# reSEArch-EU Survey

## Positioning of key investigators towards societal challenges

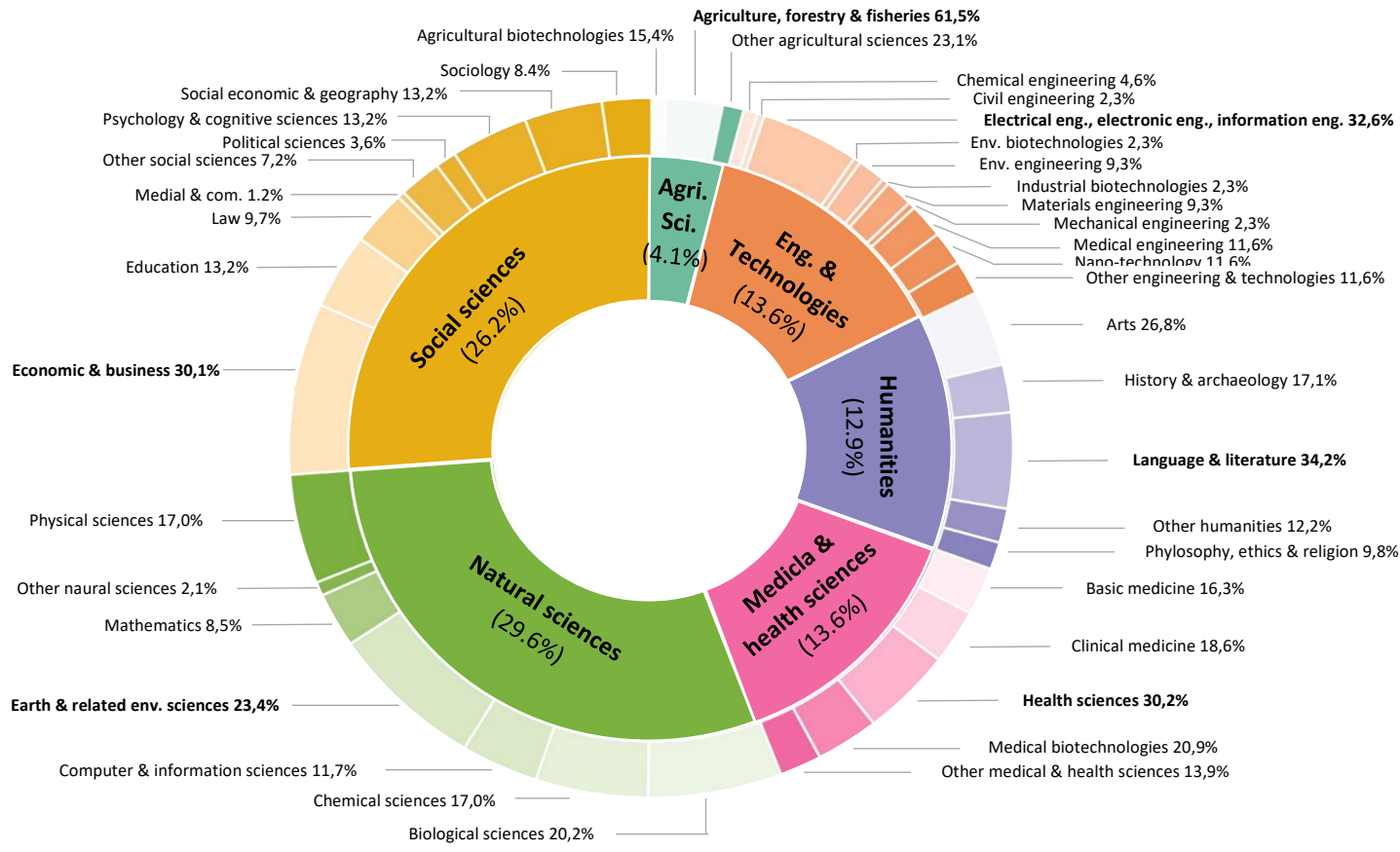SEA-EU | reSEArch-EU | This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101017454

The survey was distributed to the nine partner universities of the SEA-EU alliance and was available for over a month.

**180** participants

Research group size **2 - 240** *A few responses were provided by single individuals*

## Number of respondents per university

UCA Universidad de Cádiz — **18** participants

UBO Université de Bretagne Occidentale — **27** participants

CAU Kiel University Christian-Albrechts-Universität zu Kiel — **45** participants

University of Gdańsk — **30** participants

University of Split — **10** participants

L-Università ta' Malta — **10** participants

UAlg Universidade do Algarve — **15** participants

Università degli Studi di Napoli Parthenope — **8** participants

NORD University — **17** participants

## Participants' research fields *(FOS classification, n=215)* *

\* Participants were allowed multiple responses



- Agricultural biotechnologies 15,4%
- Sociology 8.4%
- Social economic & geography 13,2%
- Psychology & cognitive sciences 13,2%
- Political sciences 3,6%
- Other social sciences 7,2%
- Medial & com. 1.2%
- Law 9,7%
- Education 13,2%
- **Economic & business 30,1%**
- Physical sciences 17,0%
- Other naural sciences 2,1%
- Mathematics 8,5%
- **Earth & related env. sciences 23,4%**
- Computer & information sciences 11,7%
- Chemical sciences 17,0%
- Biological sciences 20,2%

- **Agriculture, forestry & fisheries 61,5%**
- Other agricultural sciences 23,1%
- Chemical engineering 4,6%
- Civil engineering 2,3%
- **Electrical eng., electronic eng., information eng. 32,6%**
- Env. biotechnologies 2,3%
- Env. engineering 9,3%
- Industrial biotechnologies 2,3%
- Materials engineering 9,3%
- Mechanical engineering 2,3%
- Medical engineering 11,6%
- Nano-technology 11,6%
- Other engineering & technologies 11,6%
- Arts 26,8%
- History & archaeology 17,1%
- **Language & literature 34,2%**
- Other humanities 12,2%
- Phylosophy, ethics & religion 9,8%
- Basic medicine 16,3%
- Clinical medicine 18,6%
- **Health sciences 30,2%**
- Medical biotechnologies 20,9%
- Other medical & health sciences 13,9%

Inner ring:
- Agri. Sci. (4.1%)
- Eng. & Technologies (13.6%)
- Humanities (12.9%)
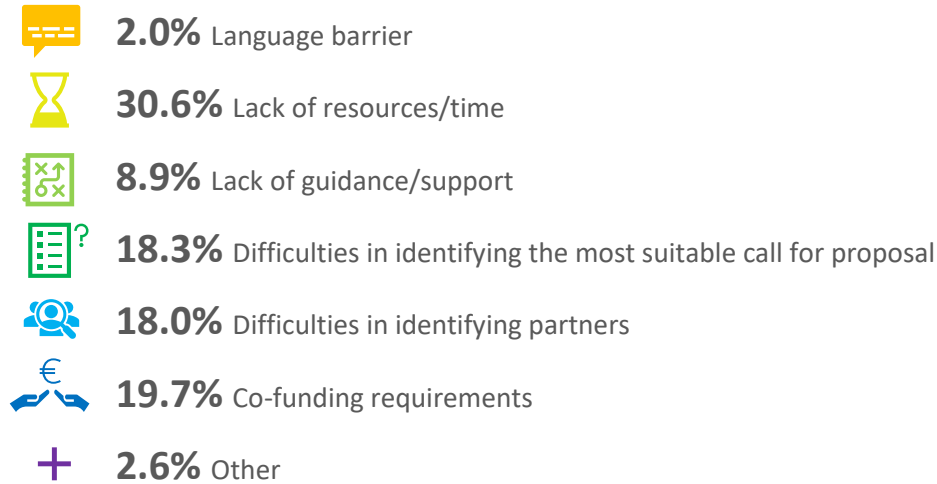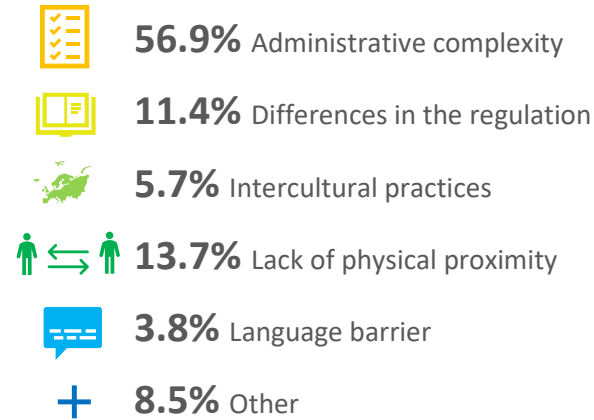- Medicla & health sciences (13.6%)
- Natural sciences (29.6%)
- Social sciences (26.2%)

# Research collaborations*

*\* Participants were allowed multiple responses*

## Challenges in setting up collaborations *(n=350)*

- **2.0%** Language barrier
- **30.6%** Lack of resources/time
- **8.9%** Lack of guidance/support
- **18.3%** Difficulties in identifying the most suitable call for proposal
- **18.0%** Difficulties in identifying partners
- **19.7%** Co-funding requirements
- **2.6%** Other

## Challenges regarding ongoing collaborations *(n=211)*

- **56.9%** Administrative complexity
- **11.4%** Differences in the regulation
- **5.7%** Intercultural practices
- **13.7%** Lack of physical proximity
- **3.8%** Language barrier
- **8.5%** Other

## Preferred collaboration *(n=319)*
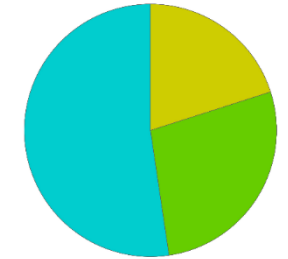
- **52.4%** European/International
- **27.6%** National
- **20.1%** Regional

## Involvement in interdisciplinary projects *(n=180)*

**52.8%** / **47.2%**
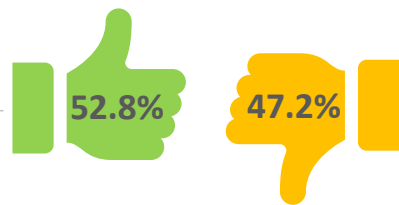
Includes projects involving hard sciences, social and/or humanity sciences

## Involvement with public & private stakeholders *(n=180)*
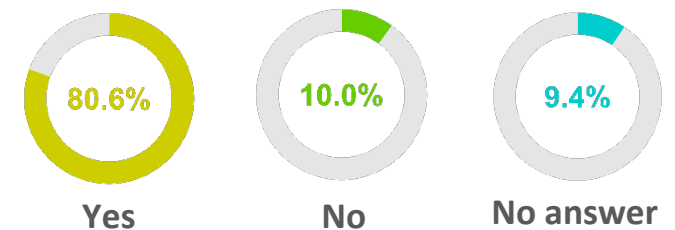
**52.2%** / **47.8%**
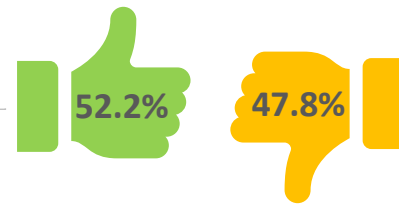
E.g. small & large industries, NGOs, schools, municipalities, government, policy makers, local and indigenous actors...

## Percentage of research group which already collaborated with SEA EU partners *(n=180)*
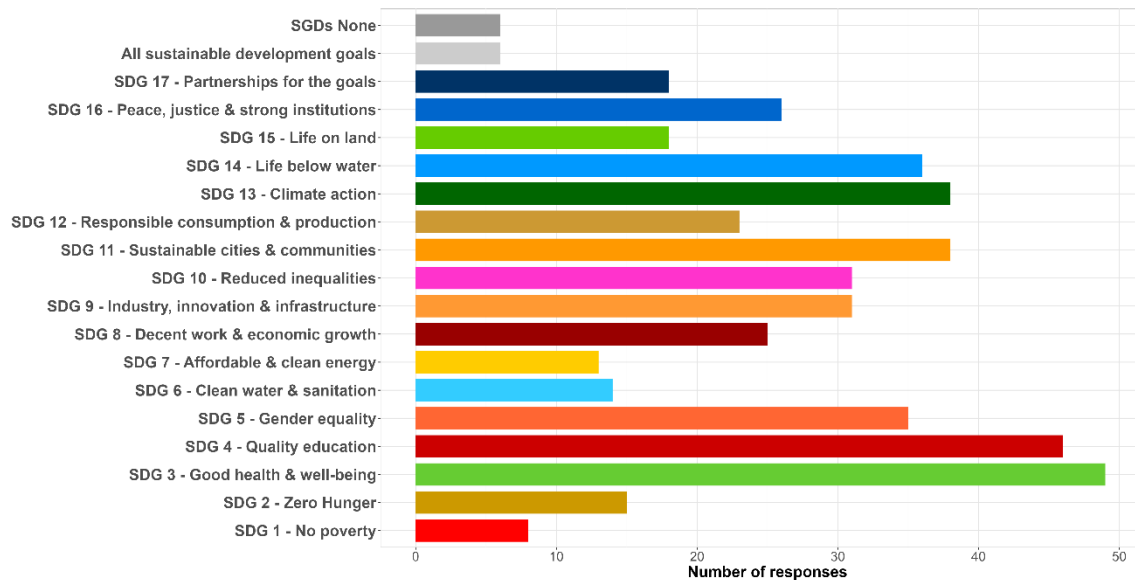
- **26.7%** Yes
- **70.5%** No
- **2.8%** No answer
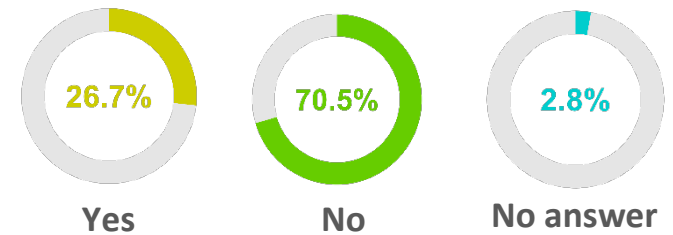
## Percentage of respondents who are willing to collaborate with SEA EU partners *(n=180)*
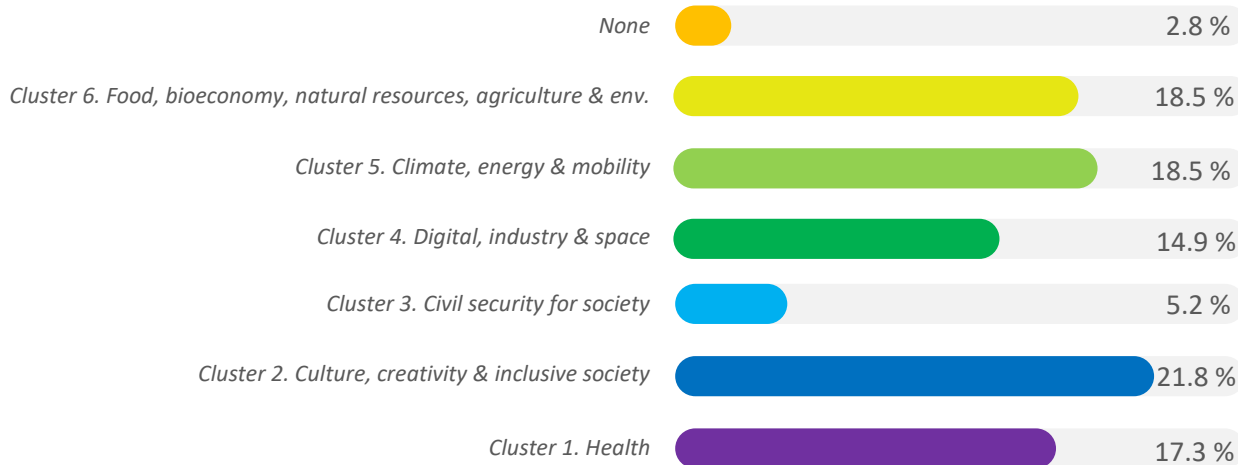
- **80.6%** Yes
- **10.0%** No
- **9.4%** No answer

# Research interests & societal challenges (using the SDGs and Horizon Europe)*

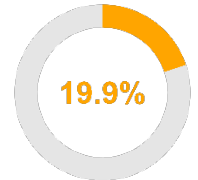* Participants were allowed multiple responses

## SDGs
*(n=476)*



Bar chart "Number of responses":
- SGDs None
- All sustainable development goals
- SDG 17 - Partnerships for the goals
- SDG 16 - Peace, justice & strong institutions
- SDG 15 - Life on land
- SDG 14 - Life below water
- SDG 13 - Climate action
- SDG 12 - Responsible consumption & production
- SDG 11 - Sustainable cities & communities
- SDG 10 - Reduced inequalities
- SDG 9 - Industry, innovation & infrastructure
- SDG 8 - Decent work & economic growth
- SDG 7 - Affordable & clean energy
- SDG 6 - Clean water & sanitation
- SDG 5 - Gender equality
- SDG 4 - Quality education
- SDG 3 - Good health & well-being
- SDG 2 - Zero Hunger
- SDG 1 - No poverty

## Horizon Europe Pillar 2 - Clusters *(n=248)*

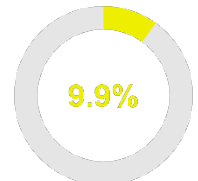| | |
|---|---|
| None | 2.8 % |
| Cluster 6. Food, bioeconomy, natural resources, agriculture & env. | 18.5 % |
| Cluster 5. Climate, energy & mobility | 18.5 % |
| Cluster 4. Digital, industry & space | 14.9 % |
| Cluster 3. Civil security for society | 5.2 % |
| Cluster 2. Culture, creativity & inclusive society | 21.8 % |
| Cluster 1. Health | 17.3 % |

## Horizon Europe
## Five Missions - *(n=191)*

1. Adaptation to climate change — **19.9%**

2. Cancer — **9.9%**

3. Restore our ocean & waters by 2030 — **18.8%**
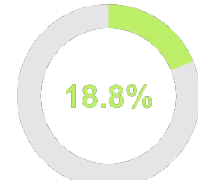
4. 100 climate-neutral & smart cities by 2030 — **11.5%**
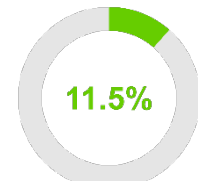
5. A soil deal for Europe — **3.7%**

None — **36.1%**
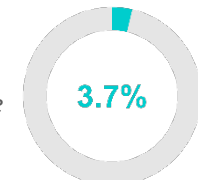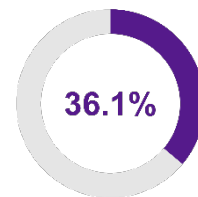
# Research practices*

* Participants were allowed multiple responses

## Practices of Open Science *(n=346)*

| Practice | Percentage |
|----------|-----------|
| Other | 4.3 % |
| Science communication | 21.1 % |
| Green open access | 13.9 % |
| Golden open access | 24.3 % |
| Ethics | 7.8 % |
| Data repositories | 19.9 % |
| Citizen science | 8.7 % |
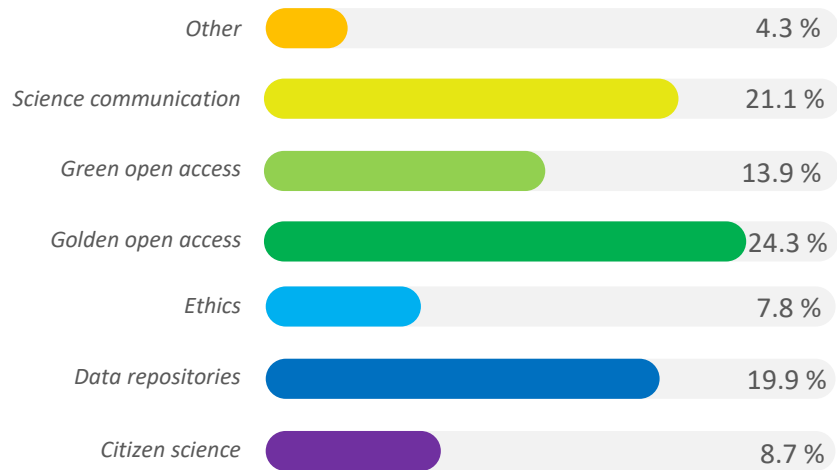
## What type of research facilities are used by the respondents?
*(n=420)*

| Facility | Percentage |
|----------|-----------|
| Other | 1.2 % |
| Shared equipment | 10.7 % |
| Technological platforms | 12.4 % |
| Research collections | 10.7 % |
| Large-computational tools | 8.1 % |
| High performance equipment | 11.4 % |
| Databases | 28.1 % |
| Biobanks | 3.8 % |
| Archives | 13.6 % |