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# INTERNATIONAL RESEARCH COLLABORATION OPPORTUNITIES IN THE RESEARCH COUNCIL OF LITHUANIA. COOPERATION WITH FRANCE.

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## R&D IN LITHUANIA

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### R&D funding and figures

- Lithuania's investment in R&D area (2019, Eurostat,):
  - Lithuania – **1,0 %** of GDP or **484 mln Eur** (2019, Statistics Lithuania),
  - EU average – **2.2 %** of GDP.
- Total researchers number (FTE) – 9630
- Total researchers number (head count) – 24614

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### R&D institutional system

- Universities: 12 state, 7 private
- Colleges: 12 state, 10 private
- Research institutes: 13 state, 8 private
- 300-400 PhD graduates annually
- ~ 8500 PhD students
- Researchers number in business and industry ~ 30 %



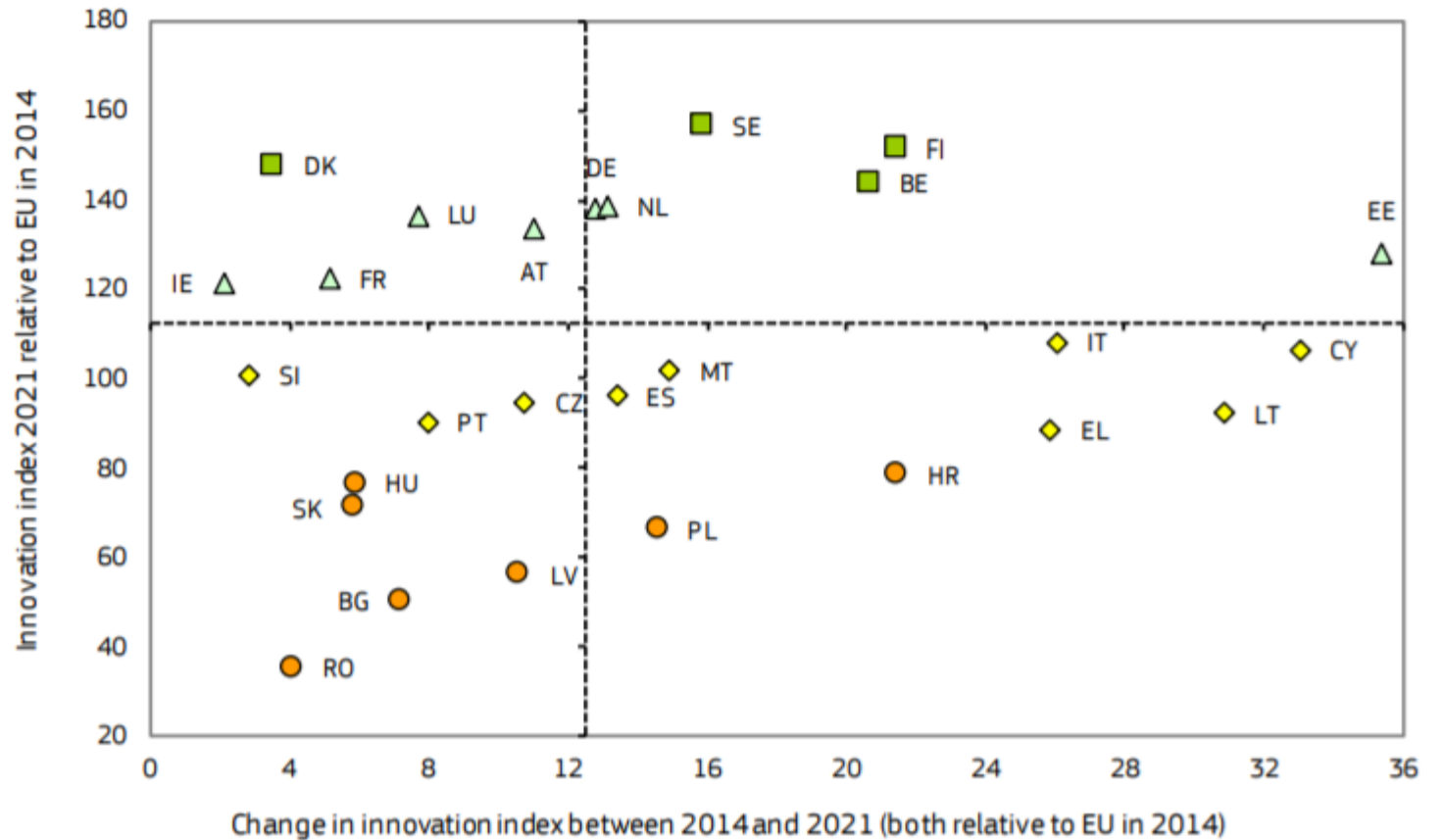
# LITHUANIA AS THE GROWING INNOVATOR IN THE EU

Lithuania has been one of the most rapidly growing countries among the EU member states in the field of R&I in the time period between 2014 and 2021.

Change in the R&I index between 2014 and 2021 performance improved by:

- Lithuania: + 30.9 % points
- EU average: + 12,5 %-points

Figure 6: Performance and performance change of EU Member States' innovation systems



The vertical axis shows Member States' performance in 2021 relative to that of the EU in 2014. The horizontal axis shows the change in performance between 2014 and 2021 relative to that of the EU in 2014. The dashed lines show the respective scores for the EU.



## NATIONAL SMART SPECIALISATION R&I PRIORITIES

### ▪ 2014-2020 priorities:

1. Energy and sustainable environment
2. Health technologies and biotechnologies
3. Agro-innovation and food technologies
4. New production processes, materials and technologies
5. Smart, non-waste and related transport
6. Information and communication technologies
7. Inclusive and creative society



### ▪ 2021-2027 priorities (planned):

1. Health technologies and biotechnologies
2. New production processes, materials and technologies
3. Information and communication technologies



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# RESEARCH COUNCIL OF LITHUANIA/ESTABLISHMENT



1991. The Science Council of Lithuania was established by the Seimas (the Parliament) as **an advisory body** on R&D policy for the Seimas and the Government

2007. Reorganised into the Research Council of Lithuania to serve as an advisory body on R&D policy as well as **research funding body**

**Mission.** Actively participate in R&D policy making process aiming effective R&D system, which meets Lithuanian society demands and corresponds the EU R&D policy

## Structure in numbers

- 33 members of the Council: chairman, 2 vice-chairmen, scientific secretary, the board (9 members) and 2 expert committees (10 members each), chaired by vice-chairmen
- 69 employees of the Research Foundation



## MAIN RESPONSIBILITIES OF RCL

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- **Delivering R&D policy and scientific advice**
  - Provides expert advises to the Parliament and the Government of the Republic of Lithuania on R&D policy aspects and training of researchers
- **Ensuring R&D quality**
  - Performs the evaluation of R&D activities and PhD studies in research institutes and universities
  - Carries out an assessment of activities of Lithuanian research and higher education institutions and the long-term R&D programmes in research institutes
- **Providing competitive R&D funding**
  - Executes competitive R&D funding from the state budget, EU instruments, cooperation programmes and other funding sources
- **Fostering trans-national and international R&D cooperation**
  - Promotes integration into the ERA, supports networking activities and participation in the EU and international R&D initiatives

## RCL FUNDING COMPETENCIES

### Over 30 financial means

- Top-down research - long-term 5 national programmes
- Bottom-up research - research projects initiated by researchers
- Support for researchers carrier, mobility, dissemination activities
- Support for transnational and international R&D cooperation

### Over 30 calls for proposals per year

- Calls covering all carrier stages, including students, PhD, post-docs, early-career and established researchers
- International calls according to bilateral programmes
- Participation in ERA-NET COFUNDs and other coordination-scheme-type calls
- Projects for decisions on the consequences of COVID-19

### Different sources and schemes, wider possibilities

- State budget
  - National research programmes
  - Lithuanistic research and dissemination programme
- Baltic Research Programme (Lithuanian, Latvian and Estonian collaborative research projects funded by the Norway, Iceland and Lichtenstein, EEA financial mechanism 2014-2021)
- EU ESIF funds, ESF and ERDF (2014-2020)
- Horizon 2020

**The State budget allocated to RCL ~ EUR 18 mln (incl. 15,8 for R&D) annually**

**EU ESIF allocations (period of 2017-2022, managed by the Ministry of Education, Science and Sport) assigned to RCL ~ of EUR 18 mln annually**

# PARTICIPATION IN HORIZON 2020

## Acts as European Commission national contact point (NCP) for 9 Horizon Europe (2021-2027) areas



- Health
- European Research Council
- Food, bio-economy, natural resources, agriculture and environment
- Culture, creativity and inclusive society
- Joint Research Centre
- Marie Skłodowska-Curie activities
- Research infrastructures
- Legal and financial services
- Widening participation+ERA



## Funding for participation in coordination programmes

- BIODIVERSA
- BONUS
- CHIST-ERA
- ENSUF/ENUTC
- EuroNanoMed
- EJP on Rare Diseases
- FLAG-ERA
- HERA
- JPI on Cultural Heritage
- M-era.Net
- NORFACE
- QuantERA
- SUMFOREST
- AMR
- European Partnerships in HEU programme

Lithuanian Research and Innovation Liaison Office in Brussels -LINO -established in 2017 with a purpose to facilitate the successful integration of Lithuanian researchers into international research projects and to follow and report back on the recent developments on the EU R&I policy. [www.lino.lmt.lt](http://www.lino.lmt.lt)



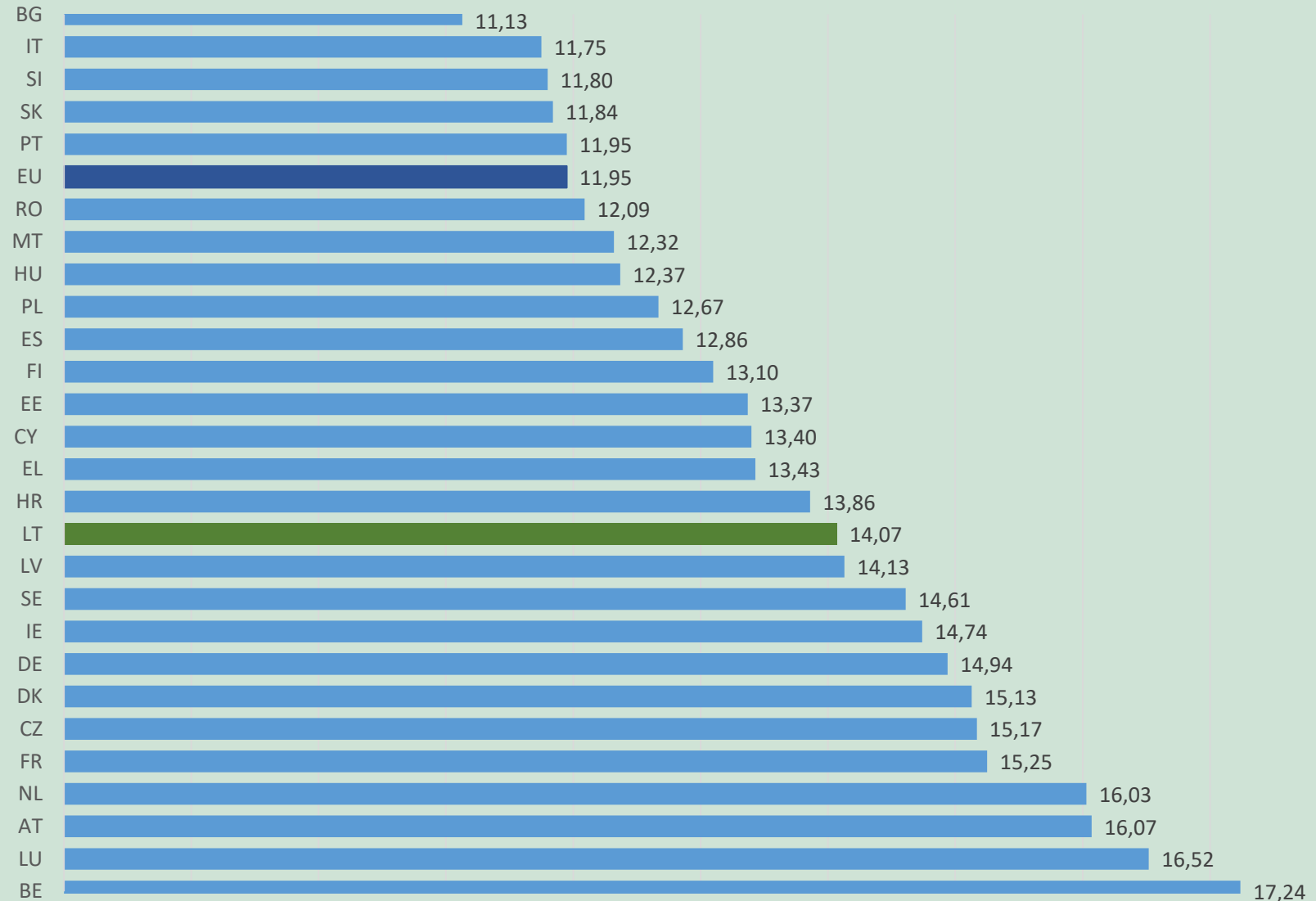


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Success rate, %  
(ratio of retained  
proposal to total  
eligible)

## PARTICIPATION IN „HORIZON 2020“



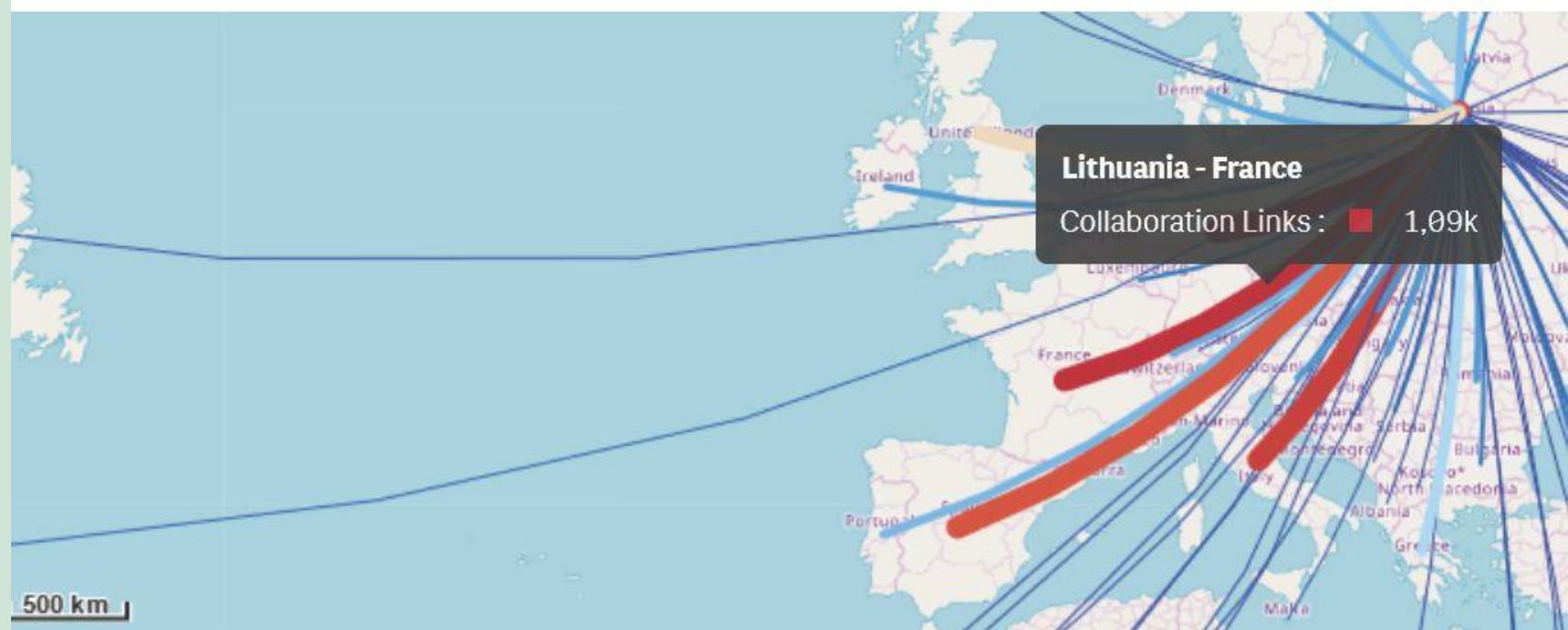
October, 2021, data source: Horizon dashboard

## COLLABORATION WITH FRANCE IN H2020

### Top areas of cooperation:

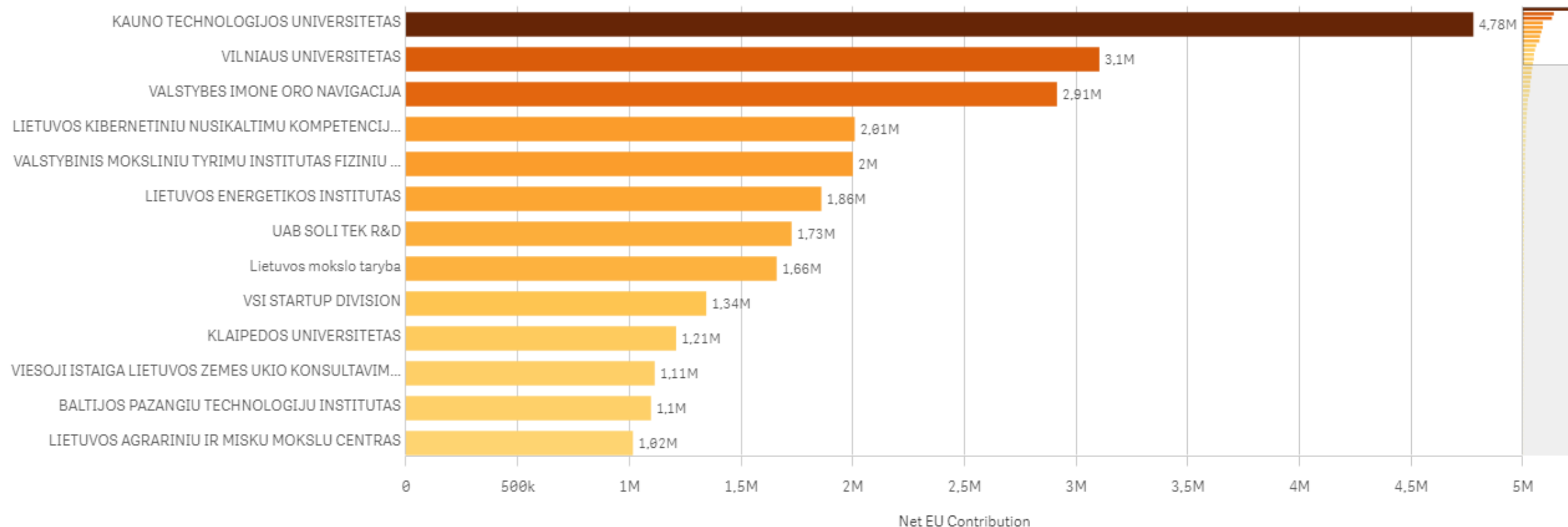
1. Transport
2. Food, forestry, marine research
3. ICT
4. Energy
5. Euratom programme
6. RI
7. Secure Societies
8. Climate actions
9. MSCA
10. *Health*

### Collaboration with other countries - Lithuania



# TOP ORGANISATIONS COLLABORATING WITH FRENCH PARTNERS

## Top organisations





## INTERNATIONAL COOPERATION

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- Administrates participation in **COST**, European Cooperation in Science and Technology
- **Baltic Research** programme (EEA and Norway grants Financial Mechanisms)
- International joint projects under bilateral programmes:
  - RCL-JSPS (**Japan**) MoU, signed by RCL
  - RCL-NCN (**Poland**) MoU, signed by RCL
  - Lithuanian–**Belarus** Cooperation Programme (Governmental)
  - Lithuanian–**French** Cooperation Programme “Gilibert” (Governmental)
  - Lithuanian–**Latvian–Chinese (Taiwanese)** Cooperation Programme (Governmental)
  - Lithuanian–**Ukraine** Cooperation Programme (Governmental)



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## LITHUANIAN–FRENCH COOPERATION PROGRAMME “GILIBERT”

- Since 2010 calls for proposals every 2 years
- Aim – networking, support for mobility
- Duration of the projects – up to 2 years

Statistics  
2011-2020



Number of proposals/ projects	Top 3 institutions in LT	Top institutions in FR
104/45 (43% success rate)	Vilnius University – 31 projects  Kaunas Technology University – 7 projects  Center for Physical Sciences and Technology – 4 projects	The National Center of Scientific Research (CNRS)  Institut des Sciences Moléculaires d’Orsay  Bordeaux University  Institut Européen des Membrane  Lorraine University



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# INTERNATIONAL COLLABORATION OPPORTUNITIES

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<https://www.lmt.lt/en>

**Thank you for your attention!**