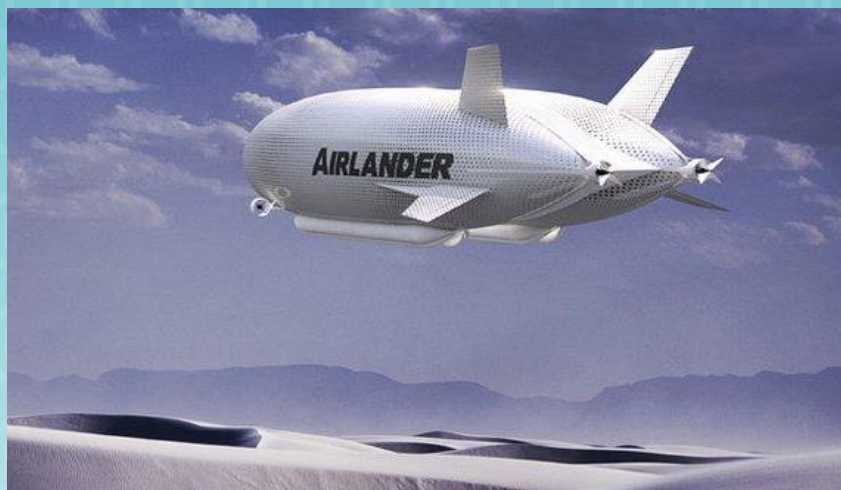
- **Knowledge Development for POF SL (ES) – 1,3 M€: Rapid Data Communication Network for Connected Cars**
- **Muses SAS (FR) - 1,7 M€ grant: New electric vehicle for urban logistic**
- **ROBOSOFT Driverless Solutions (FR) – 1,6 M€ grant: Intelligence solutions for automated road transport systems**
- **Amminex Emissions Technology A/S (DK) -1,9 M€ grant: An opportunity to meet legal requirements in real life driving conditions for City busses.**
- **ParkTAG GmbH (DE) – 1,4 M€ grant: Social and universal technology for searching local parking space**

Example of Phase 2 grants: Air

Hybrid Air Vehicles Ltd. (UK): 2,5 M€ grant

The Airlander hybrid air vehicle is a new form of aircraft. Performance advantages include 1/3rd the fuel burn of conventional aircraft, reduced reliance on infrastructure and intermodal transport due to the unique amphibious all-terrain landing gear technology.

www.hybridairvehicles.com



Examples of Phase 2 grants: Air



- **EU Edge Ltd. (HU) – 1,1 M€: Augmented reality aerial navigation**
- **Pipistrel (SI) – 1,9 M€ grant: Electric flight**
- **METASENSING BV & Selfly BV (NL), 1,4 M€ grant: A stand-alone, affordable Electronic Detection and Avoid (ED&A) system for small aircraft**
- **APPEAR NETWORKS SYSTEMS AB (SE), Avtura Ltd (UK) & SLOT LTD (HU), 1,9 M€ grant: Situation-Aware Mobile Platform for Airport Collaborative Decision-Making**

Example of Phase 2 grants: Maritime



SEAGATE SRL (Milan, IT) & SMAR Azure Ltd (Edinburg, UK)

Seagate is developing an innovative collapsible-automatic-retrofittable delta wing sail that can be applied to commercial vessels. It reduces fuel bills and cut emissions by 20%.

www.seagatesail.com





European
Commission

Example of Phase 2 grant - Maritime



PROMATECH, Istanbul (TR), 1,3 M€ grant

A Cloud-based Vessel Allocation decision support tool helping large ship-owners to make decisions on which vessels to charter, saving on chartering costs and fuel consumption and lower CO₂ emission.

www.promatech.com.tr



Example of Phase 1 grant - RAIL

Frauscher Sensortechnik GmbH, St. Marienkirchen (AT)

OpticTrainDetection aims at the development and commercialisation of optic sensor technology (Fibre Bragg Grating, Distributed Acoustic Sensors) in the railway application. Frauscher Sensortechnik GmbH is technology and market leader in the area of inductive sensor technology solutions.

www.frauscher.com



Example of Phase 2 grant - RAIL



NEEL Sp. z. o. o., Warsaw (PL) & WaveTrain Systems AS (NO),
1,3 M€ grant

An animal deterring system that successfully prevents the animal-train collisions including renewable energy sources to make the system energetically self-sustained.

www.neel.com.pl <http://wavetrain.no/>



Fast Track to Innovation

First results 2015



- **First cut-off 29 April 2015: evaluation is ongoing, results to be known by mid-July**
- **271 proposals received with 1149 partners (4 partners pro project)**
- **27 in Transport**
- **In total about 15-20 applications can be funded per cut-off**
- **Next cut-off: 1 September 2015**



Thank you very much for your attention



@H2020SME

<http://ec.europa.eu/easme/sme/>