

Survey Toluna-Harris Interactive

Europeans and space activities

How do Europeans perceive issues related to space?

Study methodology



- Study carried out online between **25 September – 6 October 2022**.
- Sample of **21,366** Europeans comprising 22 representative samples of the national population aged 18 or over in each of the following countries:



Austria: 1 011 people	Ireland: 1 005 people
Belgium: 1 119 people	Luxembourg: 490 people
Czech Republic: 1 023 people	Netherlands: 1 008 people
Denmark: 1 009 people	Norway: 1 008 people
Estonia: 529 people	Poland: 1 049 people
Finland: 1 007 people	Portugal: 1 000 people
France: 1 030 people	Romania: 1 010 people
Germany: 1 006 people	Spain: 1 025 people
Greece: 1 099 people	Sweden: 1 004 people
Hungary: 1 011 people	Switzerland: 597 people
Italy: 1 059 people	United Kingdom: 1 267 people

Representativeness is ensured by the quota method and an adjustment applied to the following variables: gender, age, employment and region of residence of respondents in each country. Each country was given a weighting to reflect the impact of its domestic market within the overall sample.

For the purposes of this document, the term “Europeans” refers to inhabitants of the 22 countries covered by this study. The results obtained in the different countries are represented by flags.

Evolutions refer to the previous studies carried out in 2018 and 2019 in five countries (France, Germany, Italy, The United Kingdom and Spain) and mark evolution superior or equal to 3 points.



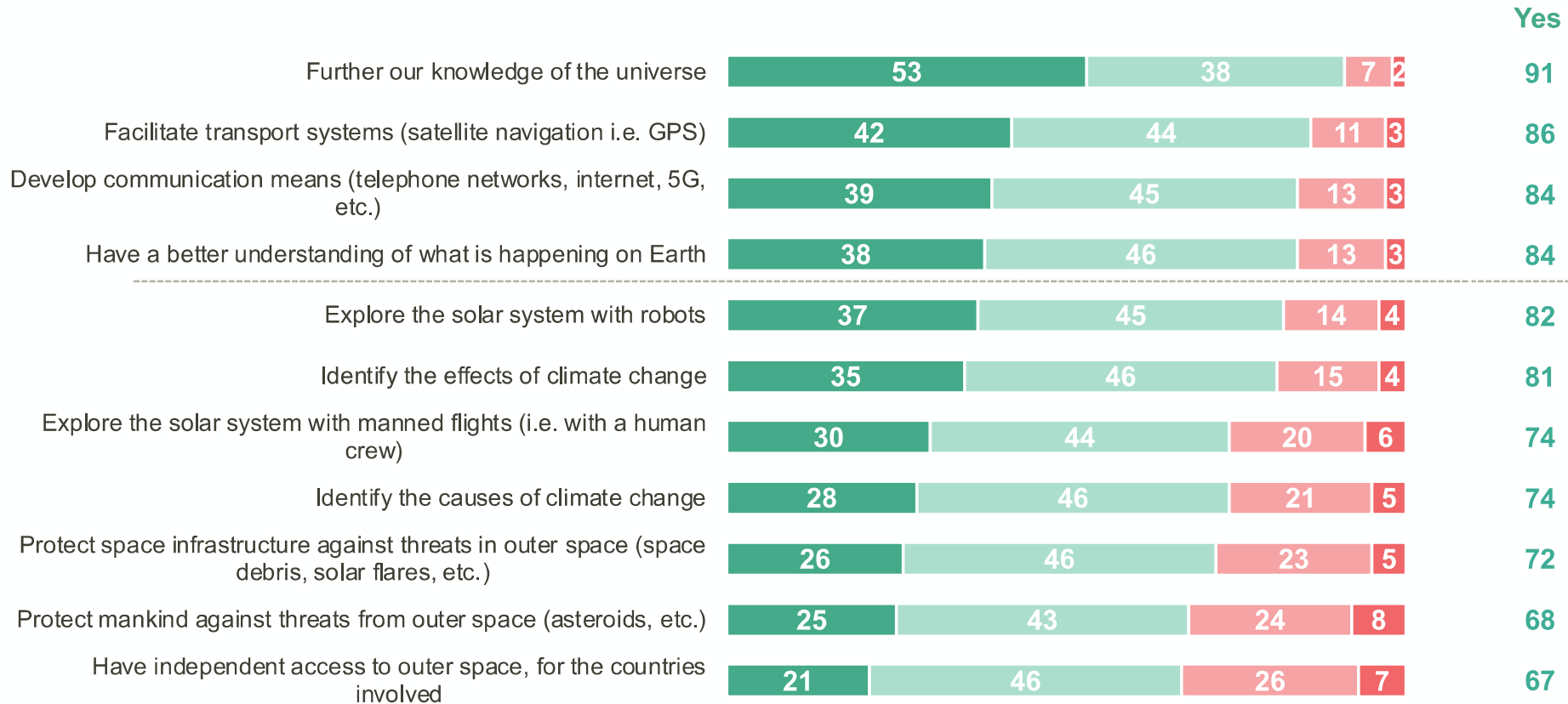
Perception of the purpose of space activities

Space activities are mostly perceived as enabling better knowledge of the universe (91%) and bringing improvements in transport and communication on Earth. They are less seen as allowing independent access to outer space for the countries involved



In your opinion, do space activities today allow us to...?

- To all, in % -

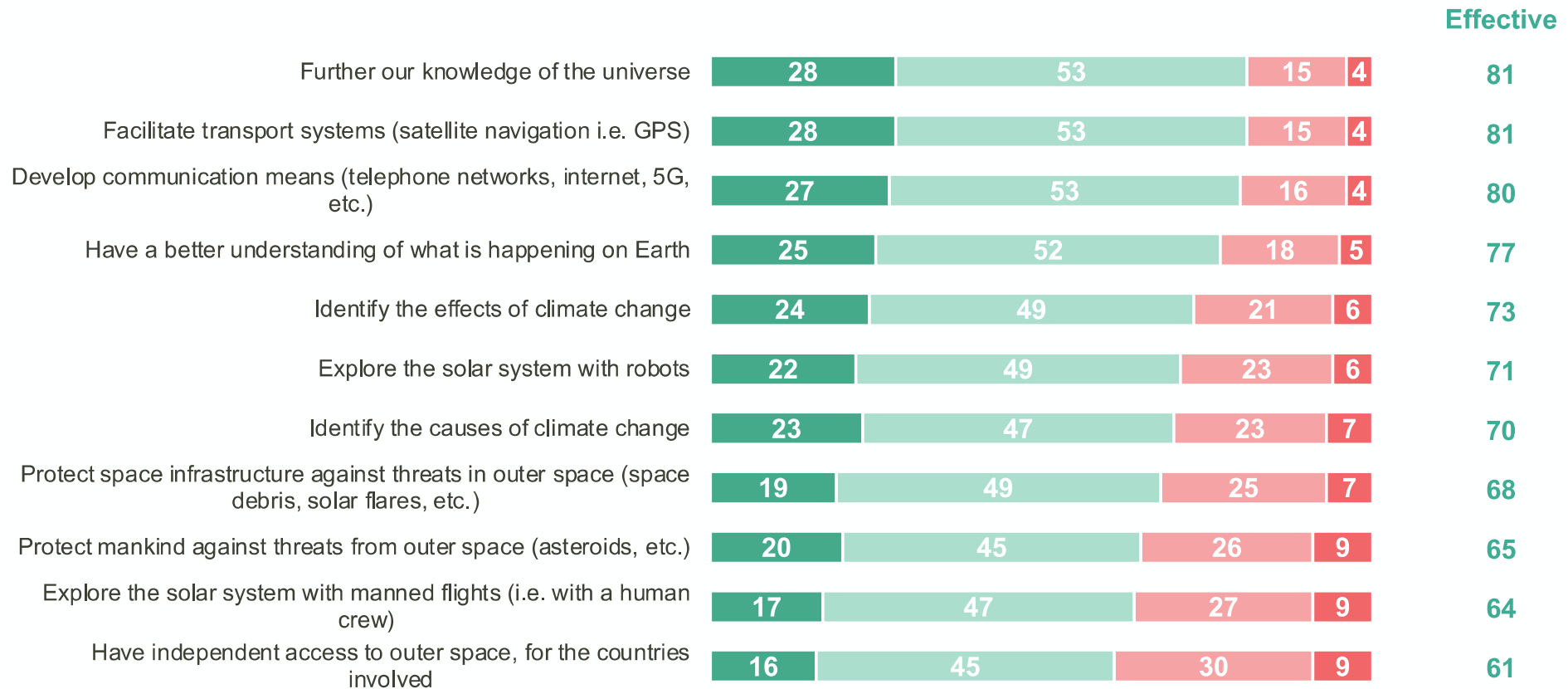


The majority of respondents think that space activities are effective, particularly regarding knowledge of the universe (81%), facilitation of transport systems (81%) and communication means (80%)



More specifically, from what you know about them or the idea that you have about them, how effective are the space activities carried out in Europe in enabling us to...?

- To all, in % -

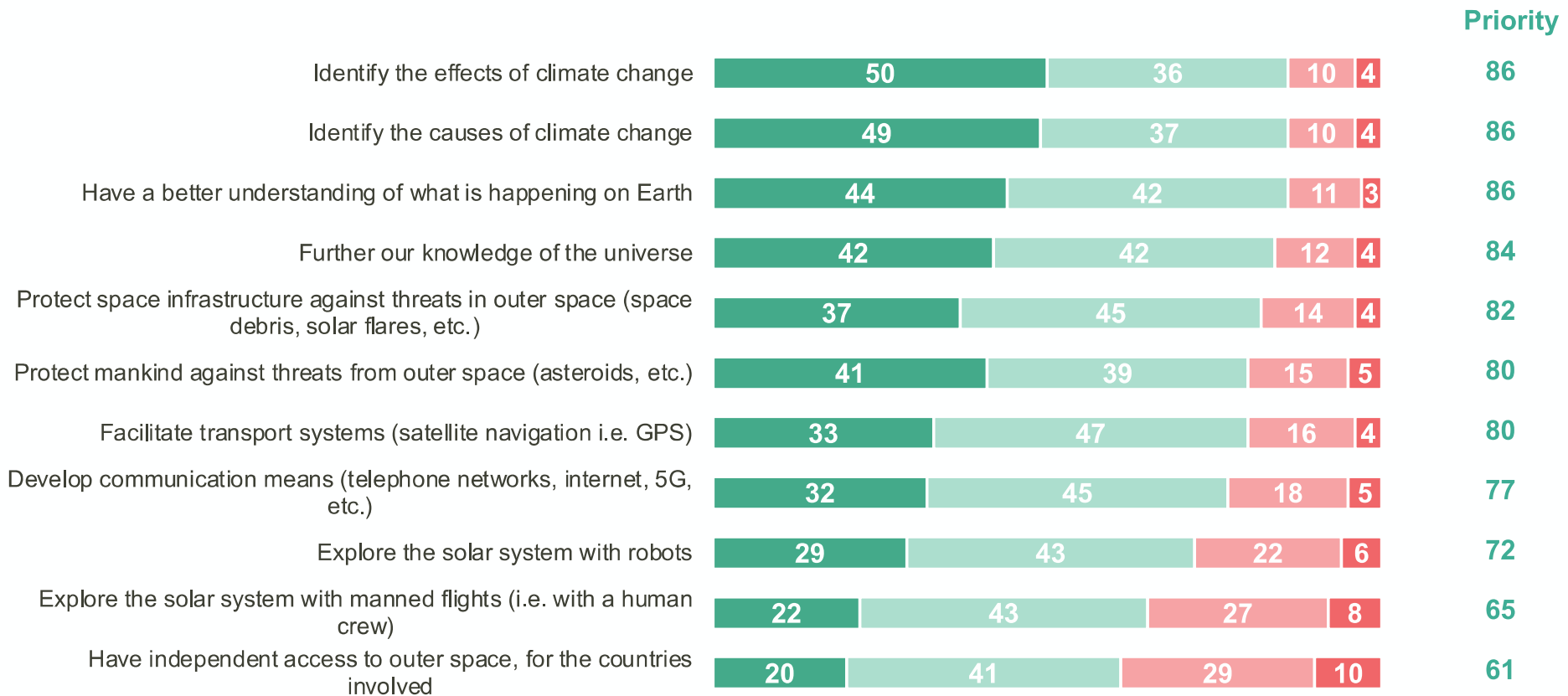


For almost 9 in 10 Europeans, priority should be given to collecting insights on climate change and to fostering the understanding of what is happening on Earth



In the future, do you believe that priority should be given or not to space activities that allow us to...?

- To all, in % -



European space autonomy

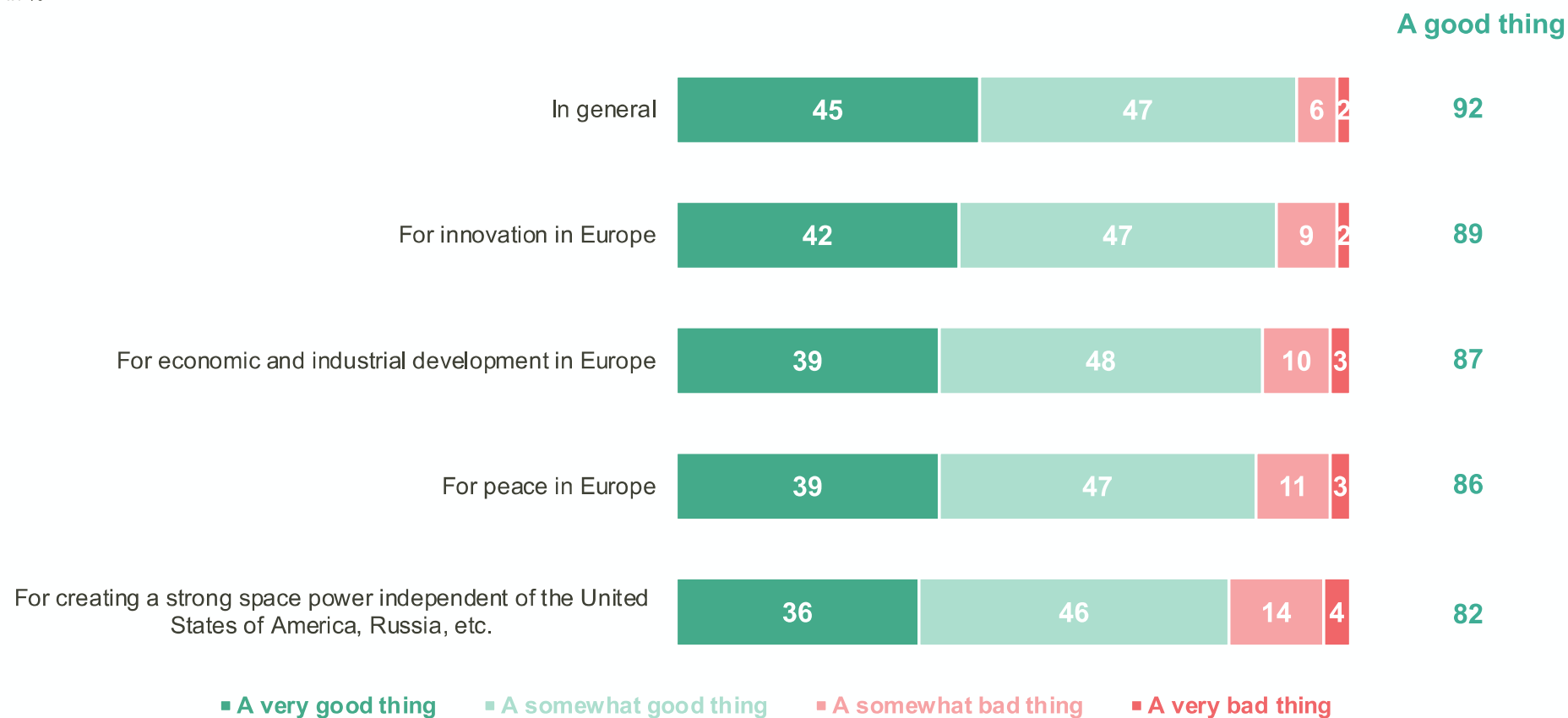


A large majority of respondents think that space activities globally are a good thing. In detail, Europeans first mention innovation (89%) and economic development (87%)



European countries currently collaborate with each other in their space activities. Personally, do you believe that this collaboration of European countries in these activities is a good or bad thing...?

- To all, in % -



8 in 10 respondents agree that European countries should be able to compete against major space powers and should be independent of their competitors' decisions



Do you agree or disagree with the following statements ?

- To all, in % -



Agree

The pooling of European space activities should enable European countries to compete against the major space powers (United States of America, Russia, China, India, Brazil, etc.)



82

European space activities should be independent of decisions made by other major powers (United States of America, Russia, China, India, Brazil, etc.)



81

■ Completely agree
 ■ Mostly agree
 ■ Mostly disagree
 ■ Completely disagree





DETAILS 5 countries

Among the five initial countries of the barometer, the wish for pooling and independence of European space activities has significantly increased since the last wave



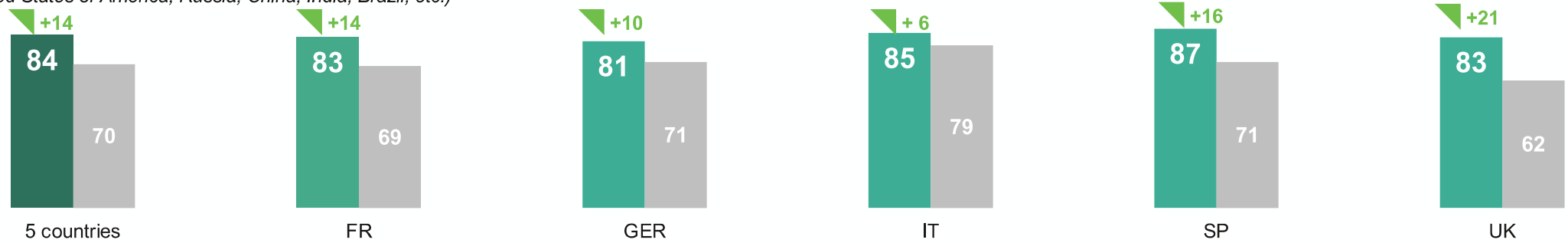
Do you agree or disagree with the following statements ?

- To all, in % of « Agree » -

Evolutions refer to the wave 2 (2019)

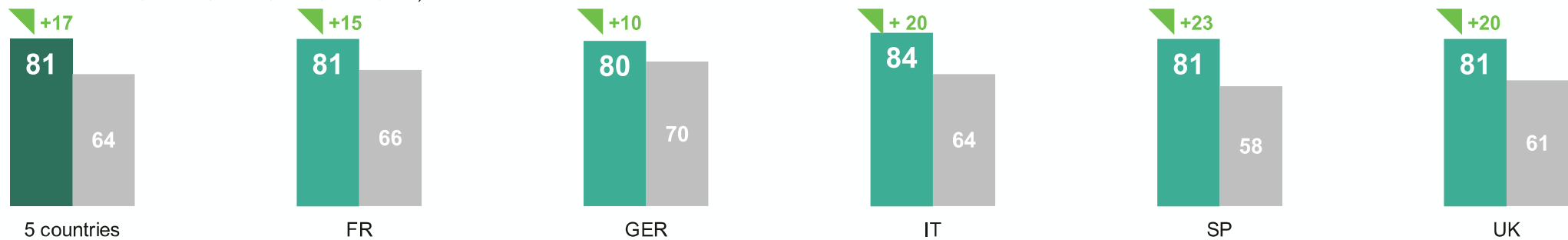
The pooling of European space activities should enable European countries to compete against the major space powers

(United States of America, Russia, China, India, Brazil, etc.)



European space activities should be independent of decisions made by other major powers

(United States of America, Russia, China, India, Brazil, etc.)

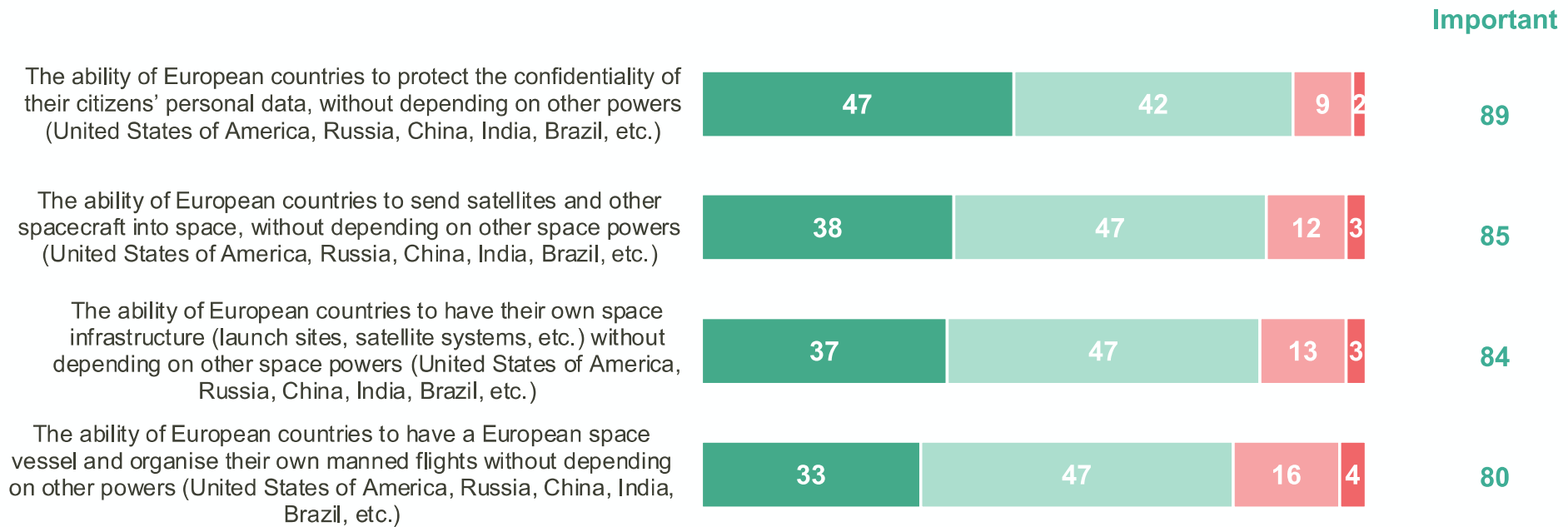


The independence of European space activities is globally seen as important whatever the concerned area, especially the protection of citizens' personal data



More specifically, how important do you consider the independence of European space activities compared to other major space powers (United States of America, Russia, China, India, Brazil, etc.), in the following areas...?

- To all, in % -



■ Very important
 ■ Somewhat important
 ■ Somewhat unimportant
 ■ Not at all important





DETAILS 5 countries

Since 2019, the importance of European independence in space activities has strongly increased



More specifically, how important do you consider the independence of European space activities compared to other major space powers (United States of America, Russia, China, India, Brazil, etc.), in the following areas...?

- To all, in % of « Important » -

Evolutions refer to the wave 2 (2019)

The ability of European countries to...



	5 countries	France	Germany	Italy	Spain	UK
	2022	2022	2022	2022	2022	2022
protect the confidentiality of their citizens' personal data, without depending on other powers	88 ▼ +6	86 ▼ +6	85 ▼ +6	91 ▼ +5	89 ▼ +8	89 ▼ +7
send satellites and other spacecraft into space, without depending on other space powers	84 ▼ +9	83 ▼ +10	82 ▼ +10	87 ▼ +7	88 ▼ +14	85 ▼ +12
have their own space infrastructure without depending on other space powers	84 ▼ +10	84 ▼ +10	80 ▼ +9	88 ▼ +8	86 ▼ +12	85 ▼ +14
have a European space vessel and organise their own manned flights without depending on other powers New item	81	79	77	84	84	82

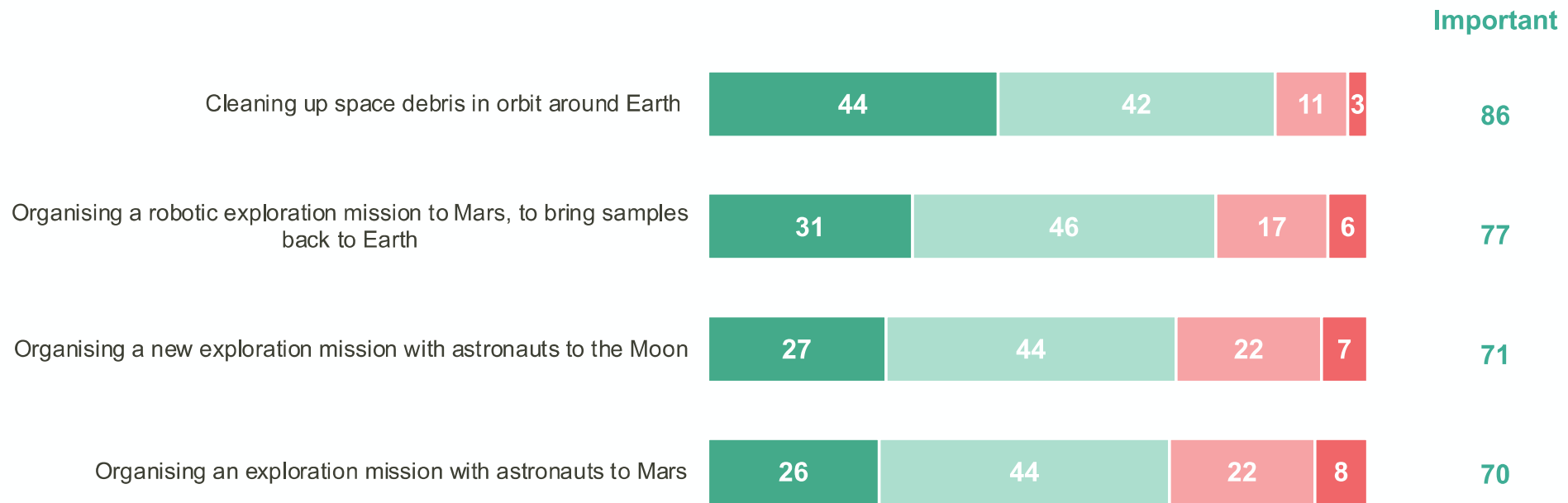


If Europe is identified as an important actor for organising missions in outer space, cleaning up space debris in orbit is seen as its top ability



In your opinion, how important should Europe's role be in each of the following space projects ?

- To all, in % -



■ Very important
 ■ Somewhat important
 ■ Somewhat unimportant
 ■ Not at all important





DETAILS 5 countries

Since 2019, the importance of space missions has strongly increased



In your opinion, how important should Europe's role be in each of the following space projects ?

- To all, in % of « Important » -

Evolutions refer to the wave 2 (2019)



	5 countries	France	Germany	Italy	Spain	UK
	2022	2022	2022	2022	2022	2022
Cleaning up space debris in orbit around Earth New item	84	84	81	88	85	86
Organising a robotic exploration mission to Mars, to bring samples back to Earth	76 ▼ +18	74 ▼ +20	73 ▼ +17	84 ▼ +17	75 ▼ +16	78 ▼ +22
Organising a new exploration mission with astronauts to the Moon	71 ▼ +18	70 ▼ +19	65 ▼ +16	78 ▼ +15	74 ▼ +19	72 ▼ +21
Organising an exploration mission with astronauts to Mars	69 ▼ +16	66 ▼ +15	63 ▼ +14	79 ▼ +14	70 ▼ +17	72 ▼ +19

