



UNIVERSITIES IN THE SET-PLAN

MOBILISING THE RESEARCH, INNOVATION AND EDUCATIONAL CAPACITIES OF EUROPE'S UNIVERSITIES IN THE SET-PLAN

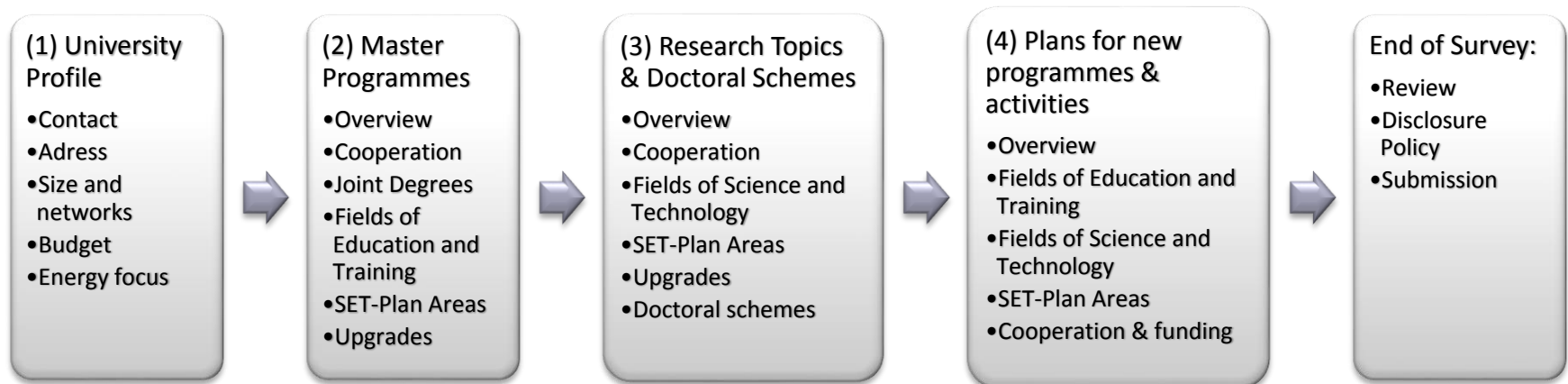
The UNI-SET Universities Survey First findings from phase I and II

**Dr Lidia Borrell-Damian, Director, Research &
Innovation, EUA**

**Lennart Stoy, Project Manager, Research &
Innovation EUA**

Trondheim, 25 February 2016

UNI-SET Universities Survey



- URL: <http://universities.uni-set.eu>
- Covering the entire spectrum of disciplines: from Mathematics, Engineering and Technology to Economy, Social Sciences and Humanities and Arts
- First findings from two data collection phases between April and December 2015
- Currently open for third phase (until 30 April 2016)

2015 UNI-SET Universities Survey (Phase II*)

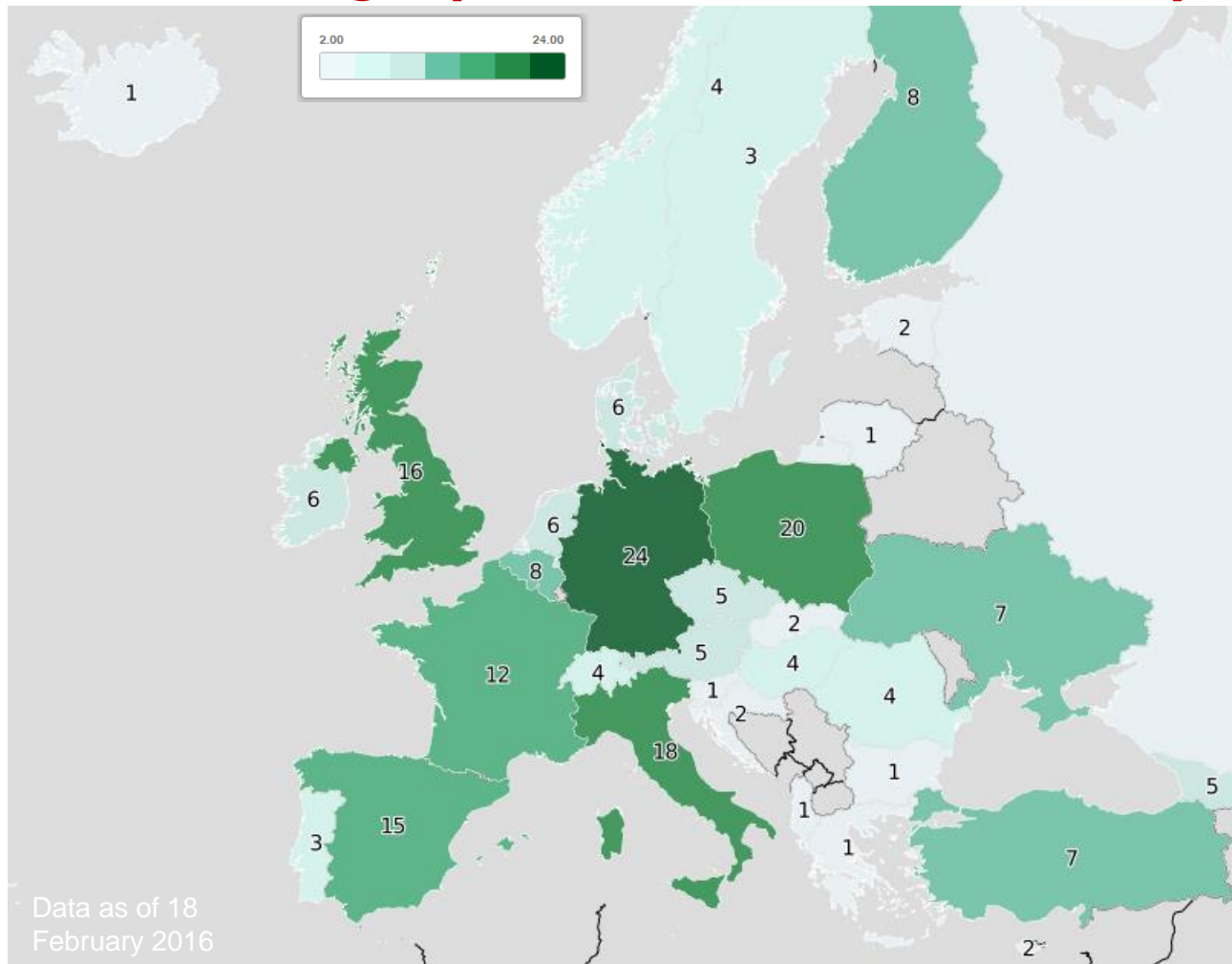
- ✓ 202 universities
- ✓ 864 research topics
- ✓ 451 Doctoral schemes
- ✓ 579 Master programmes
- ✓ *Active in energy research*
 - ✓ Research staff 9,833.3 (FTE)
 - ✓ Doctoral candidates 6,286.6 (FTE)
 - ✓ 36,903 Master-level students

2010 EUA-EPUE Survey

- 171 universities
- 1551 research topics
- 20678 Research staff (including PhD students) in persons
- 607 Doctoral programmes
- 904 Master programmes

*End of Phase II: 15 December 2015

Geographical distribution of participants

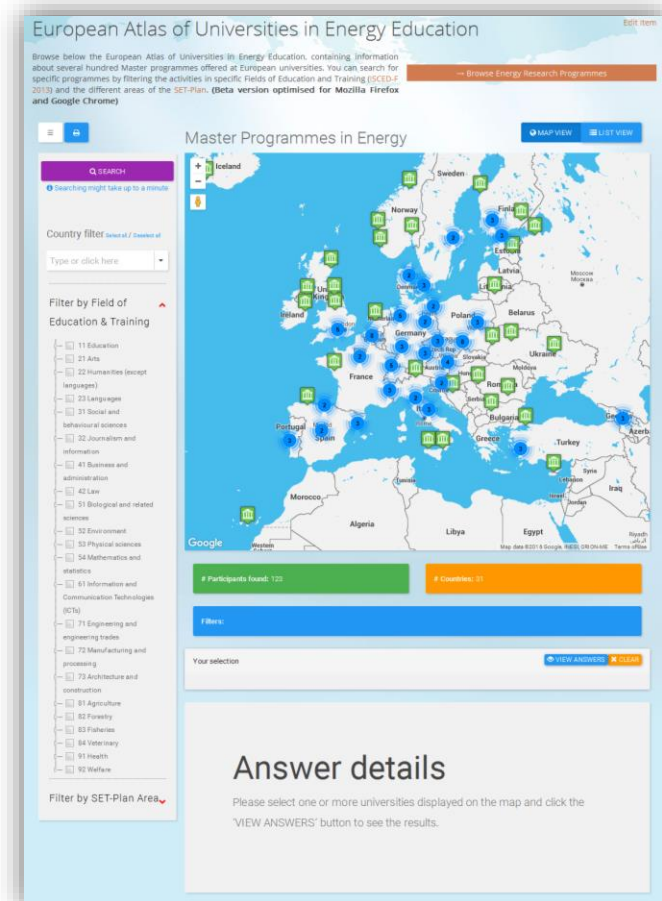


Country	Institutions
Albania	1
Austria	5
Belgium	8
Bosnia	1
Bulgaria	1
Croatia	2
Cyprus	2
Czech Republic	5
Denmark	6
Estonia	2
Finland	8
France	12
Georgia	5
Germany	24
Greece	1
Hungary	4
Iceland	1
Ireland	6
Italy	18
Lithuania	1
Netherlands	6
Norway	4
Poland	20
Portugal	3
Romania	4
Russia	1
Slovakia	2
Slovenia	1
Spain	15
Sweden	3
Switzerland	4
Turkey	7
Ukraine	7
United Kingdom	16



EUROPEAN **ATLAS** OF UNIVERSITIES IN **ENERGY** RESEARCH & EDUCATION

- 123 Universities share information online
- <http://atlas.uni-set.eu>
- Participation through the UNI-SET Universities Survey
- <http://universities.uni-set.eu/>
- **Current round open until 30 April 2016**



The EUROPEAN ATLAS OF UNIVERSITIES IN ENERGY RESEARCH & EDUCATION



For more
information go to

www.uni-set.eu

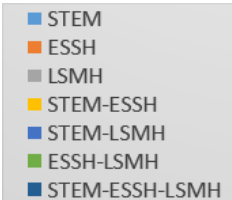
uni-set@eua.be

 @uniset_fp7

Multidisciplinary STEM/ESSH/LSMH

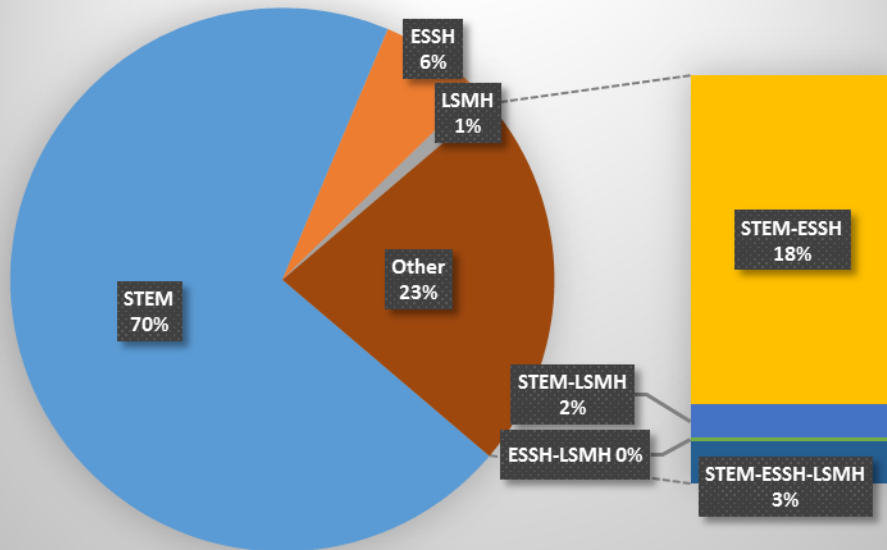
✓ Which **broad fields of knowledge** are covered by the contents of the programme / activities of the research topic?

- ✓ STEM (Science, technology, engineering, mathematics)
- ✓ ESSH (Economics, Social sciences and Humanities)
- ✓ LSMH (Life science, medicine, health)



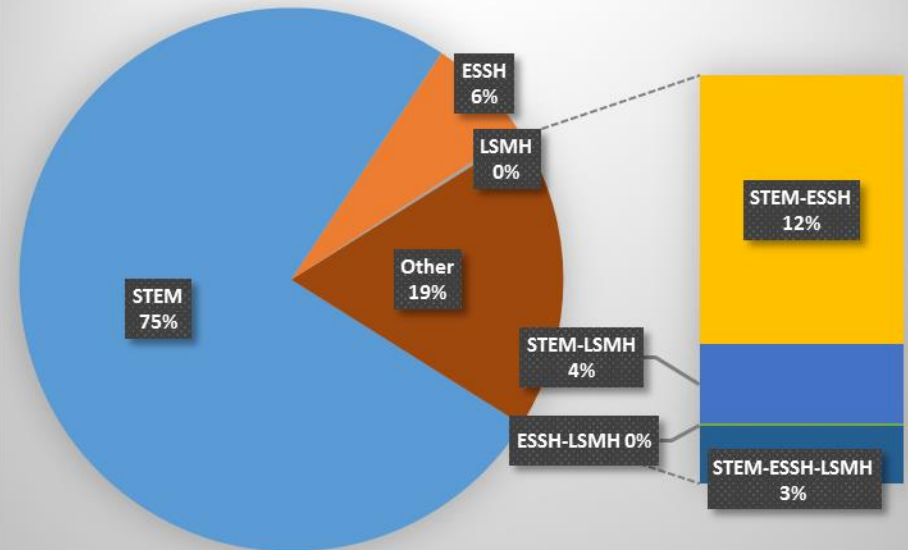
N (Master programmes)=552

Master programmes

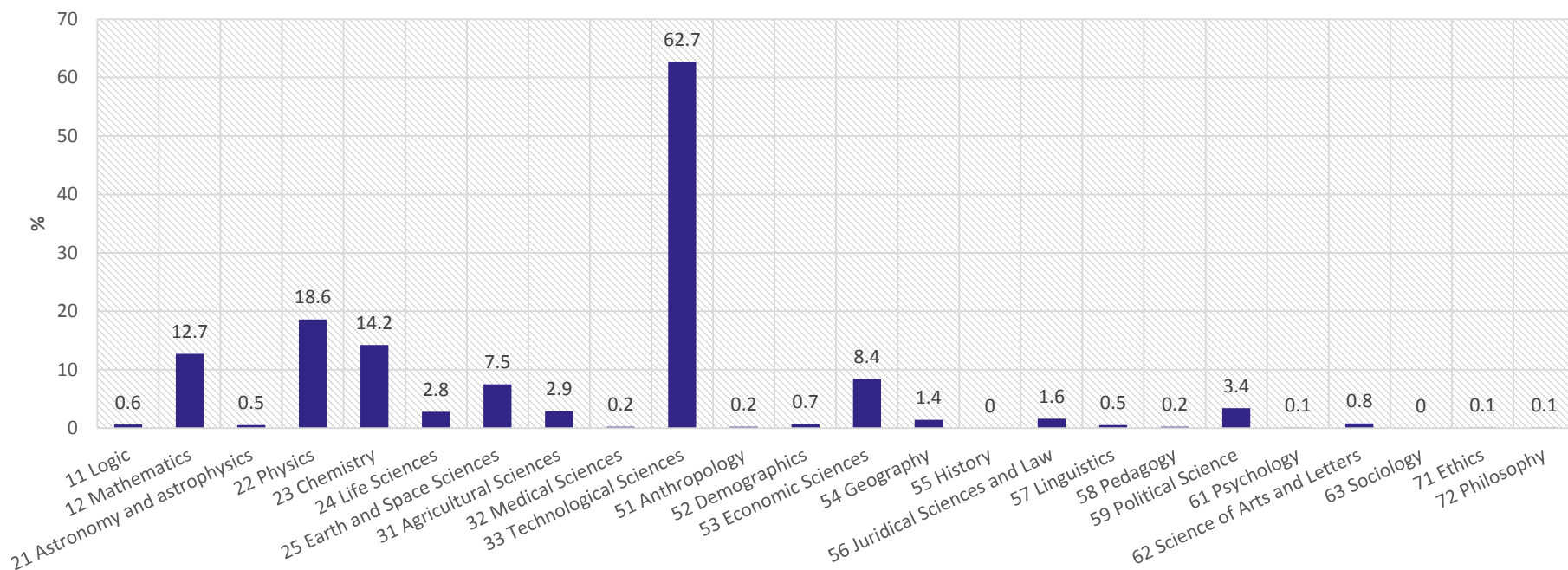


N (research topics)=800

Research topics



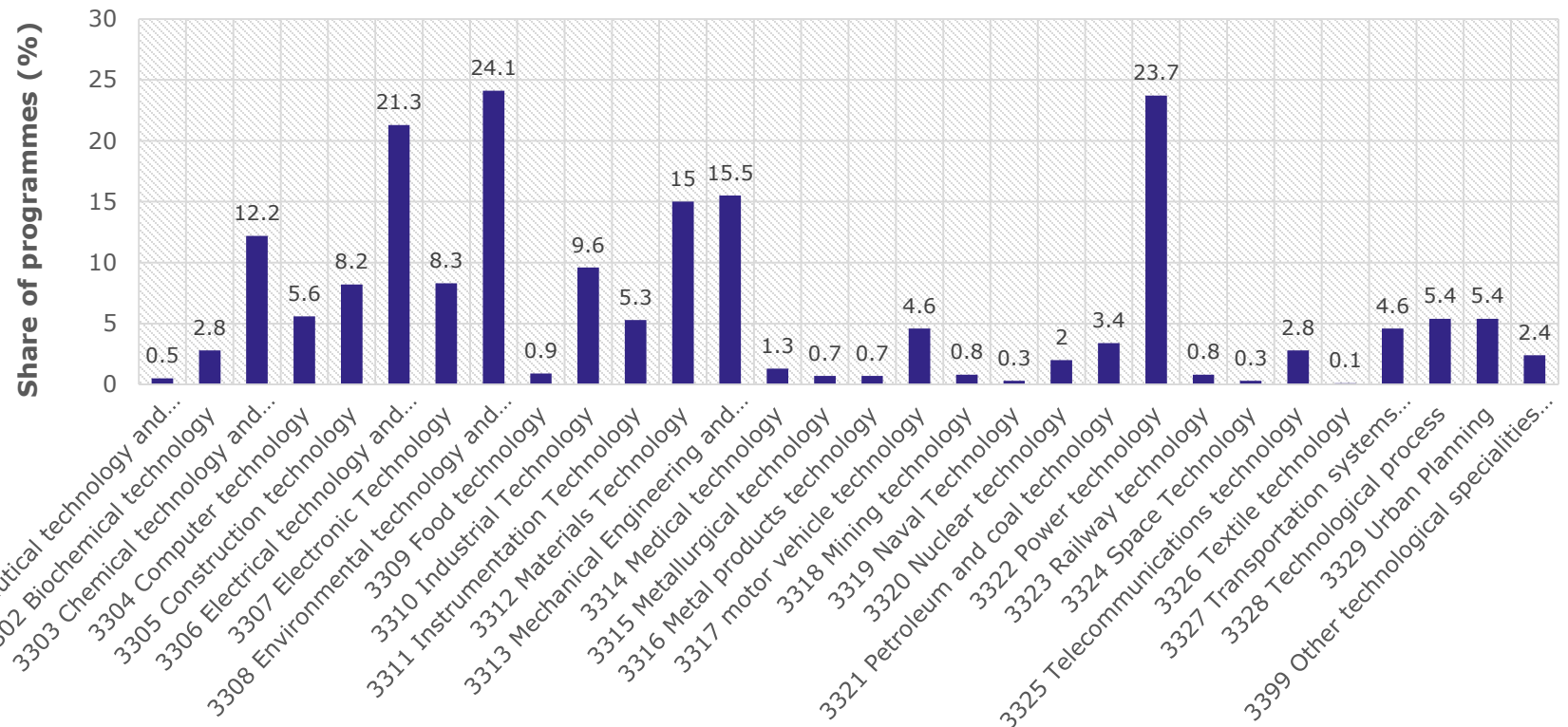
Fields of Science and Technology* in Research Topics (%)



*According to UNESCO Standard Nomenclature for Fields of Science and Technology
(<http://skos.um.es/unesco6/>)

N (Research topics) = 656,
max 8 Fields per topic

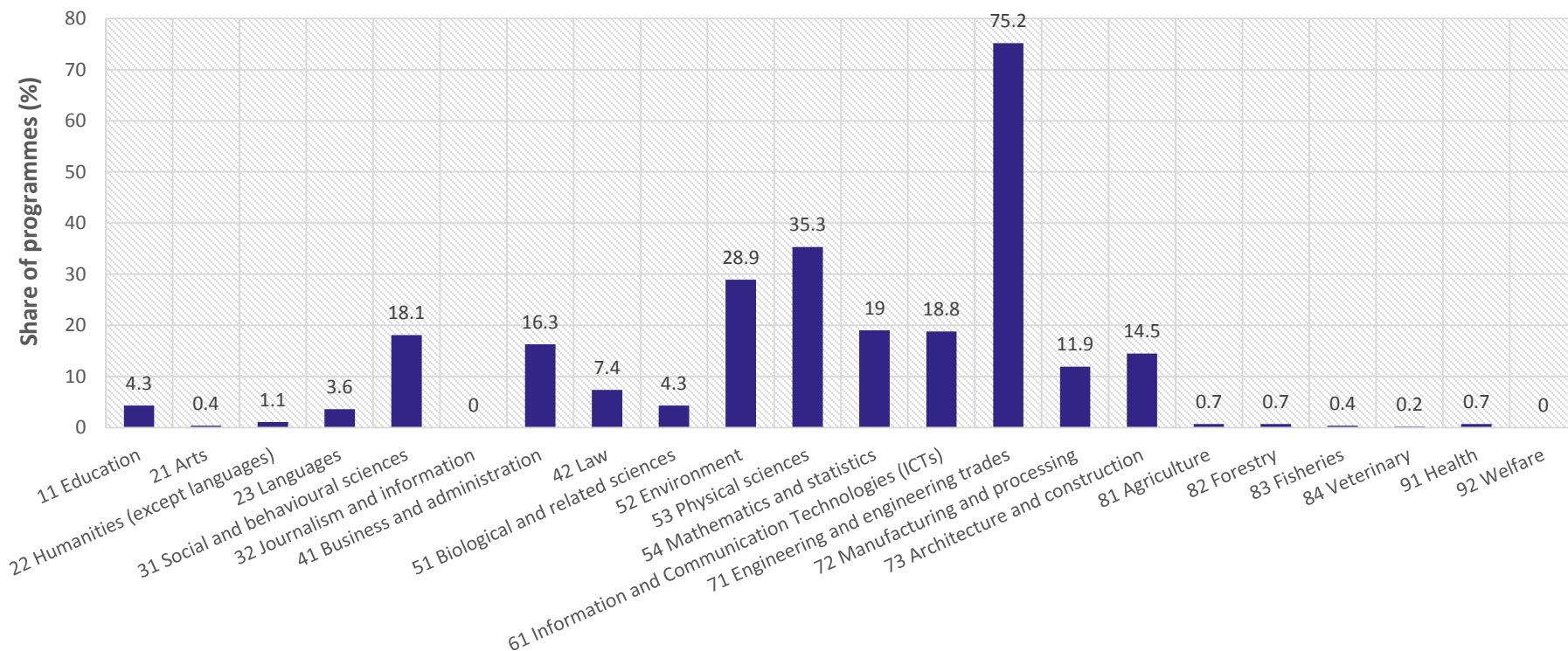
Fields of Science and Technology* in Research Topics (%) - Technological Sciences



*According to UNESCO Standard Nomenclature for Fields of Science and Technology
(<http://skos.um.es/unesco6/>)

N (Research topics) = 656,
max 8 Fields per topic

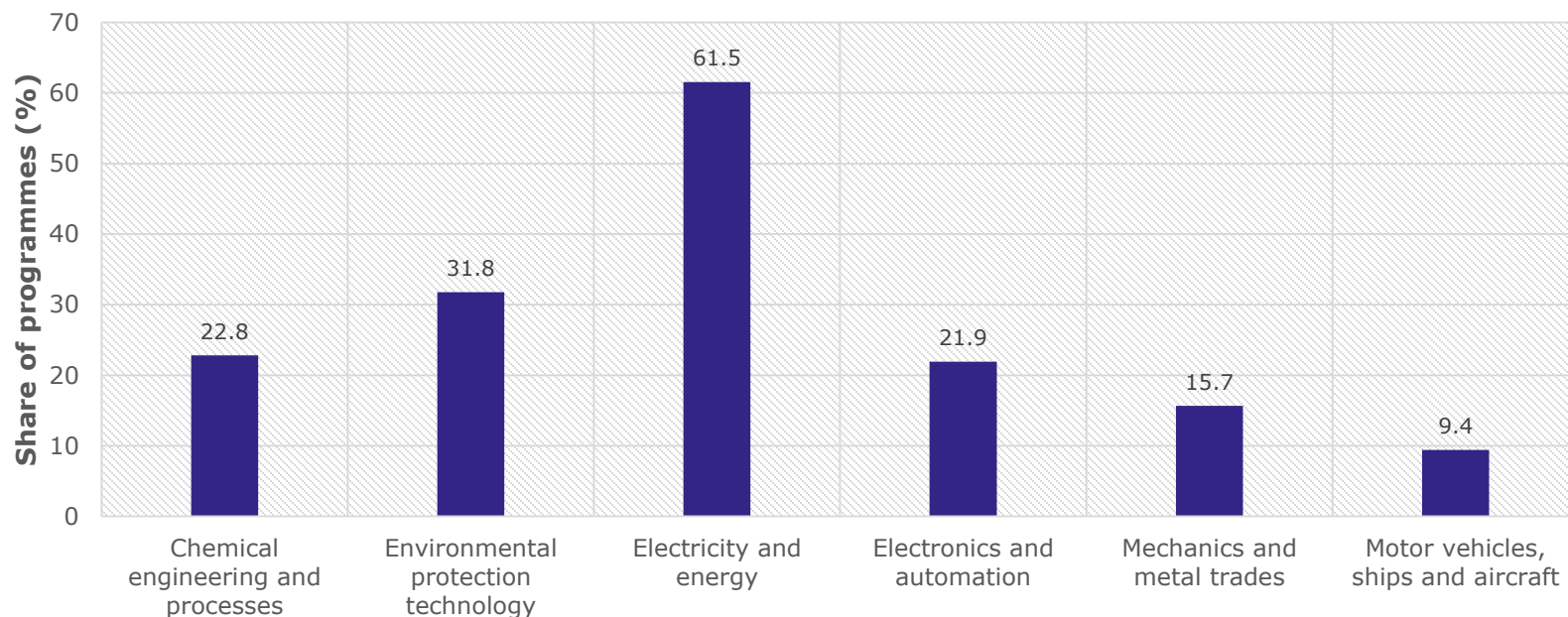
Fields of Education and Training* in Master Programmes (%)



*According to International Standard Classification of Education, ISCED-F 2013
(<http://www.uis.unesco.org/Education/Documents/isced-fields-of-education-training-2013.pdf>)

N (Master programmes) = 447,
max 8 Fields per topic

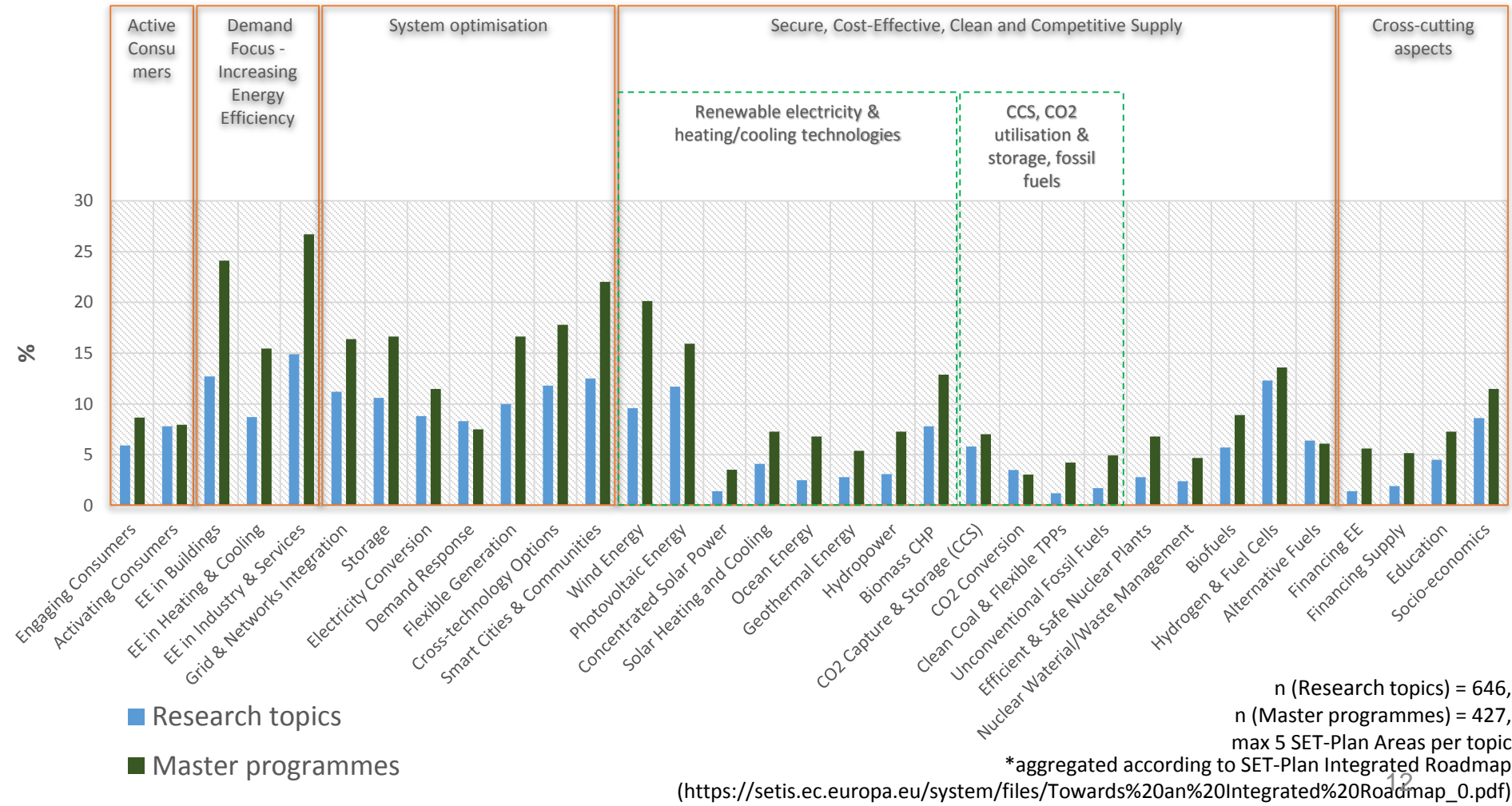
Fields of Education and Training* in Master Programmes (%) - Engineering & engineering trades



*According to International Standard Classification of Education, ISCED-F 2013
(<http://www.uis.unesco.org/Education/Documents/isced-fields-of-education-training-2013.pdf>)

N (Master programmes) = 447,
max 8 Fields per topic

SET-Plan Areas* - Masters and Research topics

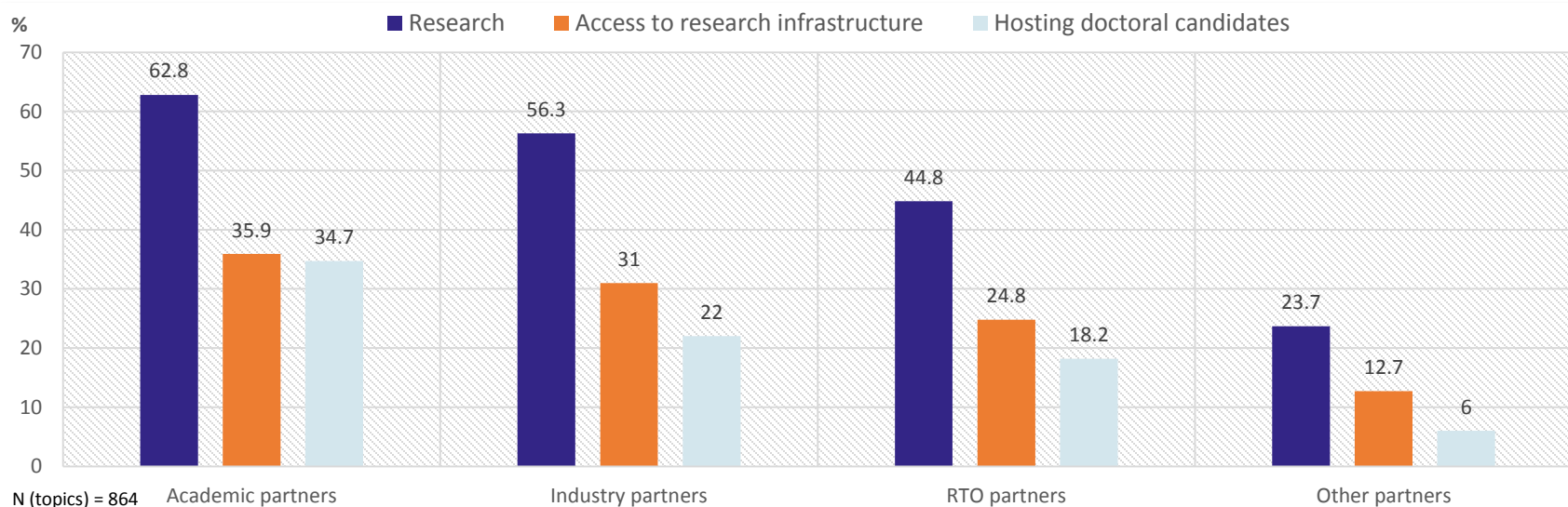


n (Research topics) = 646,
n (Master programmes) = 427,
max 5 SET-Plan Areas per topic

*aggregated according to SET-Plan Integrated Roadmap

(https://setis.ec.europa.eu/system/files/Towards%20an%20Integrated%20Roadmap_0.pdf)

Cooperation with external partners - research topics



Question: Are any of the aforementioned research activities carried out in collaboration with external partners? If so, please indicate the number of partners belonging to each category of partners per research topic and the form of cooperation with these external partners (☑ = yes).

Please, consider to indicate only sustained (i.e. not ad hoc) research cooperation between your institution and another institution or organisation. For the purpose of this study, consider only collaborations that have lasted at least 2 years. We aim to identify particularly collaborations which may have been concluded through formal agreements between the partners.

1 Partner categories:

Academic partners: Universities, universities of applied sciences etc.

Industry partners: Companies, company research laboratories, consultancies, etc

Research and Technology Organisations: Public or private research and technology organisations

Other partners: Government bodies or agencies (e.g. ministries, agencies on the municipal, regional, national or European level), other partners (e.g. NGOs), etc

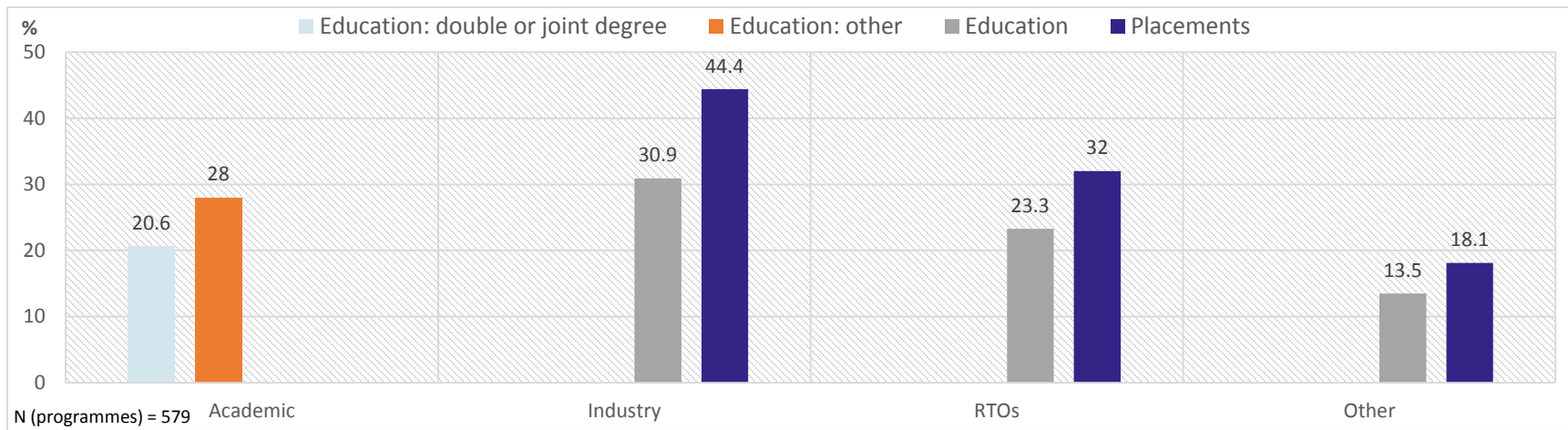
2 Form of cooperation

Research: The project/topic involves partners that conduct research as a part of a project/topic.

Access to research infrastructure: Offering access to research facilities/infrastructure for research staff of your institution and/or your institution offering access to research infrastructure for partners.

Hosting doctoral candidates: Partner is offering (temporary or permanent) positions for Doctorate candidates to conduct research or write a dissertation in their institution.

Cooperation with external partners - master programmes



Question: Please specify the types of external partners and the form of partnerships in relation to the Master programmes.

Mark boxes (☑) to indicate whether your institution maintains a partnership with a specific purpose within the framework of a given Master programme. For joint/double degree programmes, please select 'Education: Double/joint degree'.

By partnerships, we refer to formal (i.e. not ad hoc) cooperation between your institution and a third party. The third party can, for example, give official lectures to students or host students as part of their training. Ideally, the cooperation is clearly defined and integrated in the programme structure.

1 Partner categories:

Academic partners: Universities, universities of applied sciences etc.

Industry partners: Companies, company research laboratories, consultancies, etc

Research and Technology Organisations: Public or private research and technology organisations

Other partners: Government bodies or agencies (e.g. ministries, agencies on the municipal, regional, national or European level), other partners (e.g. NGOs), etc.

2 Form of cooperation (academic partners)

Education - double or joint degree: Please tick this box if the programme is a double or a joint degree offered in cooperation with other academic institutions.

Education - other: Offering regular education activities to students of the programme, e.g. lectures or other courses, offering lab facilities and/or dedicating time to students, site visits or other activities.

3 Form of cooperation (all other partners)

Education: Offering regular education activities to students of the programme, e.g. lectures or other courses, offering lab spaces and/or time for students, site visits or other activities.

Placements (internship / thesis): Please tick this box if an industry partner is regularly offering internships for students or to write a thesis in a partner company/organisation.

The EUROPEAN ATLAS OF UNIVERSITIES IN ENERGY RESEARCH & EDUCATION



For more
information go to

www.uni-set.eu

uni-set@eua.be

 @uniset_fp7



MOBILISING THE RESEARCH, INNOVATION AND EDUCATIONAL CAPACITIES OF EUROPE'S UNIVERSITIES IN THE SET-PLAN