



Latvia's participation results in Horizon Europe and future projections

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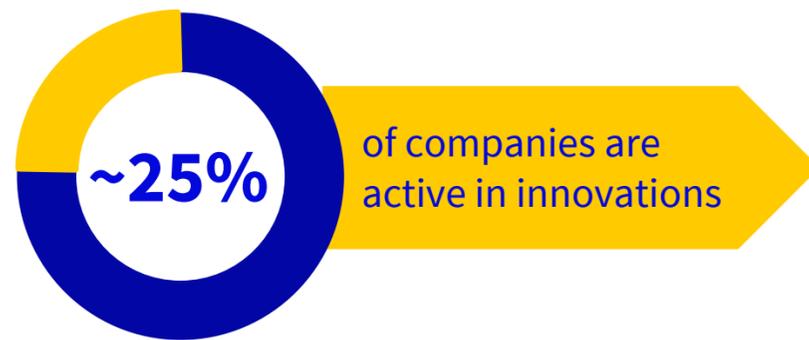


Main facts about Latvian R&D

Funding



In 2021, 0.74% of GDP were invested in R&D



Research environment

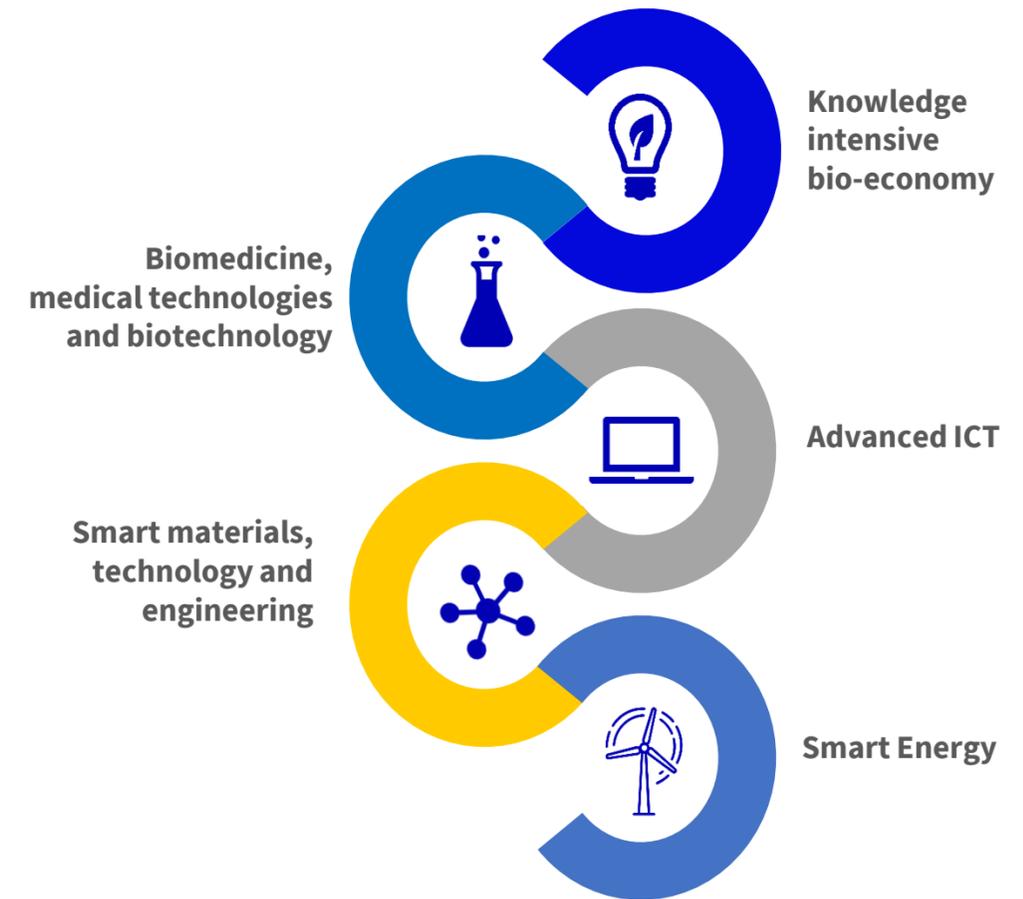


22 state funded research institutions



(7050 in FTE), ~20 % work in the industry (2021)

SMART SPECIALISATION AREAS



Main Policy Priorities in R&D for 2021-2027

1

1.5% R&D % of GDP

Sufficient public support, emerging private R&D investments

2

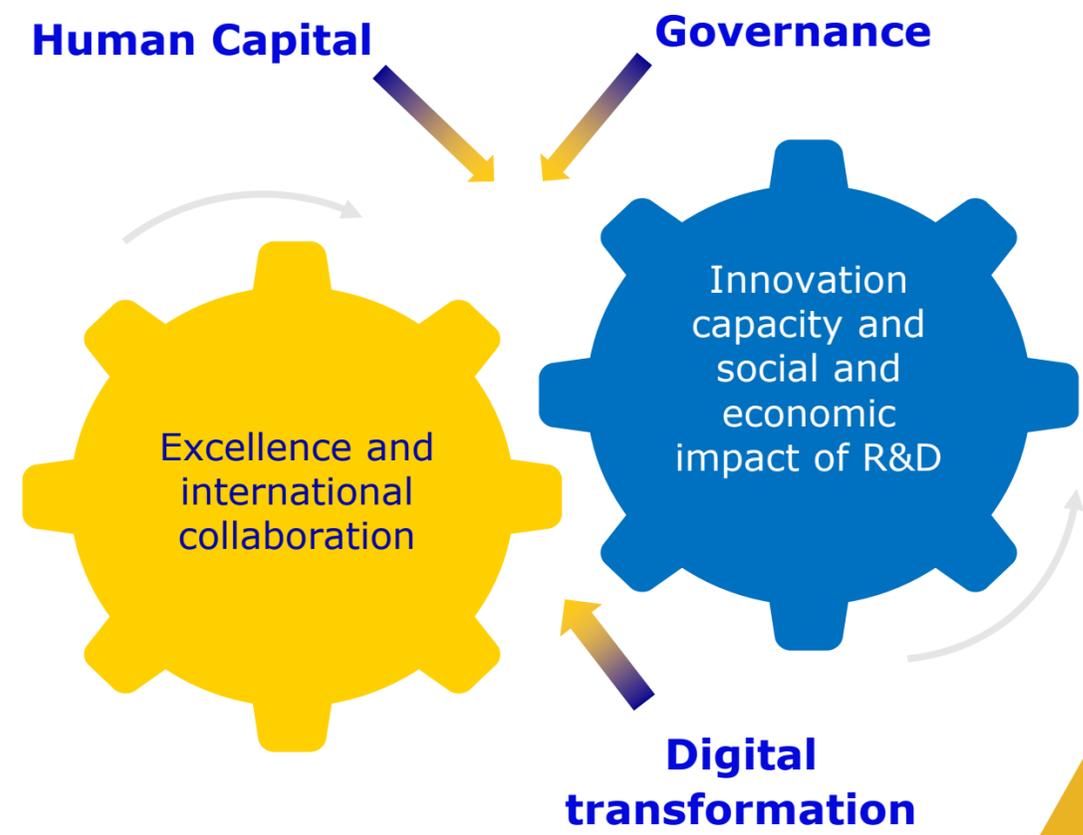
At least 8000 research personnel (in FTE)

Sustainable growth of R&D human capital needed to foster economic transformations

3

Diverse and competitive research system

Success on the international stage (e.g. Horizon Europe)



MAIN RESEARCH UNIVERSITIES



RIGA TECHNICAL UNIVERSITY



UNIVERSITY OF LATVIA



RĪGA STRADIŅŠ UNIVERSITY

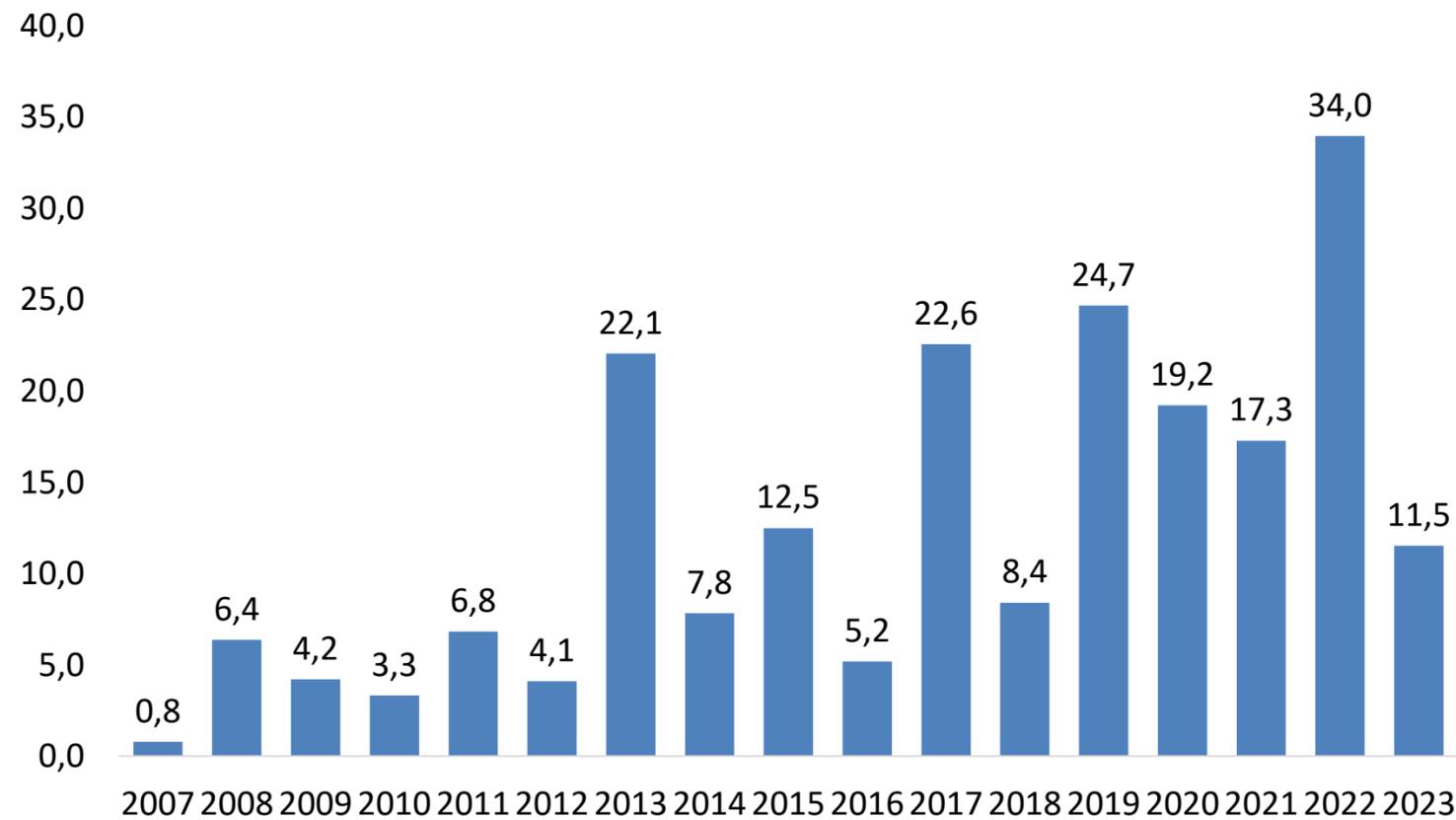


Latvia University of Life Sciences and Technologies



Latvian results in EU Framework programmes

Latvian results in EU framework programmes by year (net EU contribution, million euros)



46,5 Million euros

Latvian current results in Horizon Europe programme

Since 2007 Latvia has implemented projects for more than 210 million euros from European Framework programmes

Strong increase in results since 2019. Horizon Europe start better than Horizon 2020

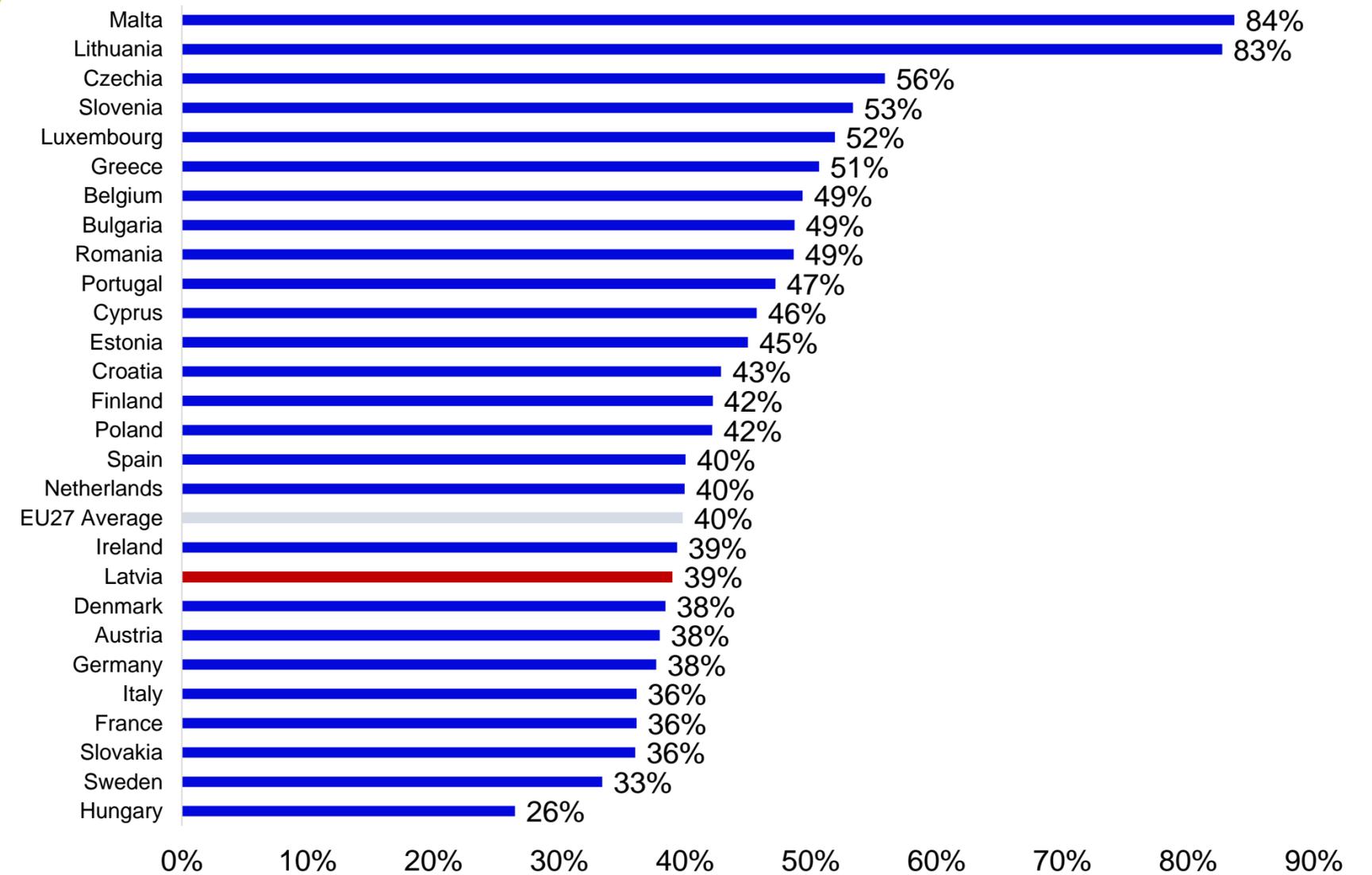


Horizon Europe - decent start for Latvian institutions

Latvia since launch of Horizon Europe already has 39 % of total H2020 project funding.

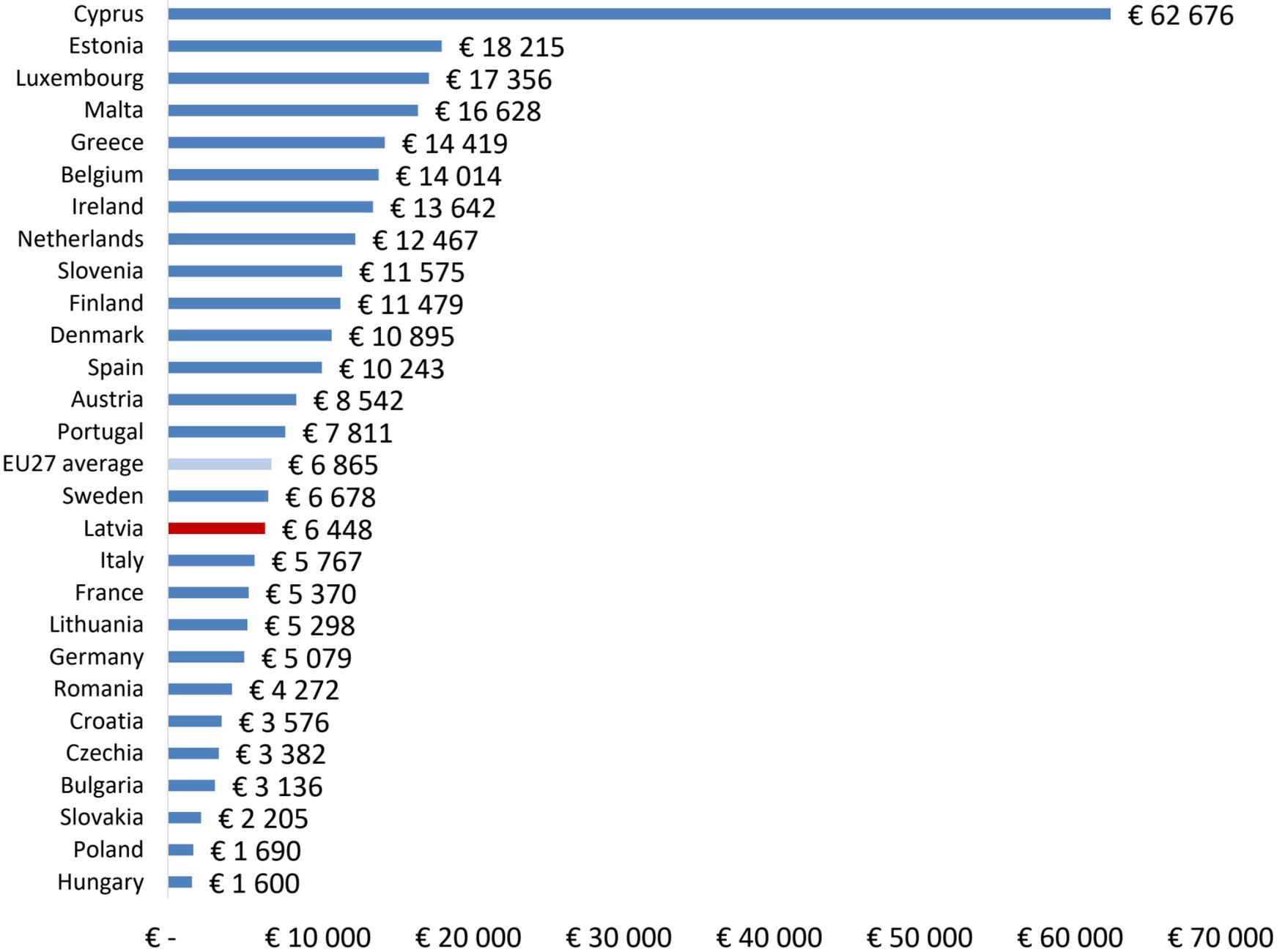
Similar start of the programme in line with the average EU-27 level

Horizon Europe results as % of H2020 total



Horizon Europe funding per researcher in a country

Total Horizon Europe EU funding for 1 research personell (FTE in 2021) in EU countries

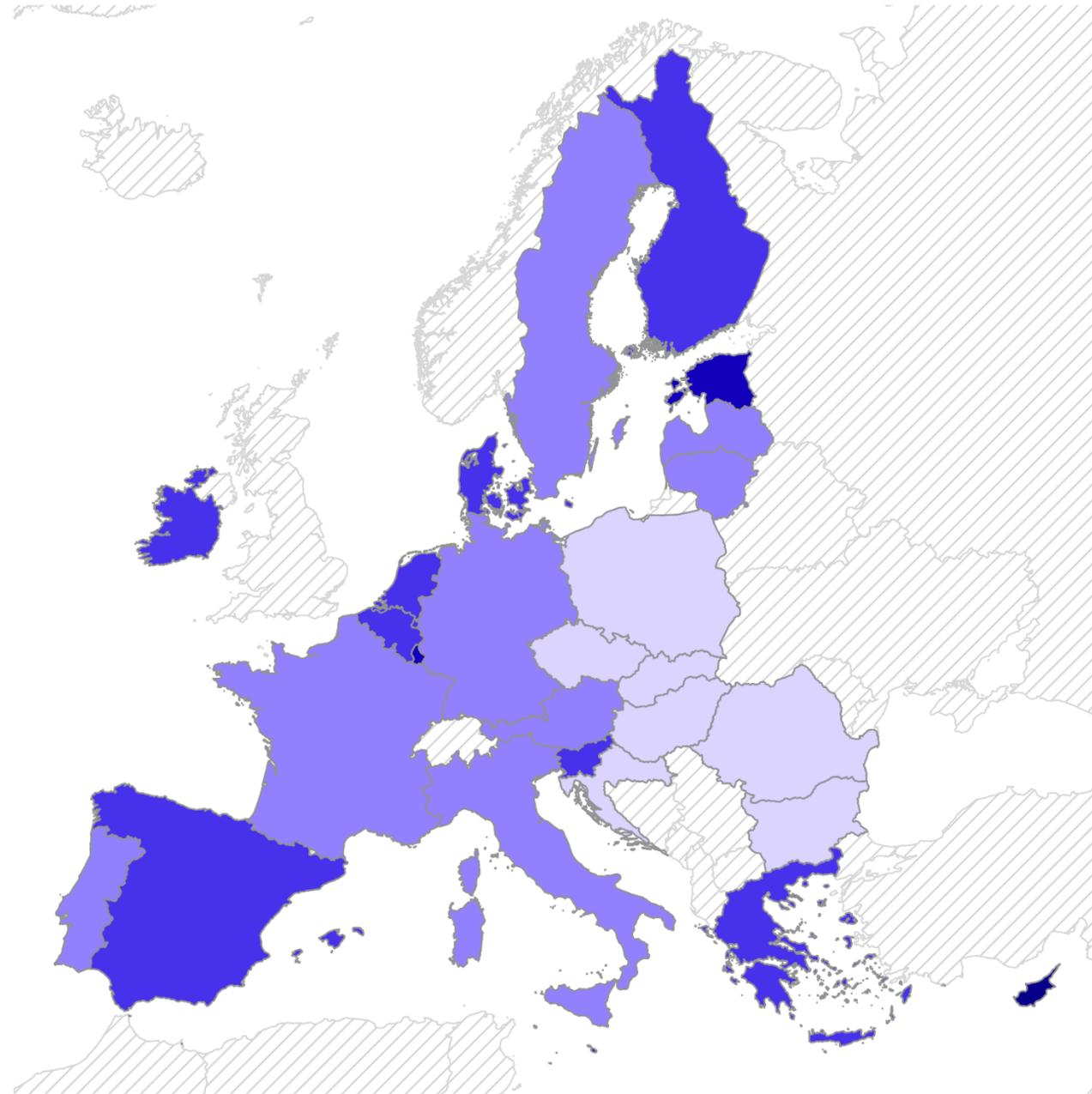


Horizon Europe project funding is ~ 6 500 euros for 1 FTE researcher

Better result than Lithuania, 1/3 of Estonian level



Horizon Europe geographical divide in EU



Horizon Europe funding
(september 2023)
per 1 FTE researcher in EU countries

- 0
- <5000
- 5000 - 10000
- 10000 - 15000
- 15000 - 20000
- 62676

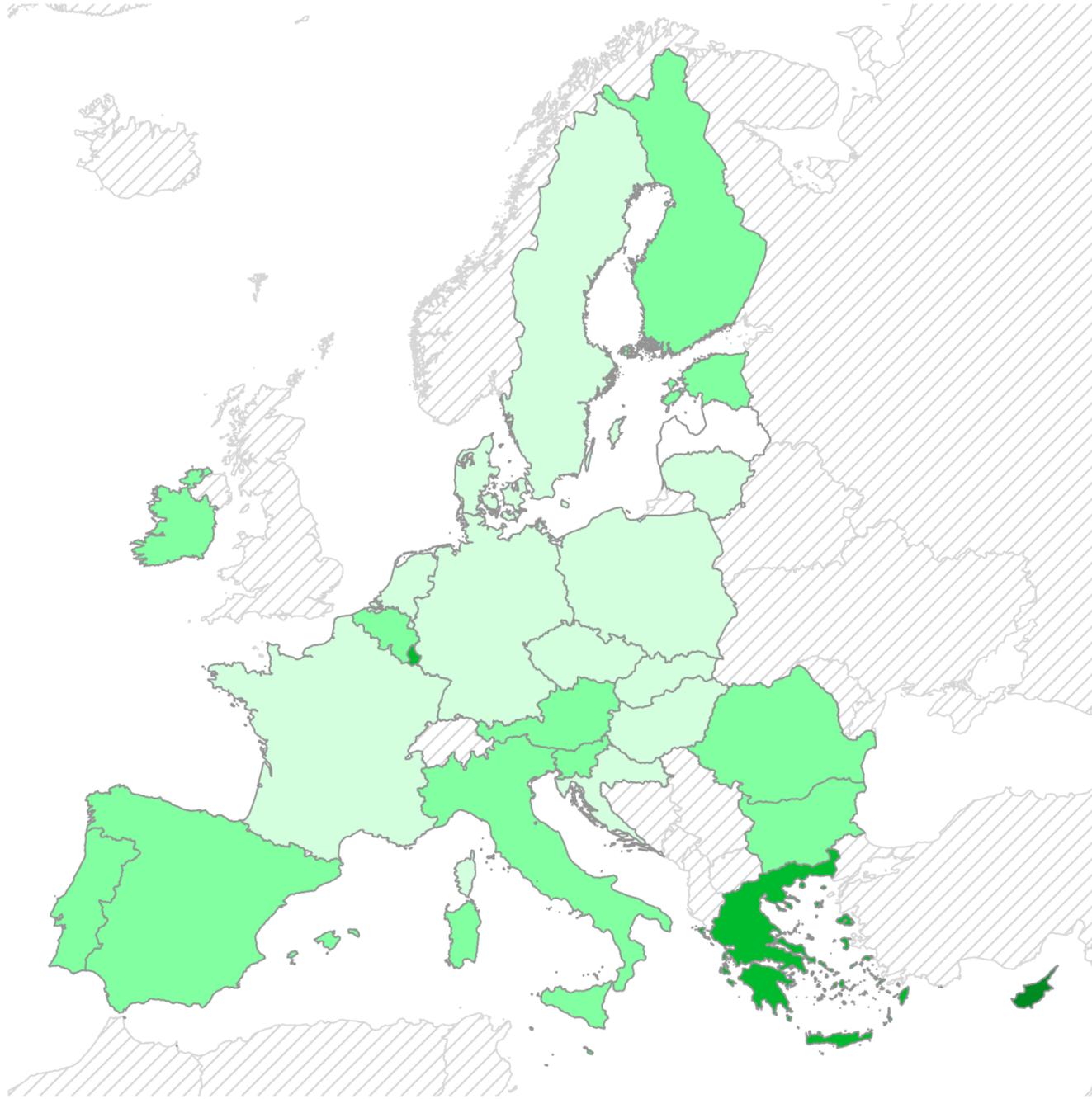
EU-13 countries have overall weaker results in Horizon Europe programme (project funding per researcher)

Latvia has 0,2 % of total Horizon Europe funding from EU27 countries





Civil Security for Society



Horizon Europe funding in Civil Security for Society (september 2023) euros per 1 FTE researcher in EU countries

- 0
- <100
- 100 - 400
- 400 - 800
- 800 - 1200
- 4174

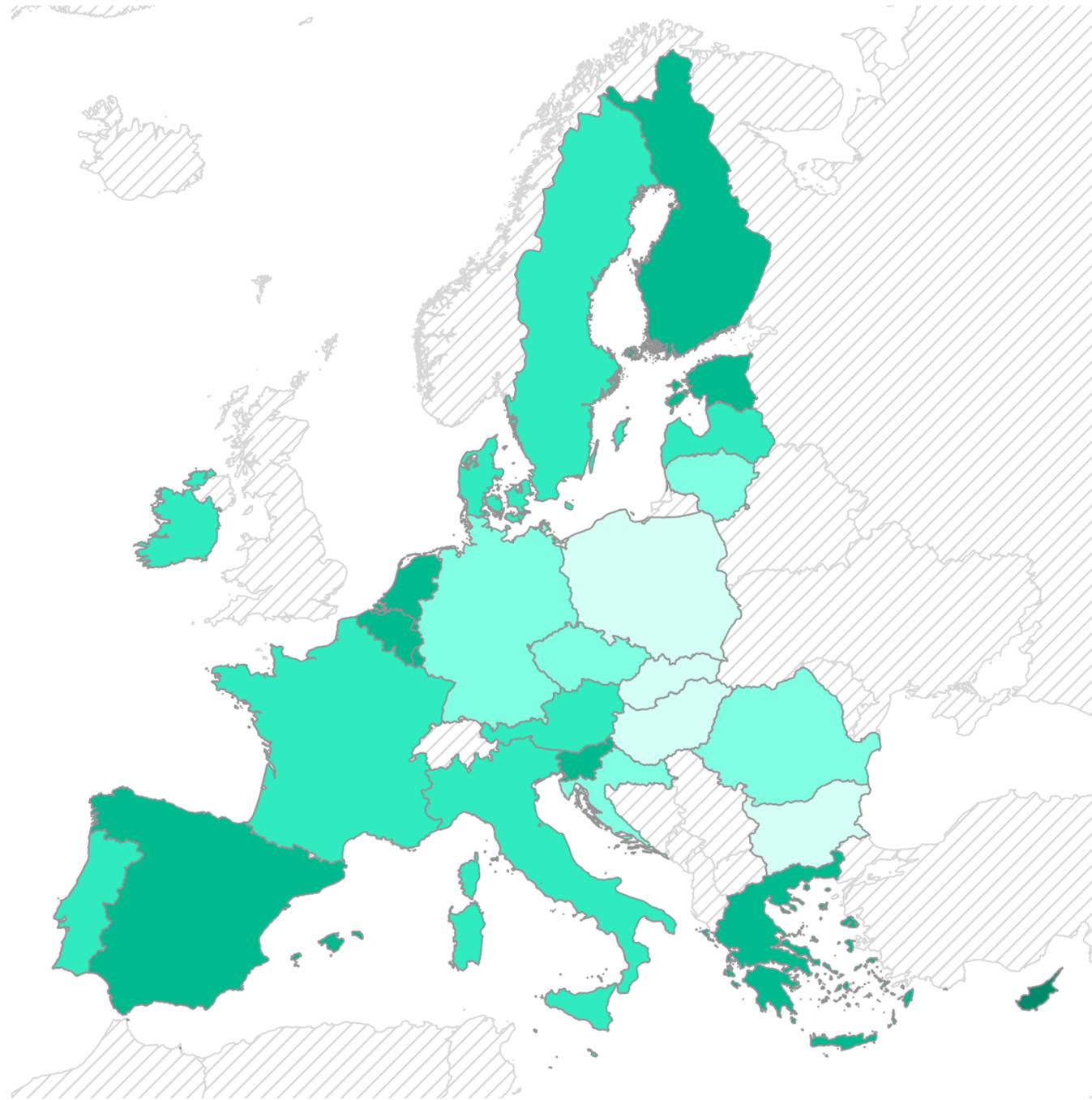
Thematic Priority Civil Security for Society with ~341 million euros is among the smallest thematic priorities

Latvia at the moment have no projects within this area





Climate, Energy and Mobility



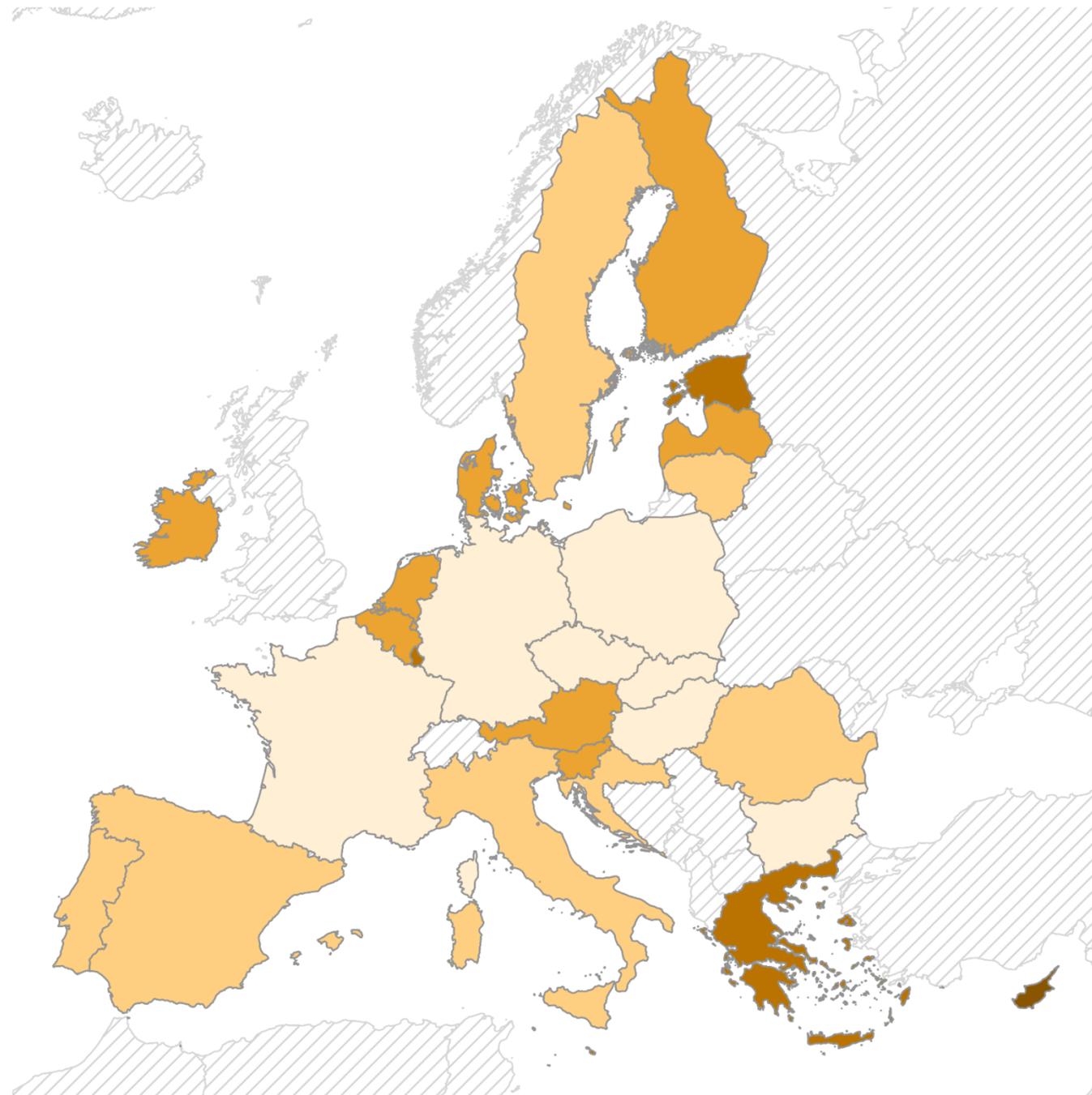
Thematic Priority Climate, Energy and Mobility with ~4,3 billion euros is the largest thematic priority

Latvia has 0,18 % of total EU-27 funding in this priority area – 7,6 million euros in projects





Culture, creativity and inclusive society



Horizon Europe funding in Culture, creativity and inclusive society (september 2023) euros per 1 FTE researcher in EU countries

- 0
- <100
- 100 - 200
- 200 - 400
- 400 - 1200
- 2614

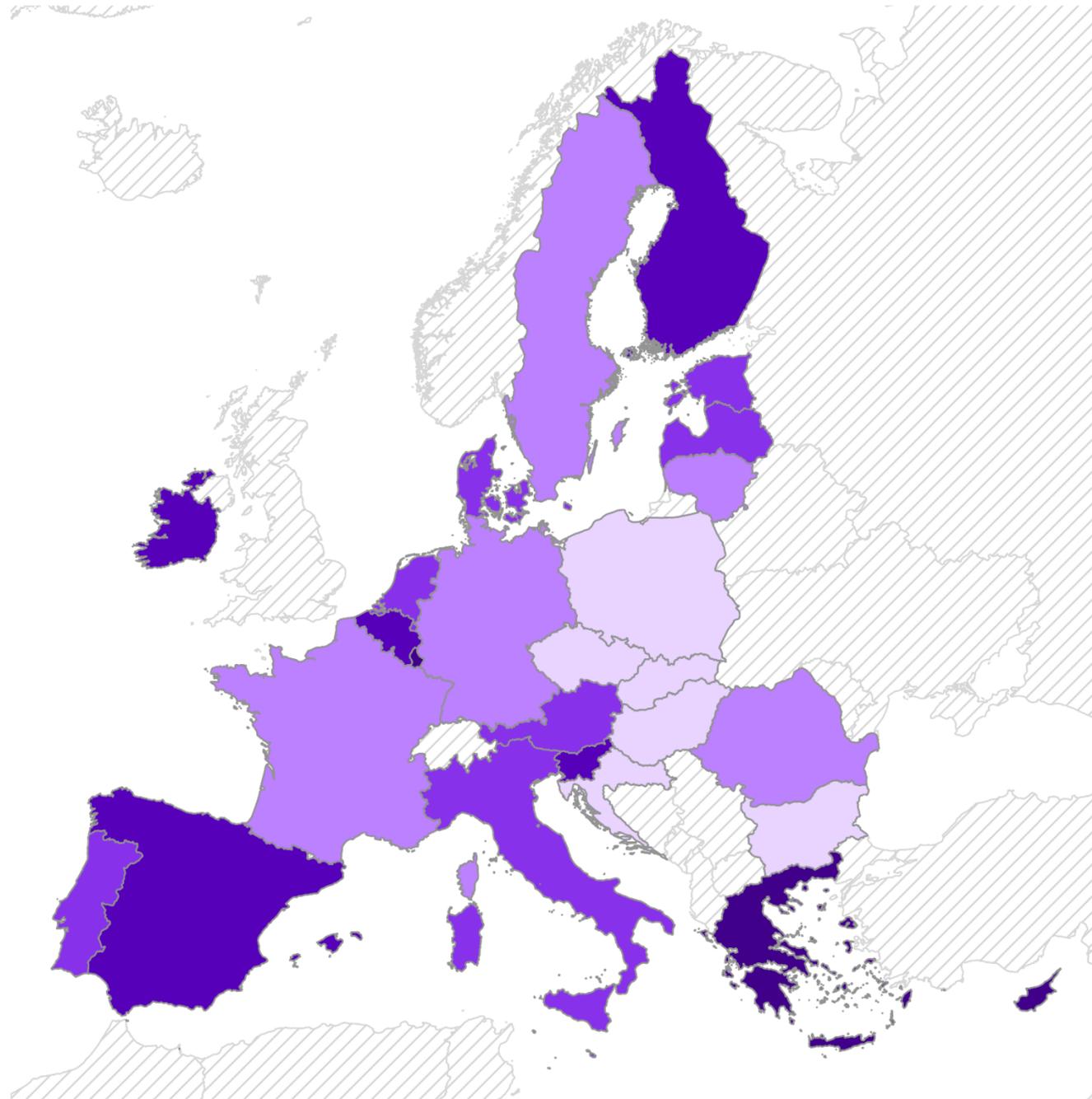
Thematic Priority Culture, creativity and inclusive society with ~409 million euros is 2 % of current Horizon Europe funding for EU countries

Latvia has 0,36 % of total EU-27 funding in this priority area – 1,5 million euros in projects

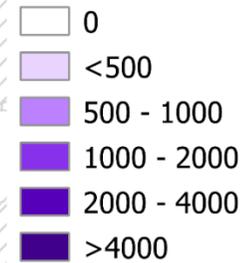




Digital, Industry and Space



Horizon Europe funding in Digital, Industry and Space (september 2023) euros per 1 FTE researcher in EU countries



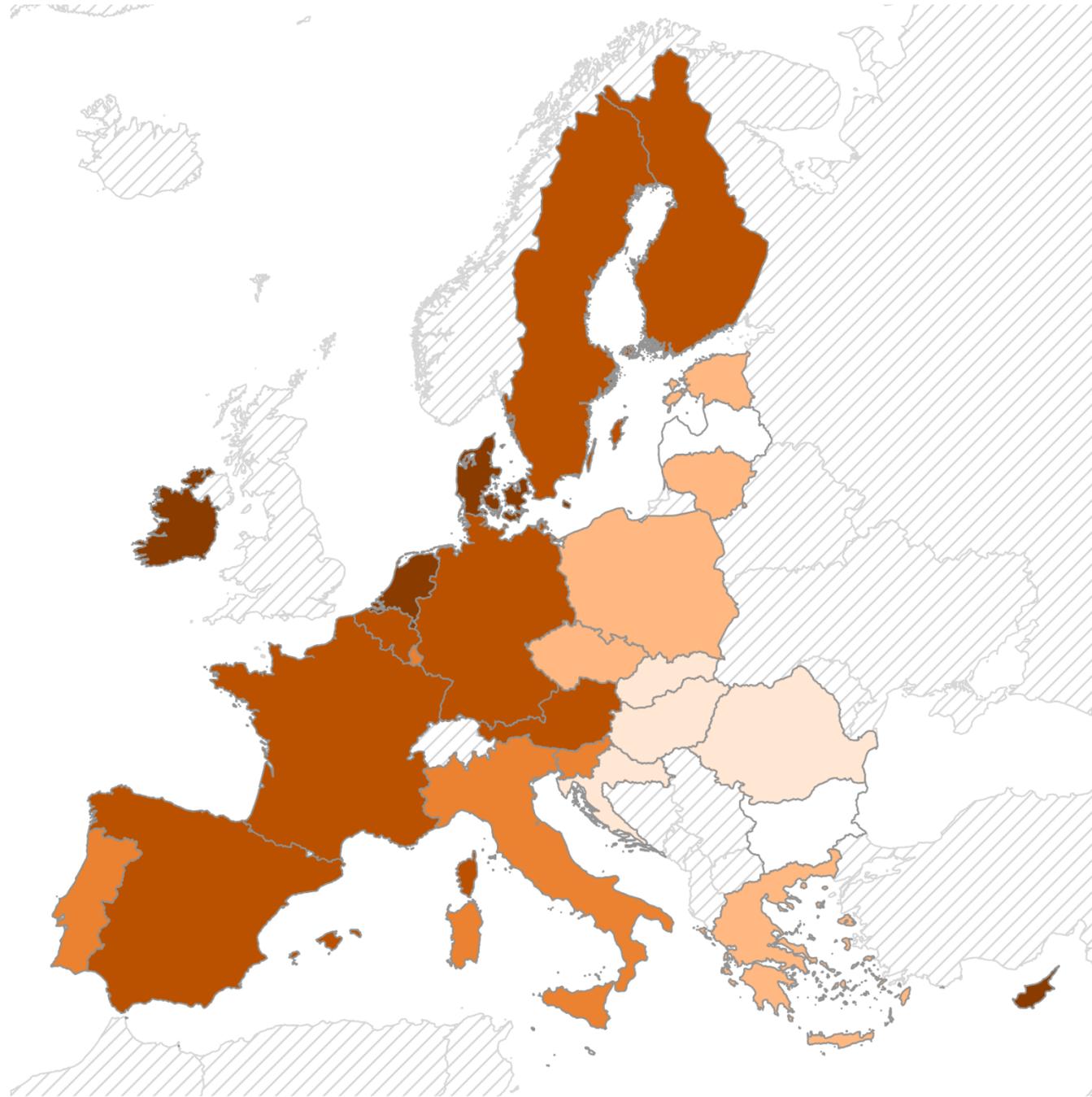
Thematic Priority Digital, Industry and Space with ~3,6 billion euros is 17 % of current Horizon Europe funding for EU countries

Latvia has 0,20 % of total EU-27 funding in this priority area – 7,1 million euros in projects





European Research Council (ERC)



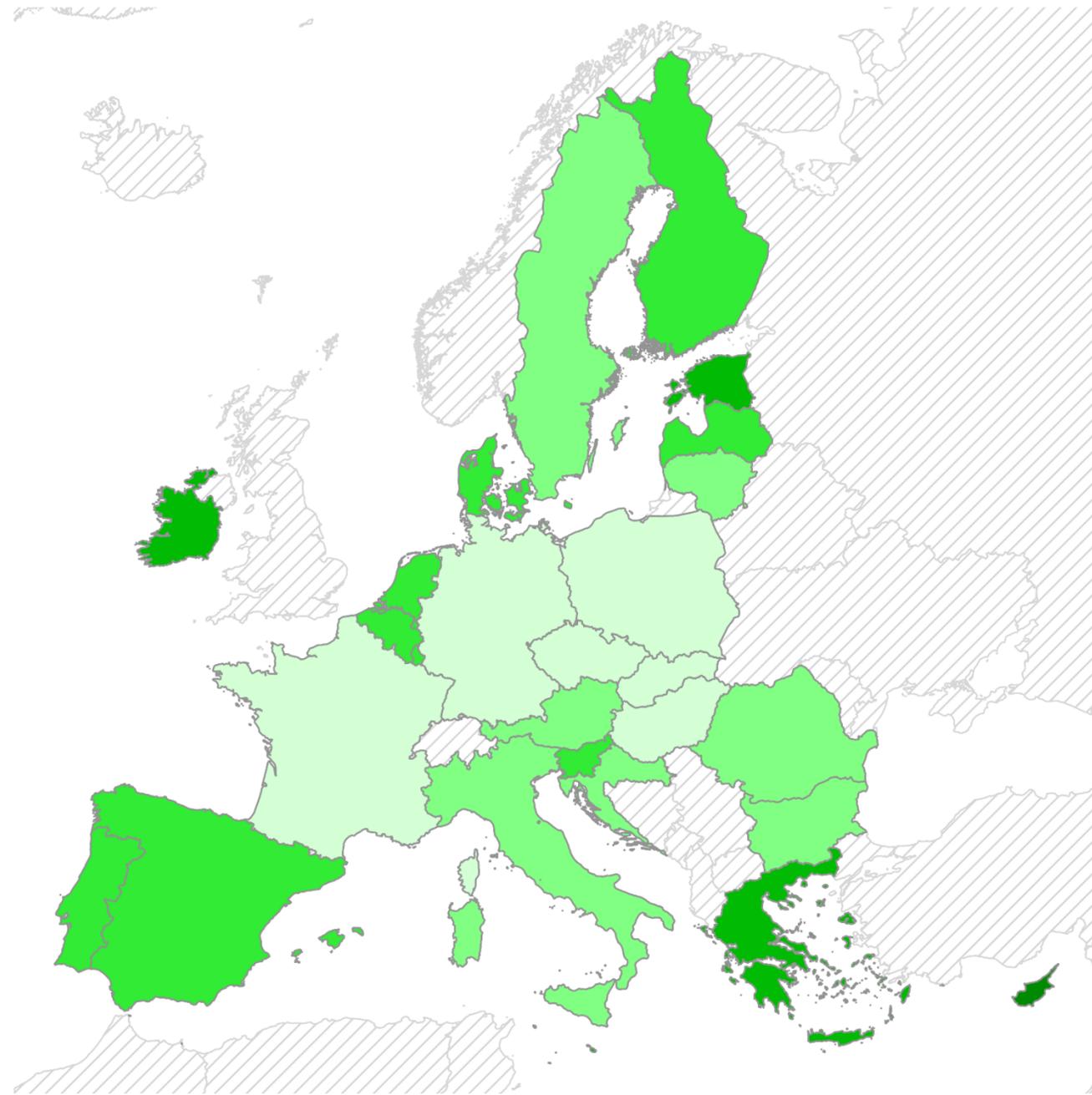
Thematic Priority European Research Council (ERC) with ~3,5 billion euros is 16 % of current Horizon Europe funding for EU countries

Latvia and Bulgaria are the only EU-27 countries with no ERC projects in Horizon Europe





Food, Bioeconomy Natural Resources, Agriculture and Environment



Horizon Europe funding in Food, Bioeconomy Natural Resources, Agriculture and Environment (september 2023) euros per 1 FTE researcher in EU countries

- 0
- <500
- 500 - 1000
- 1000 - 1600
- 1600 - 2400
- >2400

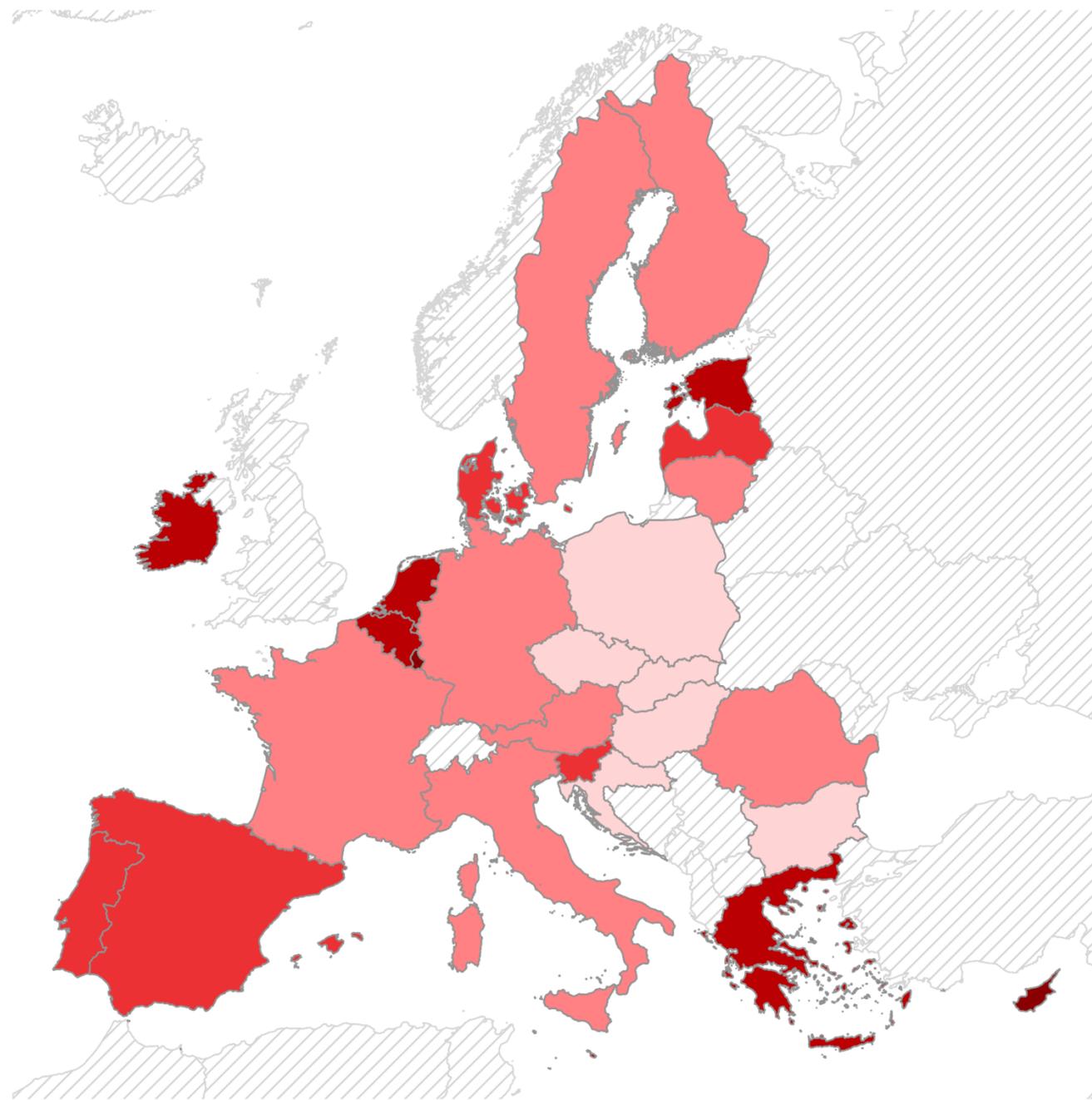
Thematic Priority Food, Bioeconomy Natural Resources, Agriculture and Environment with ~2,1 billion euros is 10 % of current Horizon Europe funding for EU countries

Latvia has 0,39 % of total EU-27 funding in this priority area – 8,1 million euros in projects





Health



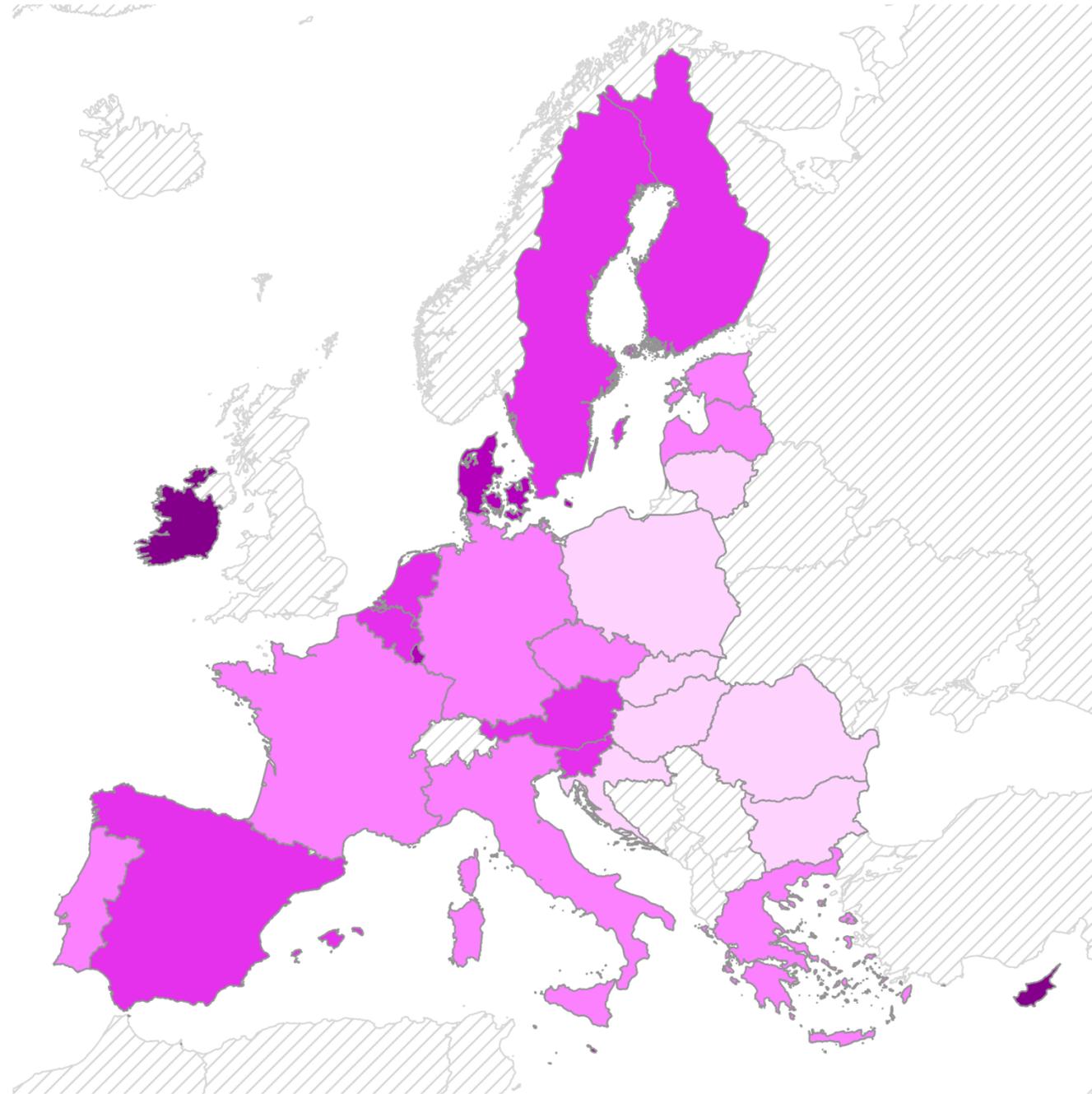
Thematic Priority Health with ~1,9 billion euros is 9 % of current Horizon Europe funding for EU countries

Latvia has 0,35 % of total EU-27 funding in this priority area – 6,8 million euros in projects





Marie Skłodowska-Curie Actions (MSCA)



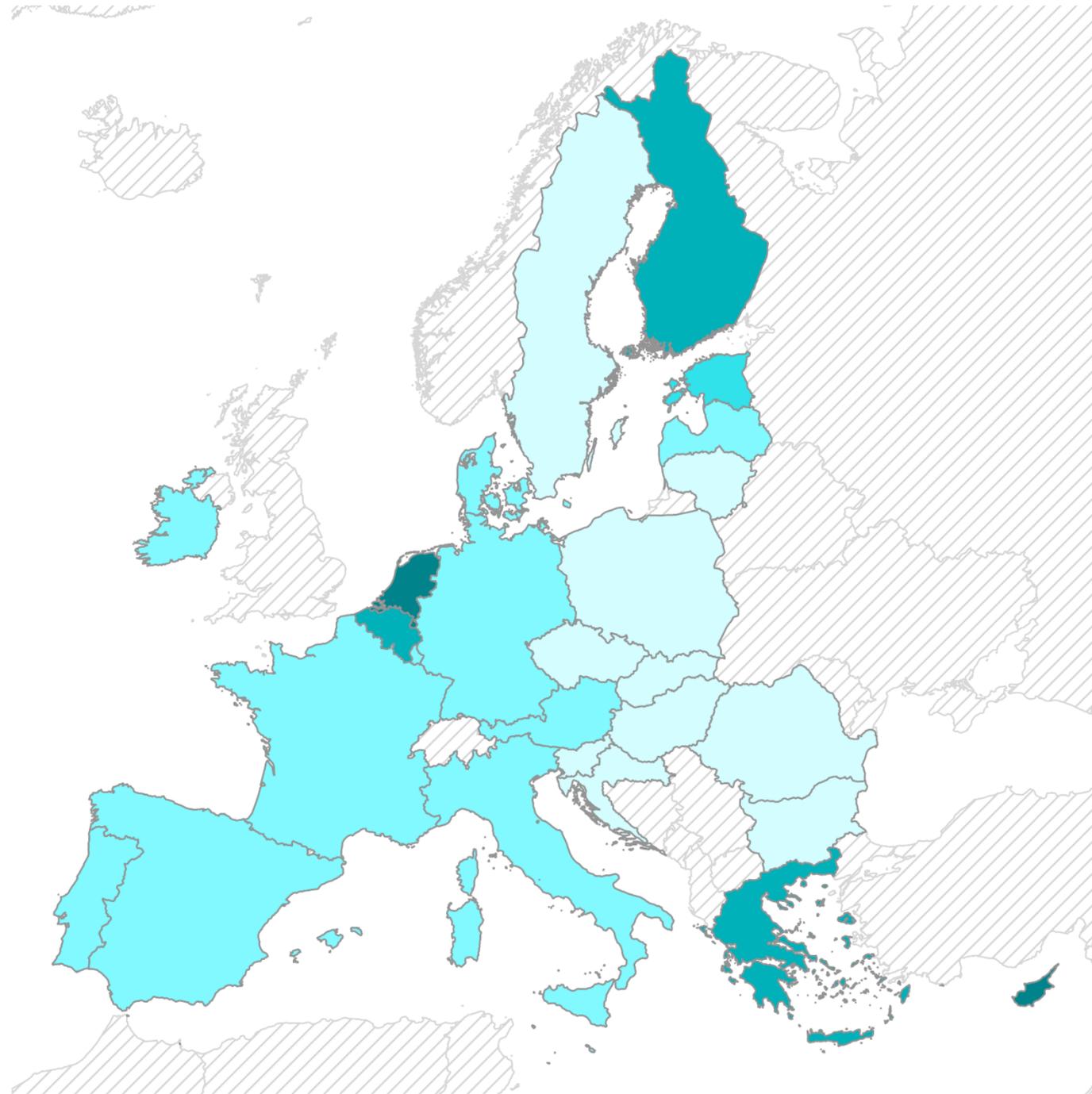
Thematic Priority Marie Skłodowska-Curie Actions (MSCA) with ~1,4 billion euros is 6,7 % of current Horizon Europe funding for EU countries

Latvia has 0,18 % of total EU-27 funding in this priority area – 2,5 million euros in projects





Research infrastructures



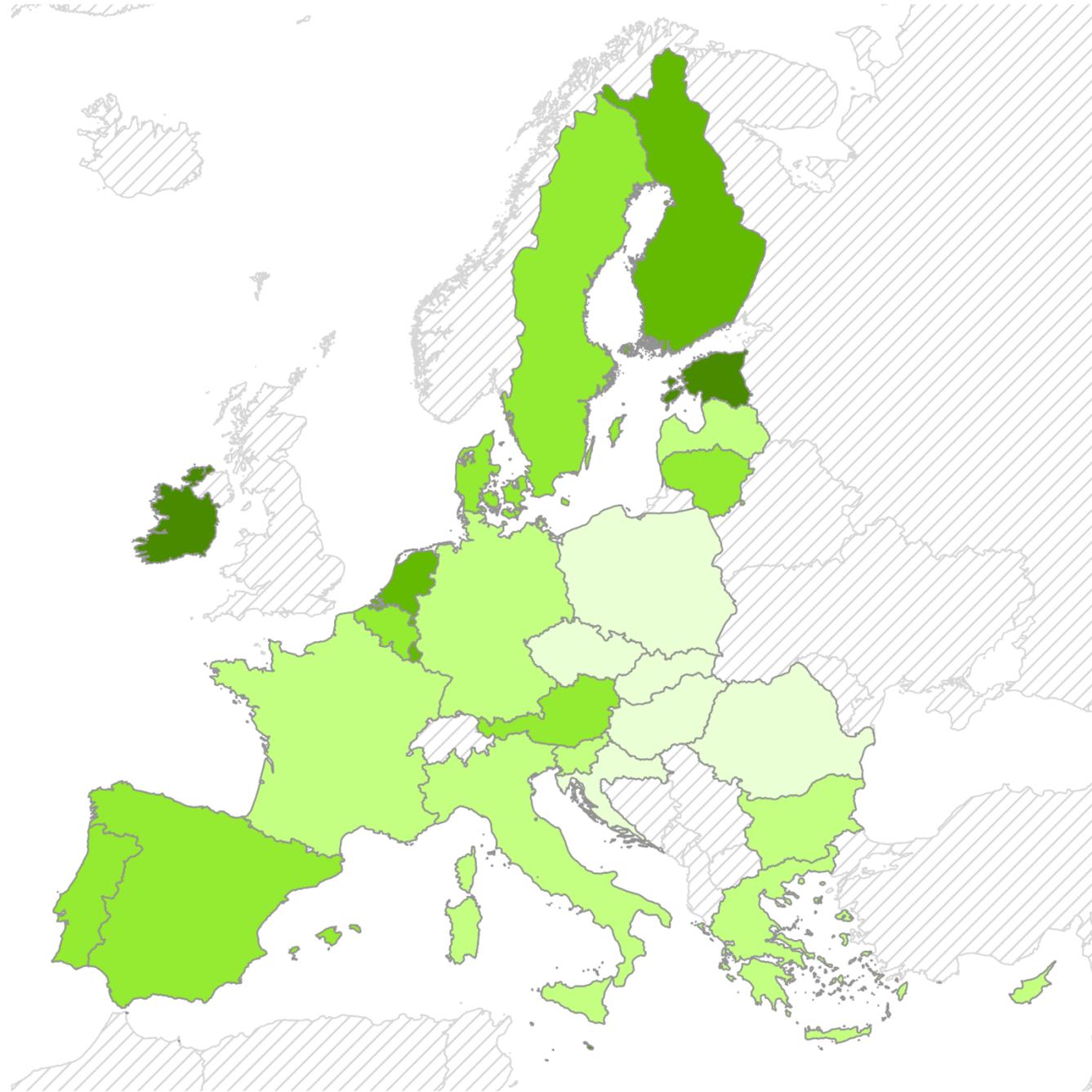
Thematic Priority Research infrastructures with ~0,5 billion euros is 2,2 % of current Horizon Europe funding for EU countries

Latvia has 0,18 % of total EU-27 funding in this priority area – 0,9 million euros in projects





The European Innovation Council (EIC)



Horizon Europe funding in
The European Innovation Council
(EIC)
(september 2023) euros
per 1 FTE researcher in EU countries

- 0
- <200
- 200 - 500
- 500 - 1000
- 1000 - 1500
- >1500

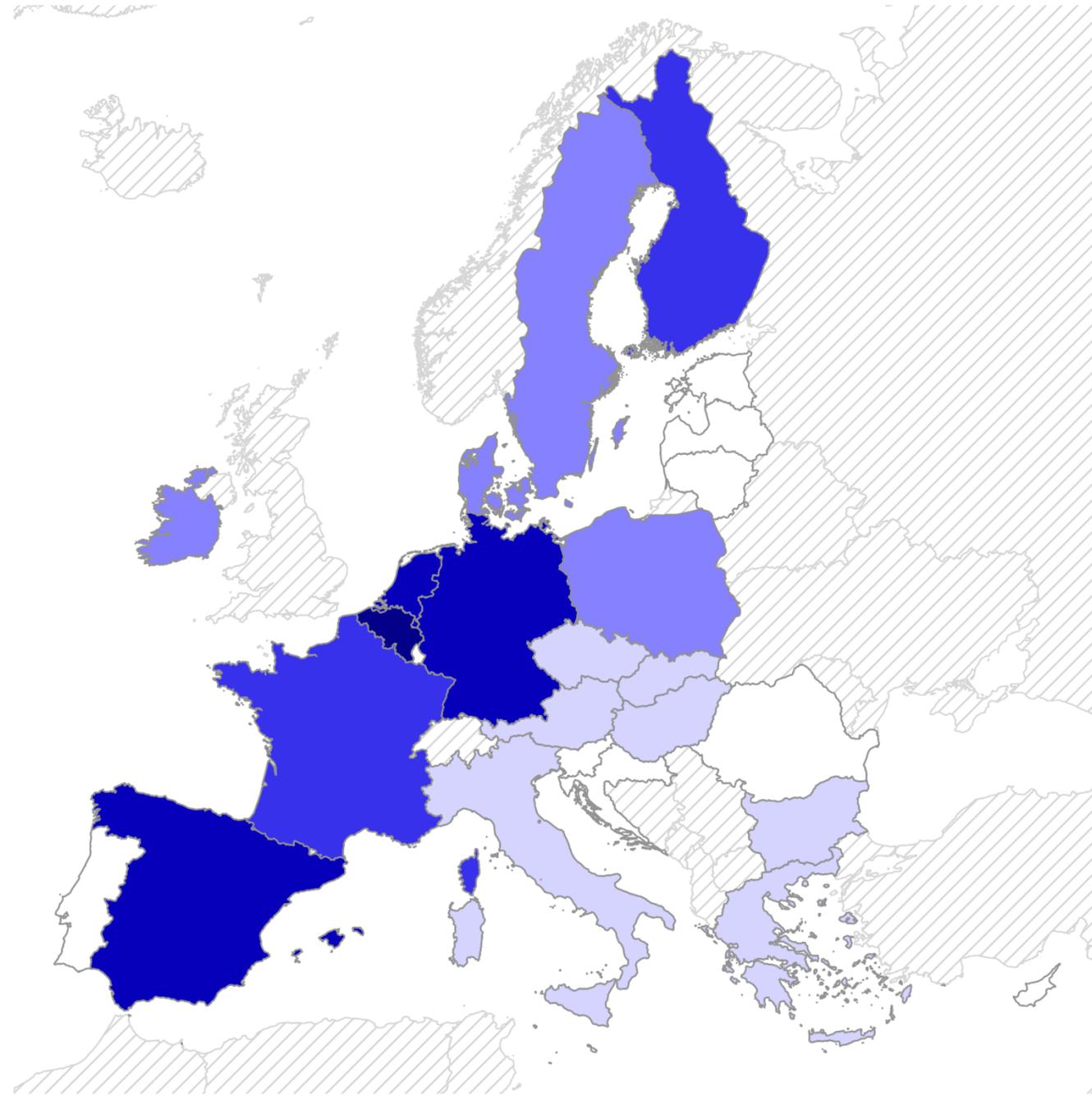
Thematic Priority The European Innovation Council (EIC) with ~1,6 billion euros is 7,5 % of current Horizon Europe funding for EU countries

Latvia has 0,18 % of total EU-27 funding in this priority area – 2,8 million euros in projects





The European Institute of Innovation and Technology (EIT)



Horizon Europe funding in
The European Institute of Innovation
and Technology (EIT)
(september 2023) euros
per 1 FTE researcher in EU countries

- 0
- <50
- 50 - 100
- 100 - 300
- 300 - 600
- >600

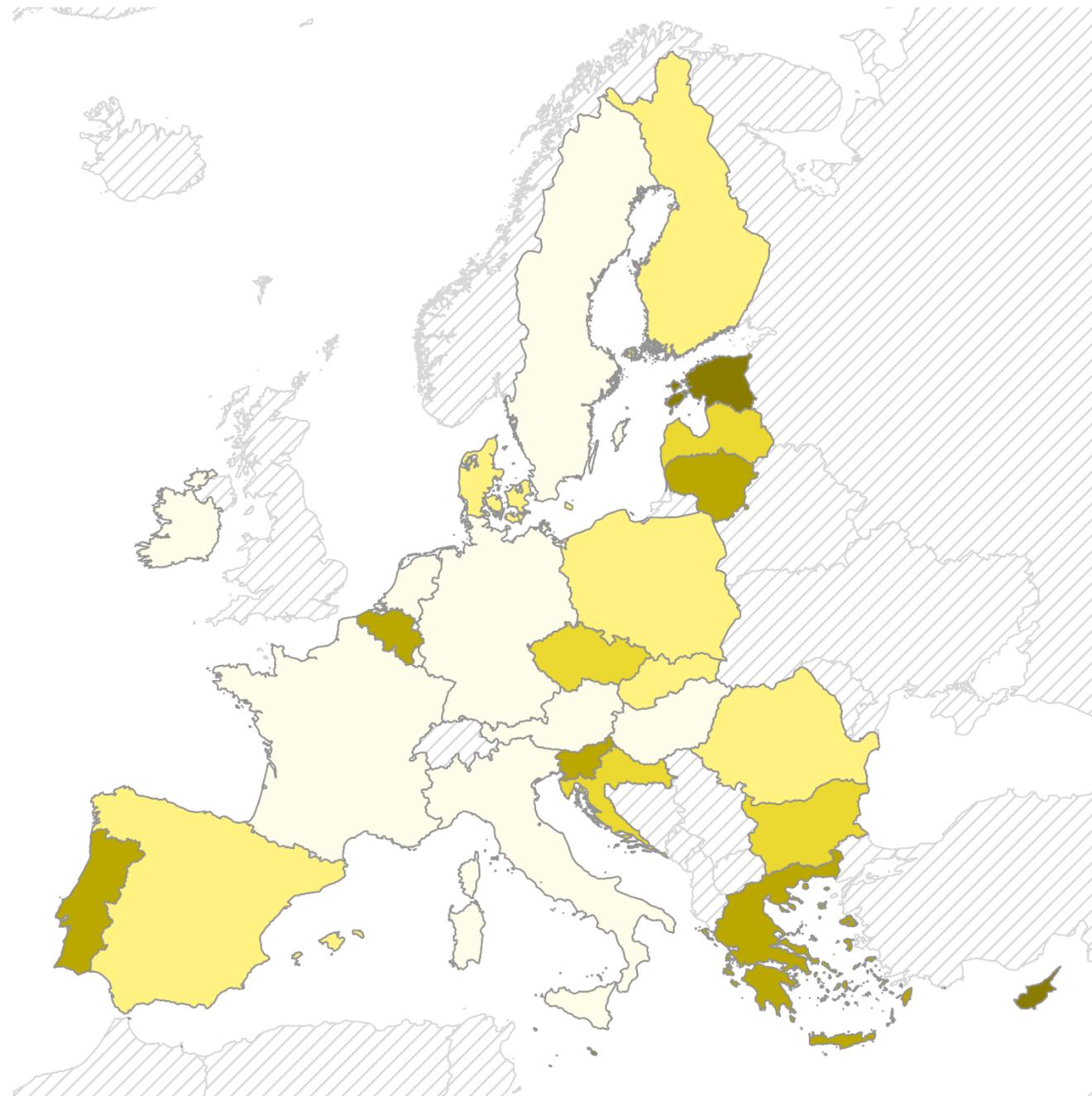
Thematic Priority The European Institute of Innovation and Technology (EIT) with ~0,9 billion euros is 4,2 % of current Horizon Europe funding for EU countries

Latvia together with 9 other countries have no EIT Horizon Europe projects at the moment





Widening participation and spreading excellence



Thematic Priority Widening participation and spreading excellence with ~0,7 billion euros is 3,2 % of current Horizon Europe funding for EU countries

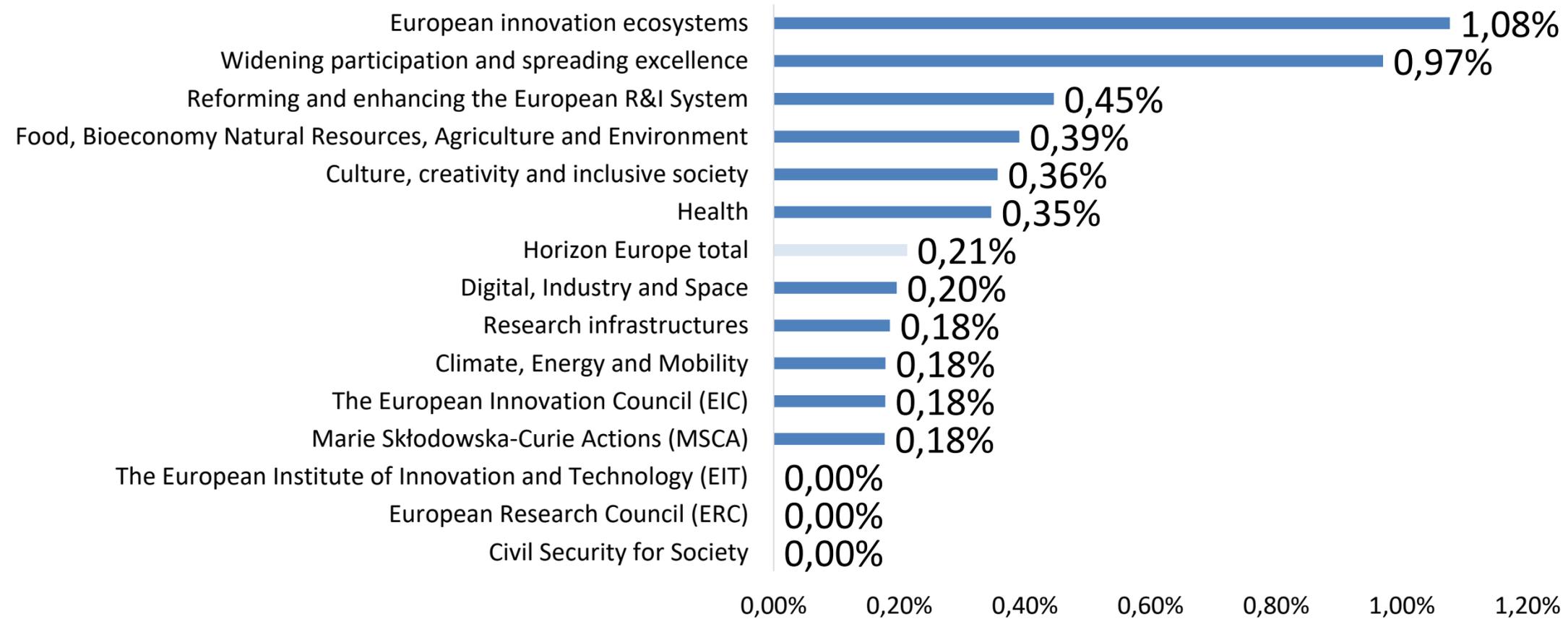
Latvia has 0,97 % of total EU-27 funding in this priority area – 6,6 million euros in projects





Latvian results in EU Framework programmes

Latvian results within Horizon Europe thematic priorities (% of EU-27 total)

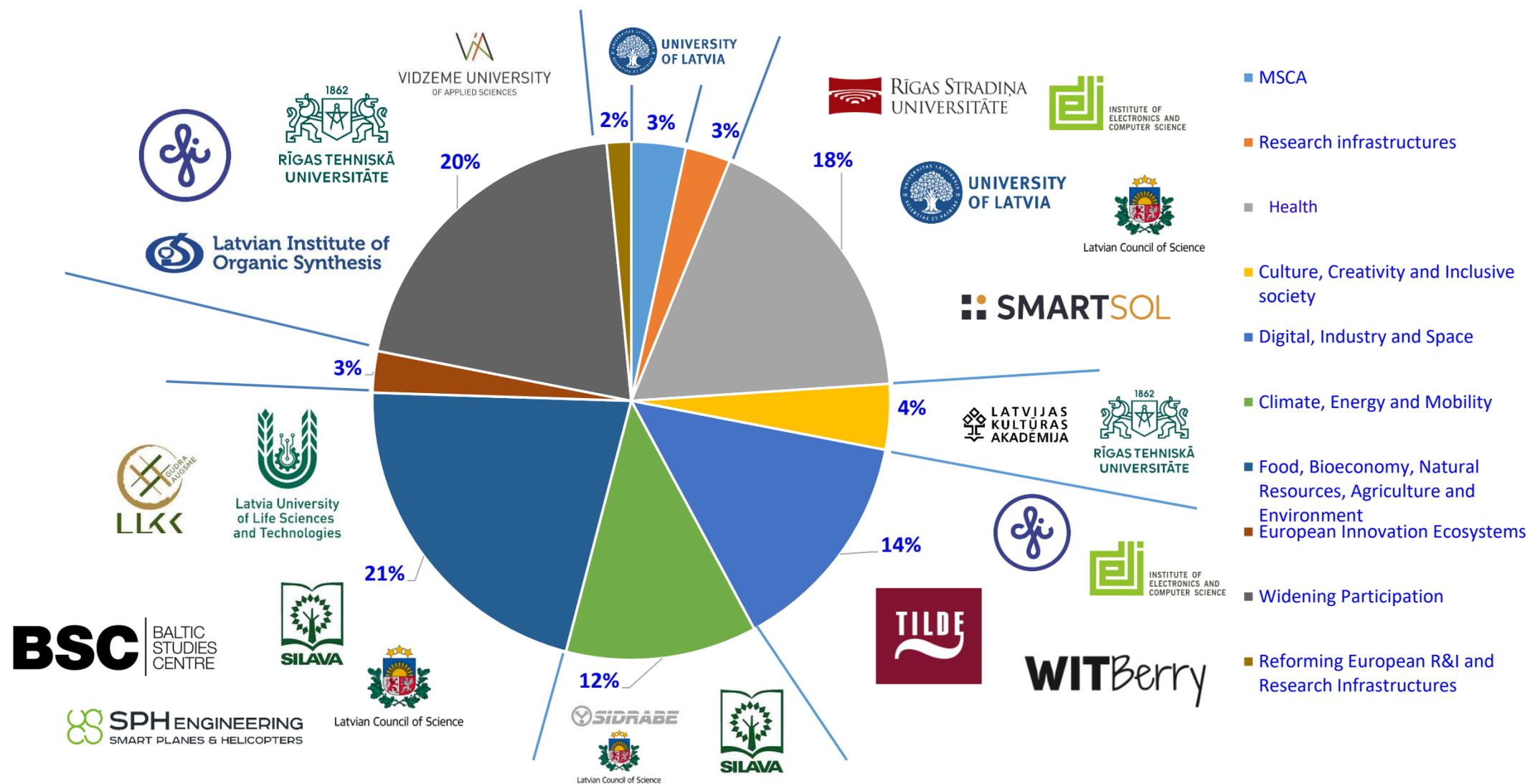


**High level of variation
in results between
thematic areas**





Latvian main institutions in Horizon Europe projects



Wide network of Latvian research institutions





Support for Horizon Europe participation

Direct support (co-funding, capacity building.)

Indirect support



150–200 million euros

National target for Horizon Europe results

- National funding for Horizon partnerships
- ERA activities
- National support for ESFRI ERIC
- RIS3 centers of excellence
- Refinancing of Seal of Excellence projects
- National co-funding support

- NCP support
- Support for national representation and capacity
- Support for project proposals
- Strategic communication activities
- Other programmes with Indirect support

Wide range of support instruments from government funding and EU funds





Projekts 1.1.15/17/001 Atbalsts starptautiskās sadarbības projektu izstrādei un īstenošanai



Latvijas Zinātnes padome

APVĀRSNIS
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researchLatvia*
Value Through Knowledge

**PALDIES
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UZMANĪBU**