

Digital Scoreboard 2016 and other information relevant for decisions about Digital Innovation Hubs

Lithuania



Accompanied by the WG1 Report on Digital Innovation Hubs:

<https://ec.europa.eu/futurium/en/content/report-wg1-digital-innovation-hubs-mainstreaming-digital-innovation-across-all-sectors-final>

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Pramone 4.0

- Lithuania's Ministry of Economy and the Ministry of Education and Science are responsible for innovation policy.
- Investments of **79,8M EUR** for the digitisation of Lithuania's industry for **2017-2020** are foreseen.



Pramone 4.0

- In May 2017, the Lithuanian government approved the establishment of a national **"Industrial Competitiveness Commission 'Pramonė 4.0'"** as the management basis of the **National Industry Digitalisation Platform "Pramonė 4.0"** ("Industry 4.0").
- Aim: **support industry** in the integration of **digital solutions and new technologies**.
- A strategy document for the implementation of Industry 4.0 in Lithuania is **under preparation**.

<http://www.industrie40.lt/platform/>

Digital Agenda for the Republic of Lithuania

- In **March 2014**, the Lithuanian government approved the **"Information Society Development"** program 2014-2020, the **"Digital Agenda for the Republic of Lithuania"**.
- Goal: improve the quality of life for the Lithuanian population and the companies' business environment by using the **opportunities offered by the ICT**.
- The implementation of the Programme is coordinated by the **Ministry of Transport and Communications**.

Innovation Vouchers

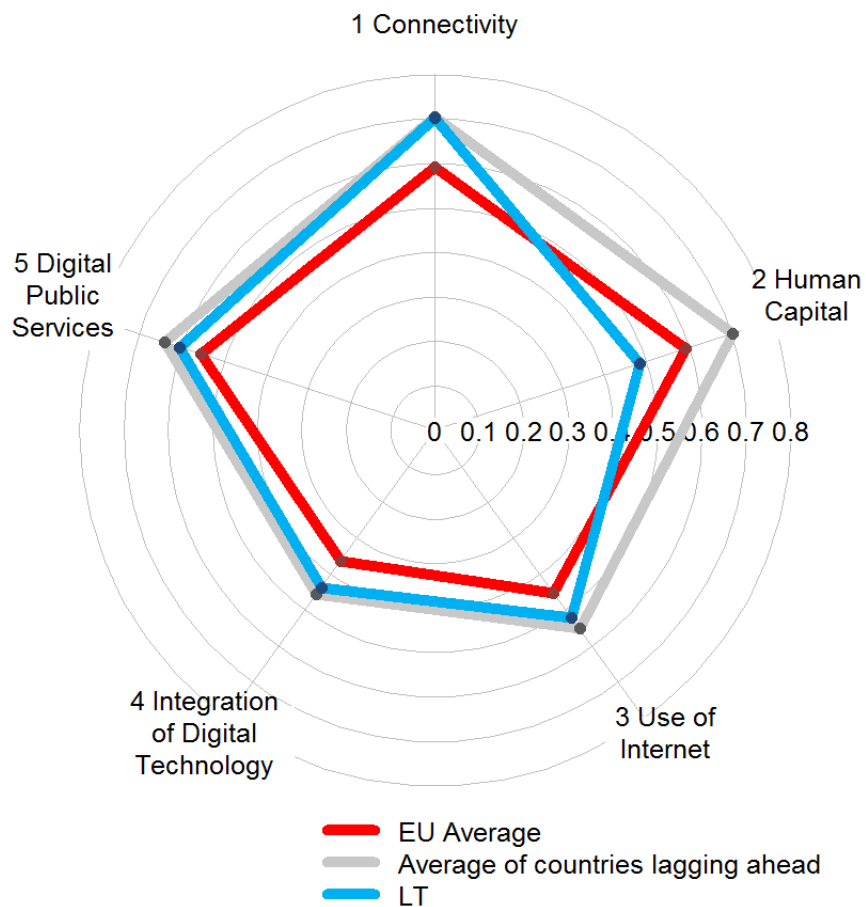
- Stimulate innovation activities in businesses to finance a needed service.
- Support companies in benefiting from **R&D services** or use expertise maintained at **research institutions**.
- Allocated budget: **10.1M EUR**.

For more information please refer to the individual report per Member State on the national and regional initiatives on Digitising European Industry available on <https://ec.europa.eu/futurium/en/implementing-digitising-european-industry-actions/national-initiatives-digitising-industry>



Lithuania ranks 13 among EU countries.

It is part of the group of countries that are lagging ahead.



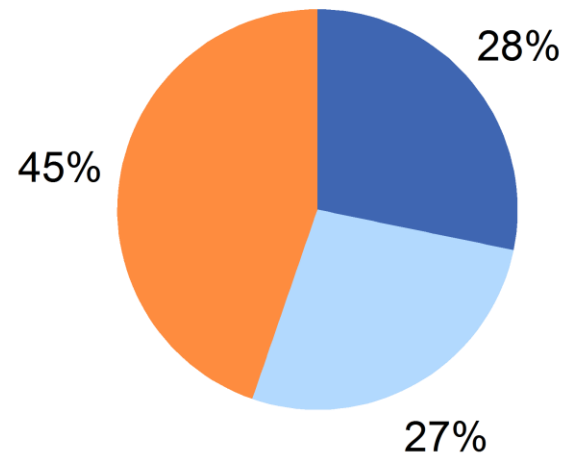
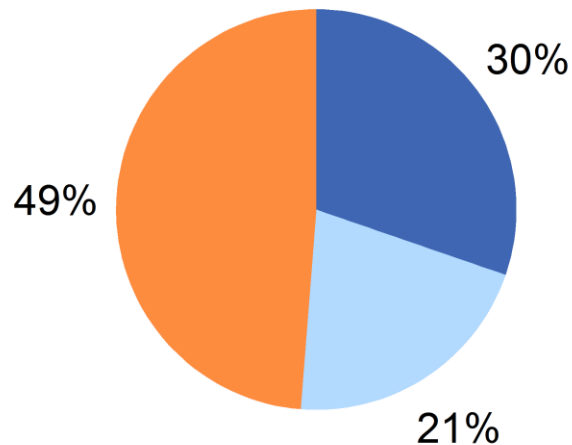
In Lithuania 21% of citizens have basic digital skills (27% in the EU) and 30% have above basic digital skills (28% in the EU).

Digital Skills (2015)

■ Above basic digital skills
 ■ Basic digital skills
 ■ Low or no digital skills, or do not use the internet

LT

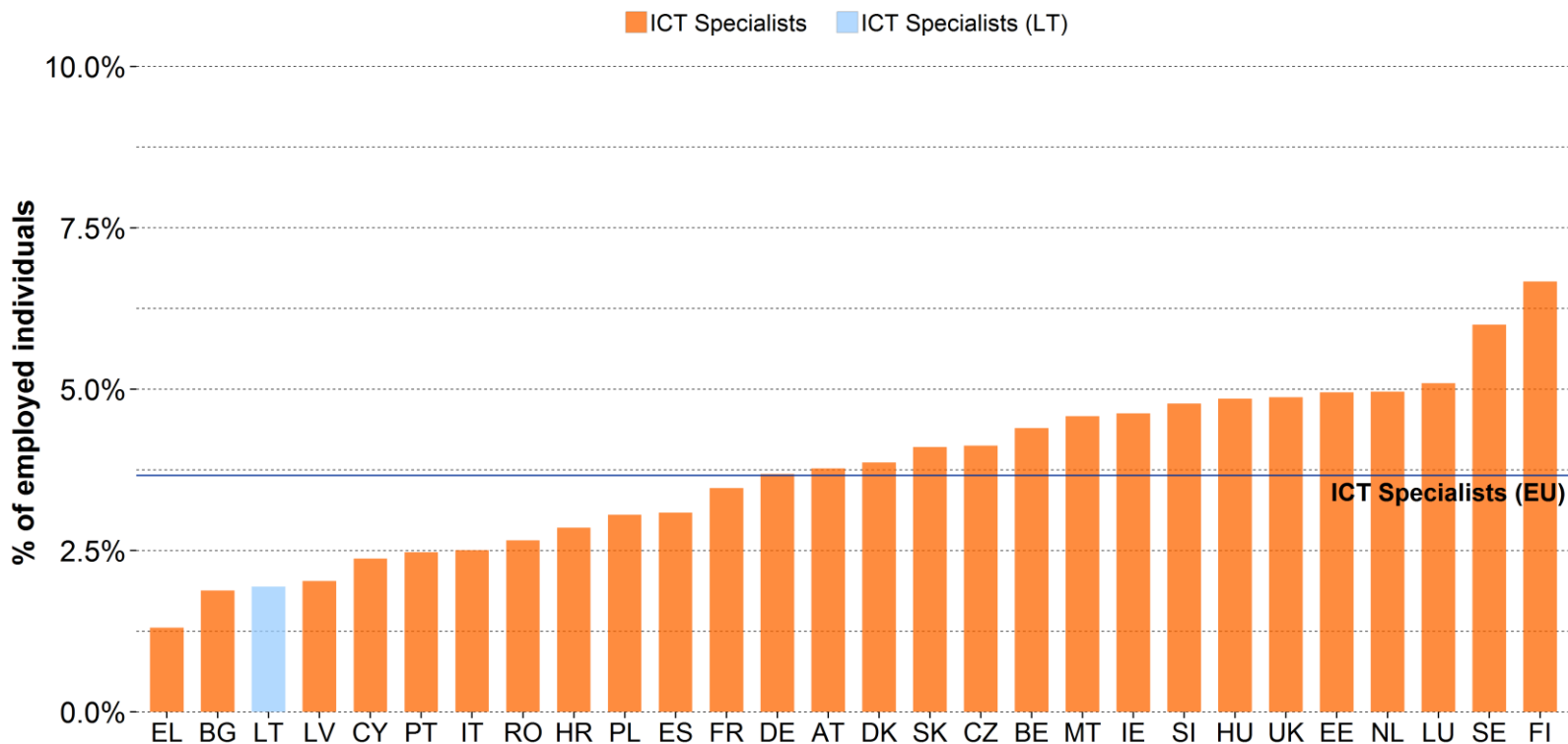
EU



% of individuals

In Lithuania ICT Specialists account for 1.9% of the workforce (3.7% in the EU).

ICT Specialists in the workforce (2014)

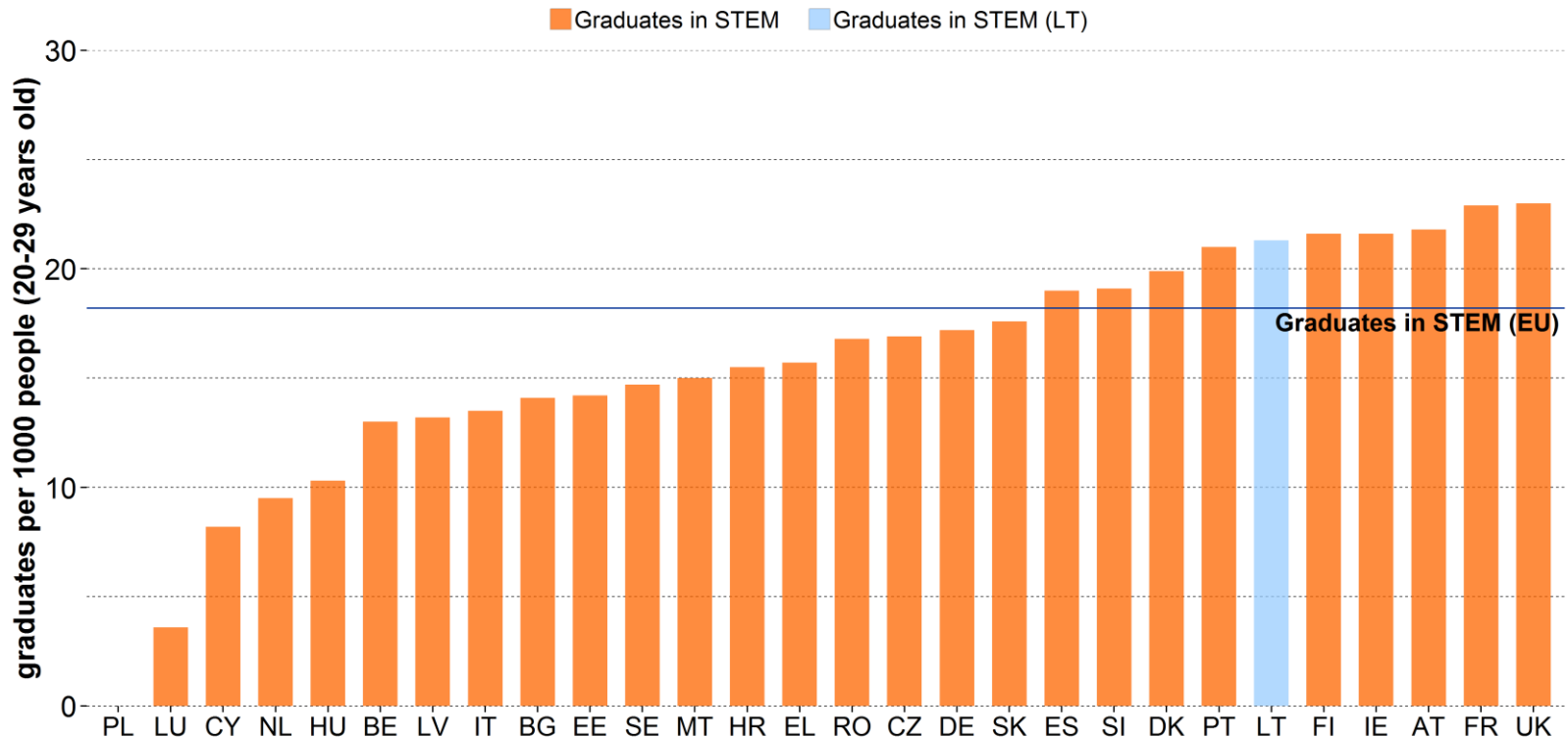


Human Capital: Graduates in STEM (Science, Technology and Mathematics)

European
Commission

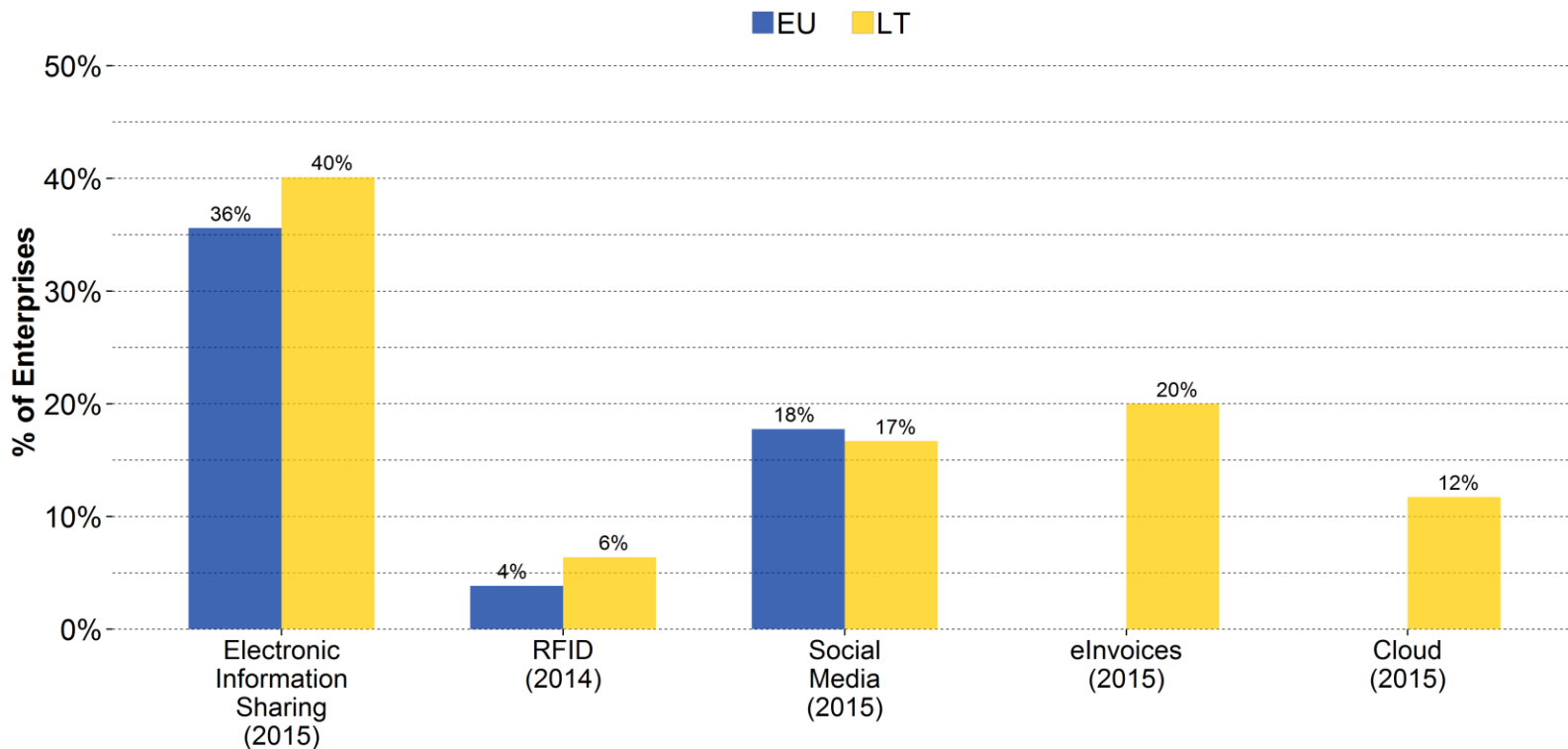
**Lithuania has 21 graduates in STEM per each 1000 people aged
20-29 years old (18 in the EU).**

Graduates in Science, Technology and Mathematics (2013)



Businesses in Lithuania are adopting different digital technologies to enhance productivity, such as sharing internal information electronically or using RFID, eInvoicing, Social Media and Cloud.

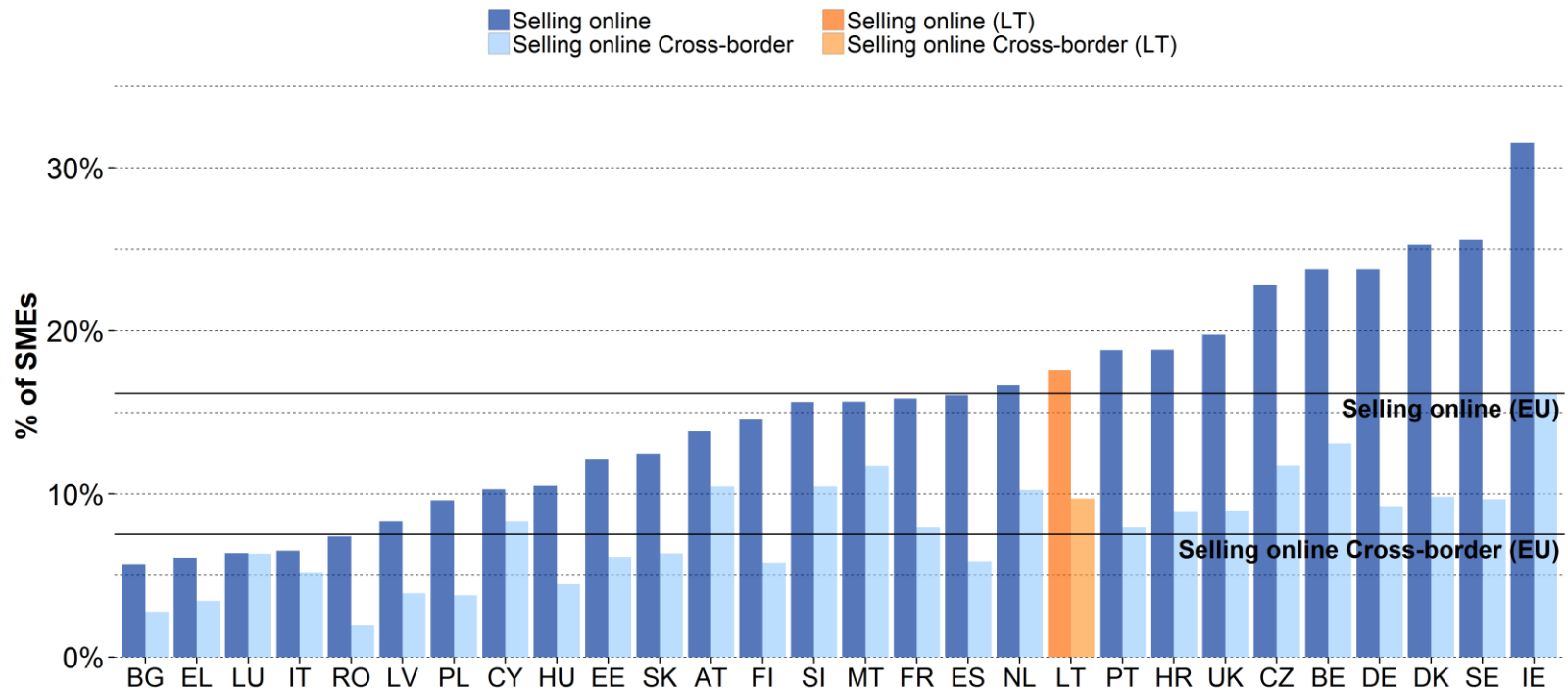
Adoption of Digital Technology by Businesses



In Lithuania 18% of SMEs sell online (16% in the EU).

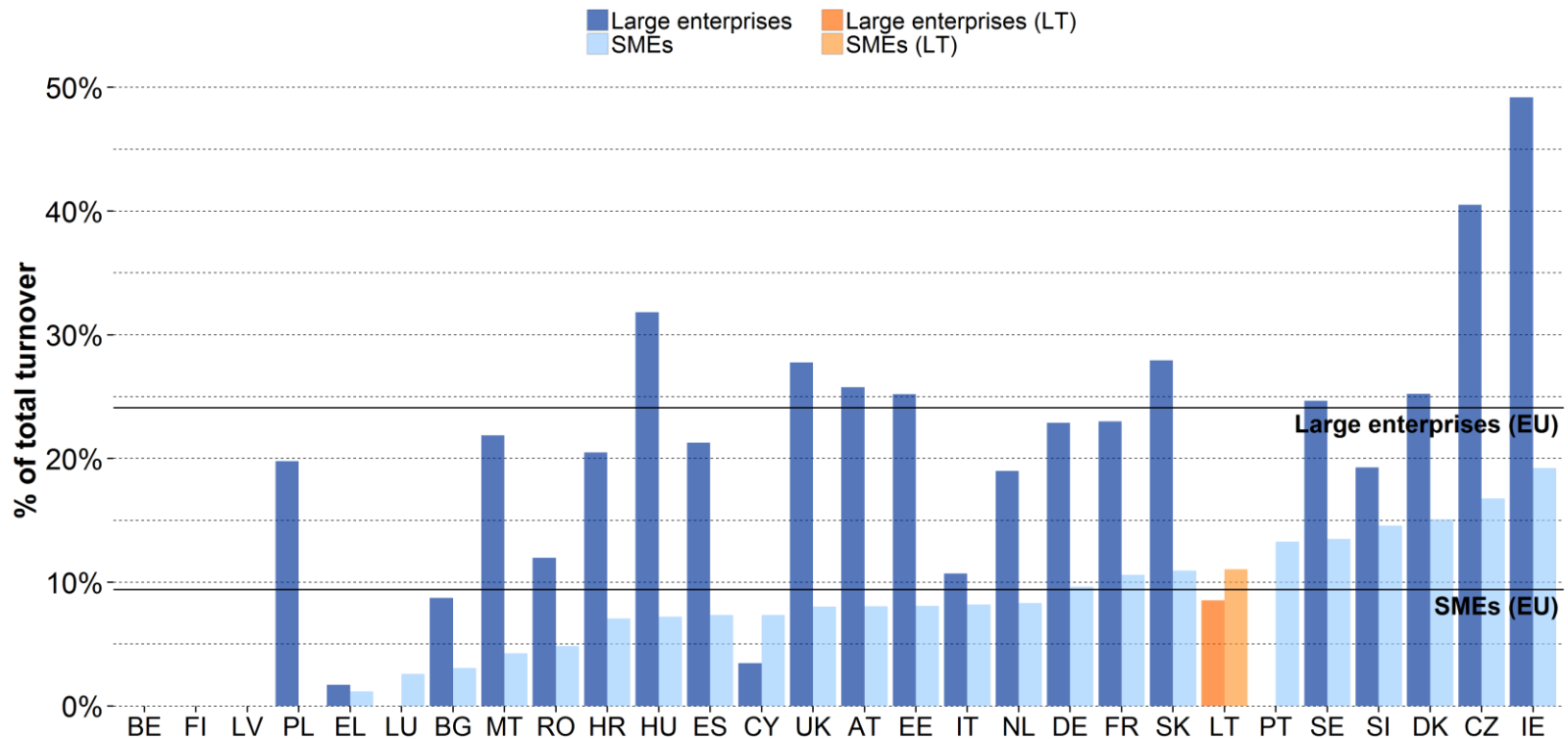
9.7% of Lithuanian SMEs sell online to other EU countries (7.5% in the EU).

SMEs selling online Overall (2015) vs. Cross-border (2015)



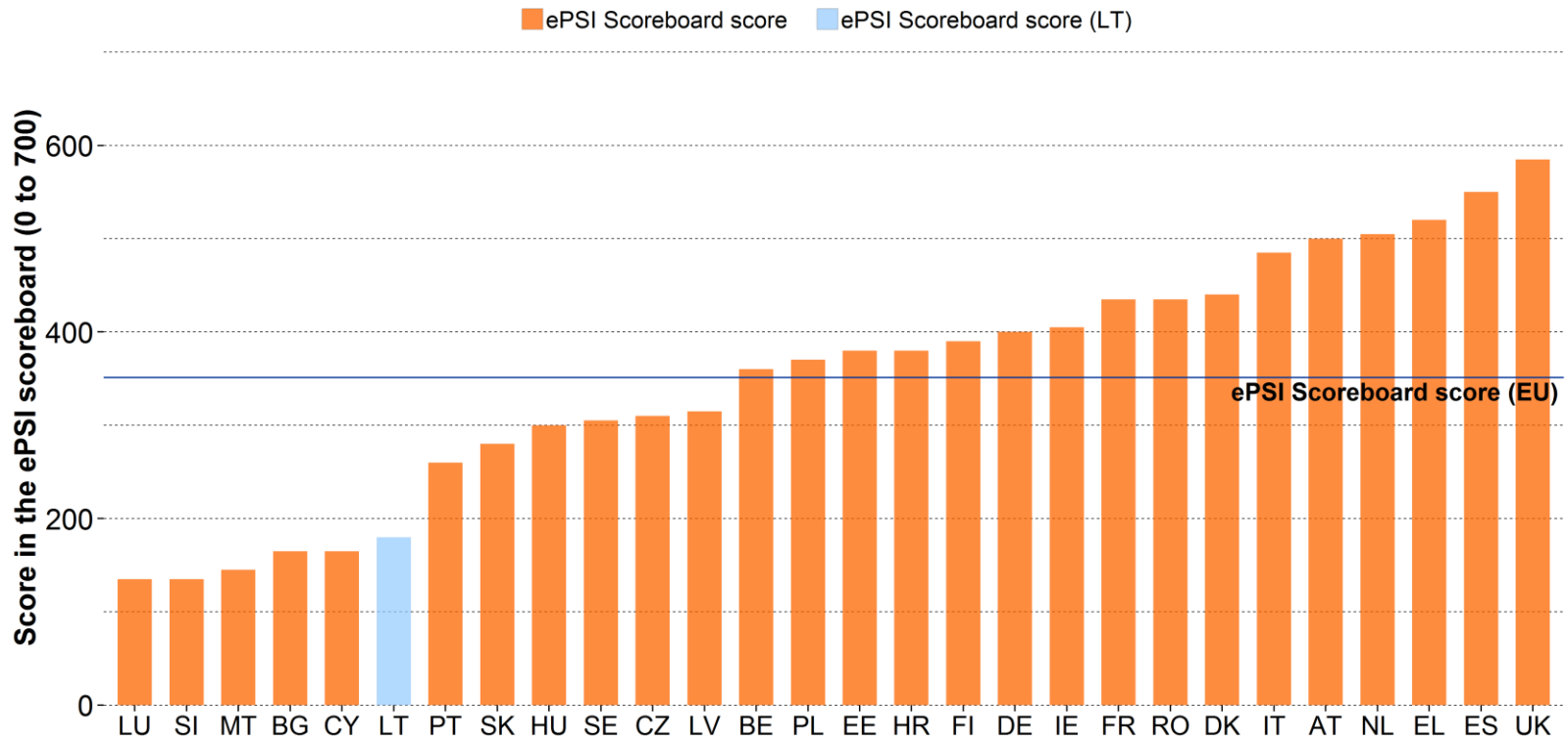
SMEs in Lithuania obtain on average 11% of their turnover from eCommerce (9.4% in the EU). Large enterprises derive on average 8.5% of their turnover from eCommerce (24% in the EU).

Turnover from eCommerce (2015)



Lithuania scores 180 out of 700 in the European Public Sector Information scoreboard, against an overall score of 351 out of 700 for the European Union.

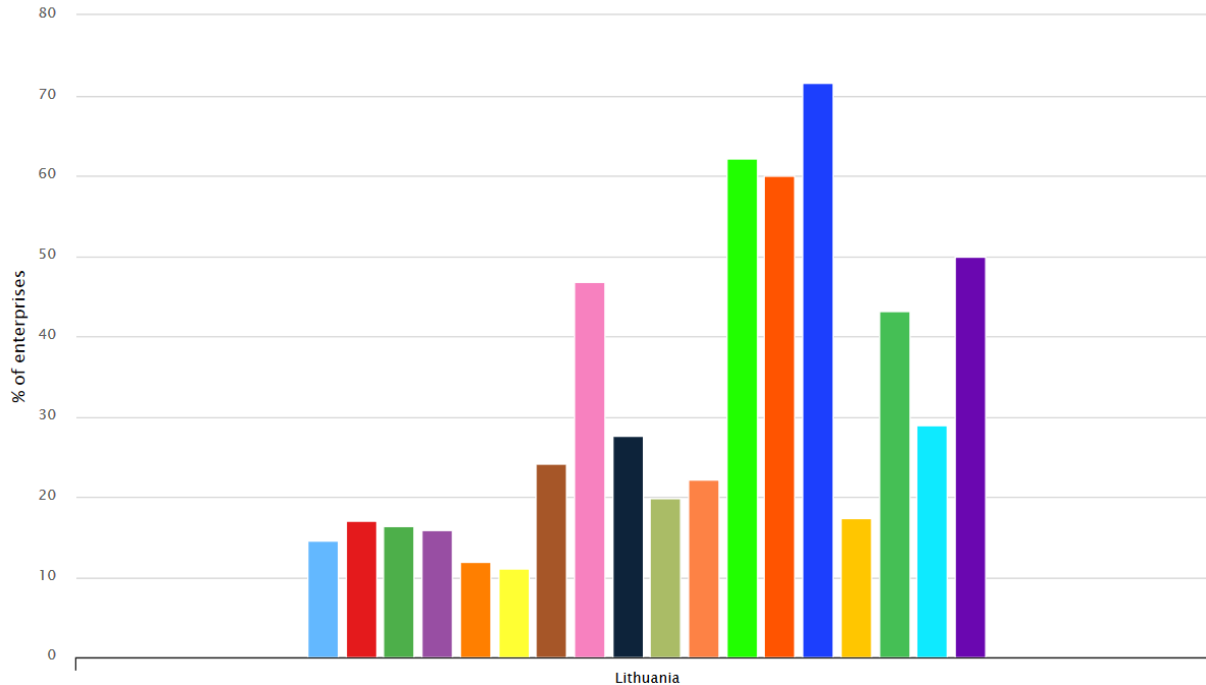
Open Data (2015)



Enterprises with high level of Digital Intensity by economic sectors in Lithuania

Enterprises with High Levels of Digital Intensity, by Economic sectors (17 Nace groups)

Year:2016



Legend

- Manufacture: food, beverages, tobacco, textile, leather, wood, paper; publishing and printing 10+
- Manufacture: coke, petroleum, chemical, plastics, other non-metallic mineral products 10+
- Manufacture: basic metals & fabricated metal products excluding machines & equipments 10+
- Manufacture: computers, electric & optical, motor vehicles, transport equipment, furniture, repair 10+
- Electricity, gas, steam, air conditioning; water supply, sewerage, waste management & remediation 10+
- Construction 10+
- Trade of motor vehicles and motorcycles 10+
- Wholesale trade, except of motor vehicles and motorcycles 10+
- Retail trade, except of motor vehicles and motorcycles 10+
- Transport and storage 10+
- Accommodation and food service activities 10+
- Publishing activities; films & television, sound & music publishing; broadcasting 10+
- Telecommunications 10+
- Computer programming, consultancy and related activities, information services 10+
- Real estate activities 10+
- Professional, scientific and technical activities 10+
- Administrative and support service activities 10+
- Repair of computers and communication equipment

Sectors where less than 30% of the companies have a high level of digital intensity

- Manufacture: food, beverages, tobacco, textile, leather, wood, paper; publishing and printing 10+
- Manufacture: coke, petroleum, chemical, plastics, other non-metallic mineral products 10+
- Manufacture: basic metals & fabricated metal products excluding machines & equipment 10+
- Manufacture: computers, electric & optical, motor vehicles, transport equipment, furniture, repair 10+
- Electricity, gas, steam, air conditioning; water supply, sewerage, waste management & remediation
- Construction 10+
- Retail trade, except of motor vehicles and motorcycles 10+
- Transport and storage 10+
- Accommodation and food service activities 10+
- Real estate activities 10+
- Trade of motor vehicles and motorcycles 10+
- Administrative and support service activities 10+

Sectors where more than 30% of the companies have a high level of digital intensity:

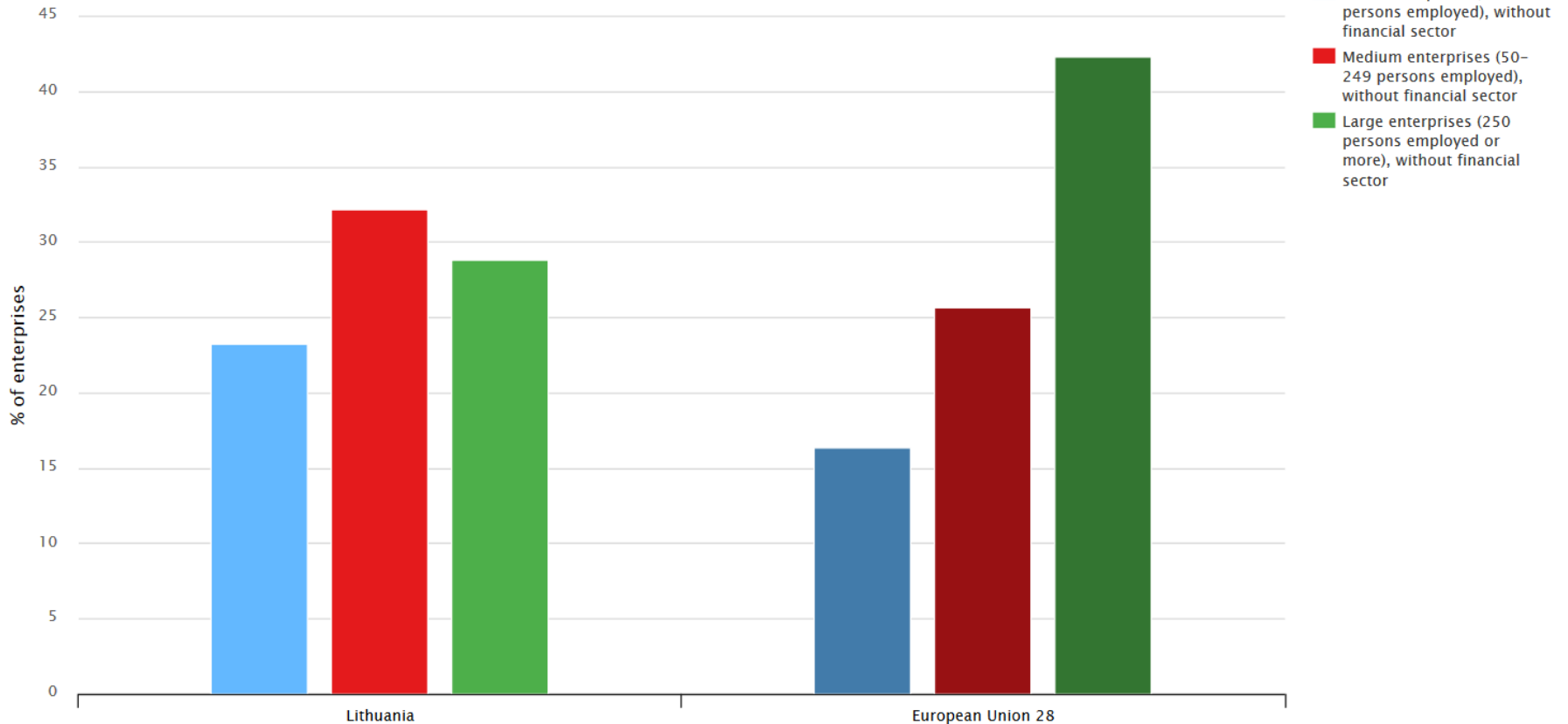
- Wholesale trade, except of motor vehicles and motorcycles 10+
- Publishing activities; films & television, sound & music publishing; broadcasting 10+
- Telecommunications 10+
- Computer programming, consultancy and related activities, information services 10+
- Professional, scientific and technical activities 10+
- Repair of computers and communication equipment

[http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22ebusiness%22,%22indicator%22:%22e di hivhi%22,%22breakdown-group%22:%22econsector%22,%22unit-measure%22:%22pc ent%22,%22time-period%22:%222016%22,%22ref-area%22:\[%22LT%22\]}](http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22ebusiness%22,%22indicator%22:%22e di hivhi%22,%22breakdown-group%22:%22econsector%22,%22unit-measure%22:%22pc ent%22,%22time-period%22:%222016%22,%22ref-area%22:[%22LT%22]})

Enterprises with high levels of digital intensity, by Enterprise size

Enterprises with High levels of Digital Intensity, by Enterprise size (Small, Medium, Large)

Year:2016



[http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22ebusiness%22,%22indicator%22:%22e_di_hivhi%22,%22breakdown-group%22:%22byENTsize_s_m_l%22,%22unit-measure%22:%22pc_ent%22,%22time-period%22:%222016%22,%22ref-area%22:\[%22EU28%22,%22LT%22\]}](http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22ebusiness%22,%22indicator%22:%22e_di_hivhi%22,%22breakdown-group%22:%22byENTsize_s_m_l%22,%22unit-measure%22:%22pc_ent%22,%22time-period%22:%222016%22,%22ref-area%22:[%22EU28%22,%22LT%22]})

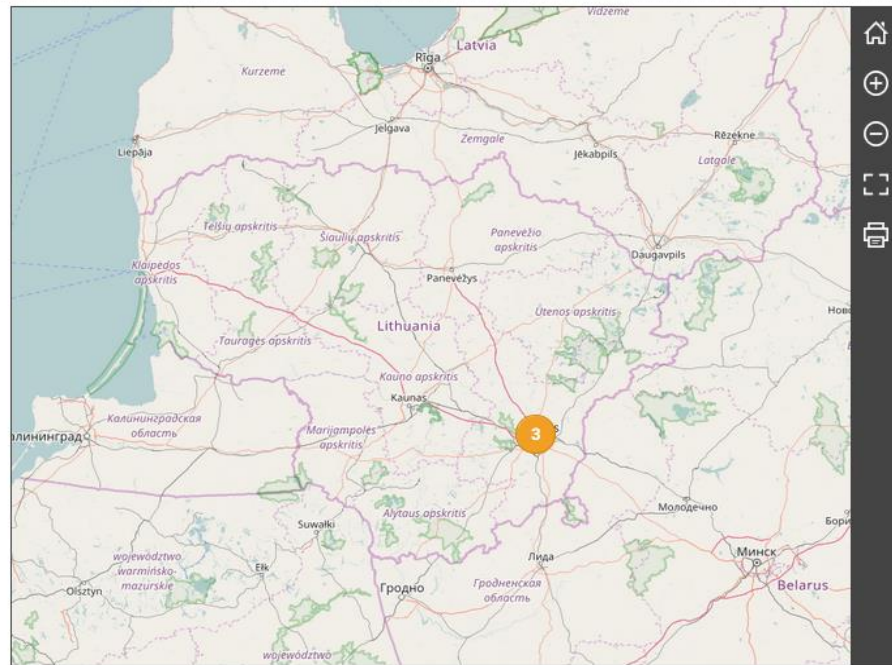
Digital Innovation Hubs Catalogue

The Lithuania case

European
Commission



Digital Innovation Hubs



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[Export Hubs to csv](#)

Hub Name	Location	Country	Contact	Phone	Email	Website
ADVANCED MANUFACTURING DIGITAL INNOVATION HUB	Savanorių pr. 176 C - 803, LT-03154, Vilnius	Lithuania	GINTARAS VILDA	+370 5 231 2520	✉	
Lithuanian Laser cluster	08412, Vilnius	Lithuania				🌐
LRA Digital Innovation Hub (Lithuanian Robotics Association)	09108, Vilnius	Lithuania				🌐

Search: LITHUANIA

Technical Competences: None selected

Services Provided: None selected

Focus on TRL: None selected

Market sectors: None selected

- Select all
- Agriculture, hunting and forestry
- Fishing
- Mining and quarrying
- Electricity, gas and water supply
- Construction
- Wholesale and retail trade
- Hotels and restaurants
- Transport, storage and communication
- Financial intermediation
- Real estate, renting and business activities
- Public administration and defence

The version available presents:

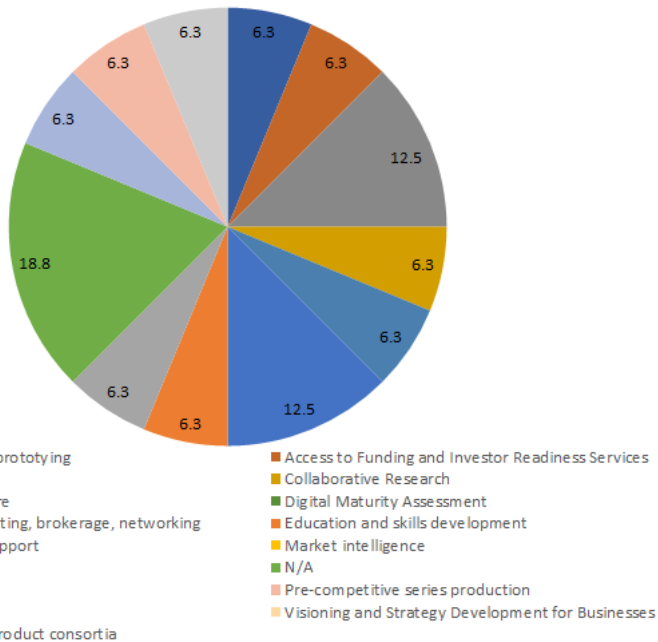
- Fact-sheets with profile, contact data, service examples for regional, national, and EU-supported DIHs
- Map-based search tool by technical competences, market sector, services

<http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

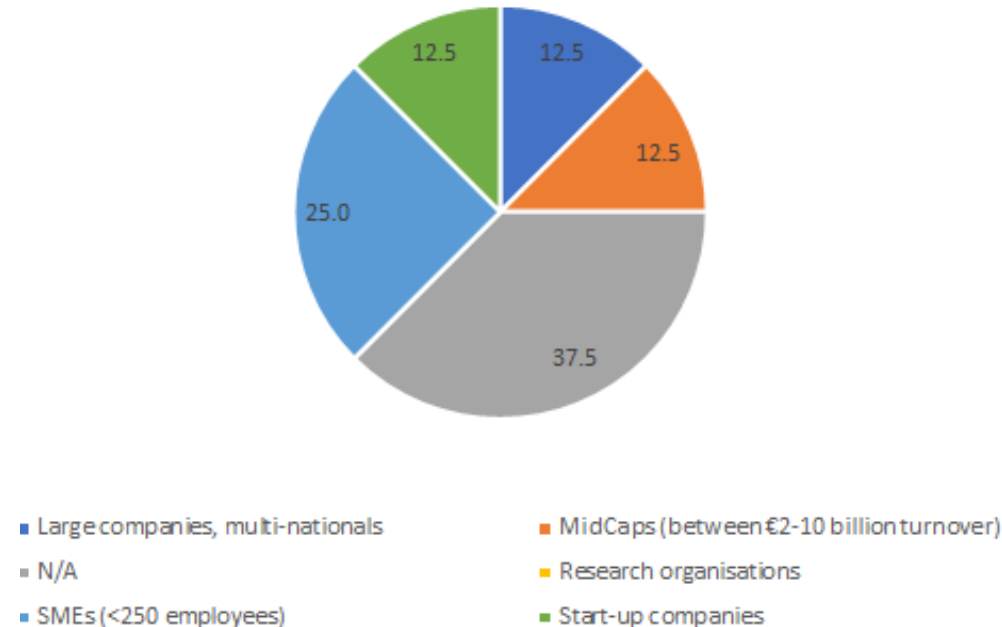
JRC-B3-DIH@ec.europa.eu

Services provided and types of customers supported by DIHs in Lithuania - Analysis

Types of services provided (%)



Types of customers supported (%)



The analysis of the data presented was conducted by TNO, the detailed data is provided in the Catalogue of DIHs available on: <http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>



Competence centers/DIHs funded by EU projects in Lithuania in H2020

Project Topic Code	Project Acronym	Project Duration	Project End Date	Participant Legal Name	Participant Role	Participant Short Name	Core Legal Entity Type	Research Organisation?
FoF-2015	ReconCell	36	31/10/2018	UAB PRECIZIKA METAL	PARTICIPANT	PRZM	PRIVATE	No
FOF-12-2017	L4MS	42		LIETUVOS ROBOTIKOS ASOCIACIJA	PARTICIPANT	LRA	PRIVATE	No



Competence centers/DIHs funded by EU projects in Lithuania in FP7

Project Number	Project Acronym	Project Duration	Project Start Date	Project End Date	Project Number of Participants	Participant Short Name	Participant Legal Name	Participant Role	Organisation Type
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	VITTAMED	UAB Vittamed	Participant	PRC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	EKSPLA	EKSPLA UAB	Participant	PRC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	FTMC	VALSTYBINIS MOKSLINIŲ TYRIMŲ INSTITUTAS FIZINIŲ IR TECHNOLOGIJOS MOKSLŲ CENTRAS	Coordinator	REC
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	ELAS, UAB	ELAS UAB	Participant	PRC

Cluster Organisations Mapping Tool

Welcome on the ECCP cluster organisations mapping tool. This tool maps cluster organisations registered on the ECCP platform and shows also data from the [European Cluster Observatory](#).

Keywords search
Enter keywords here... Clear Selected list

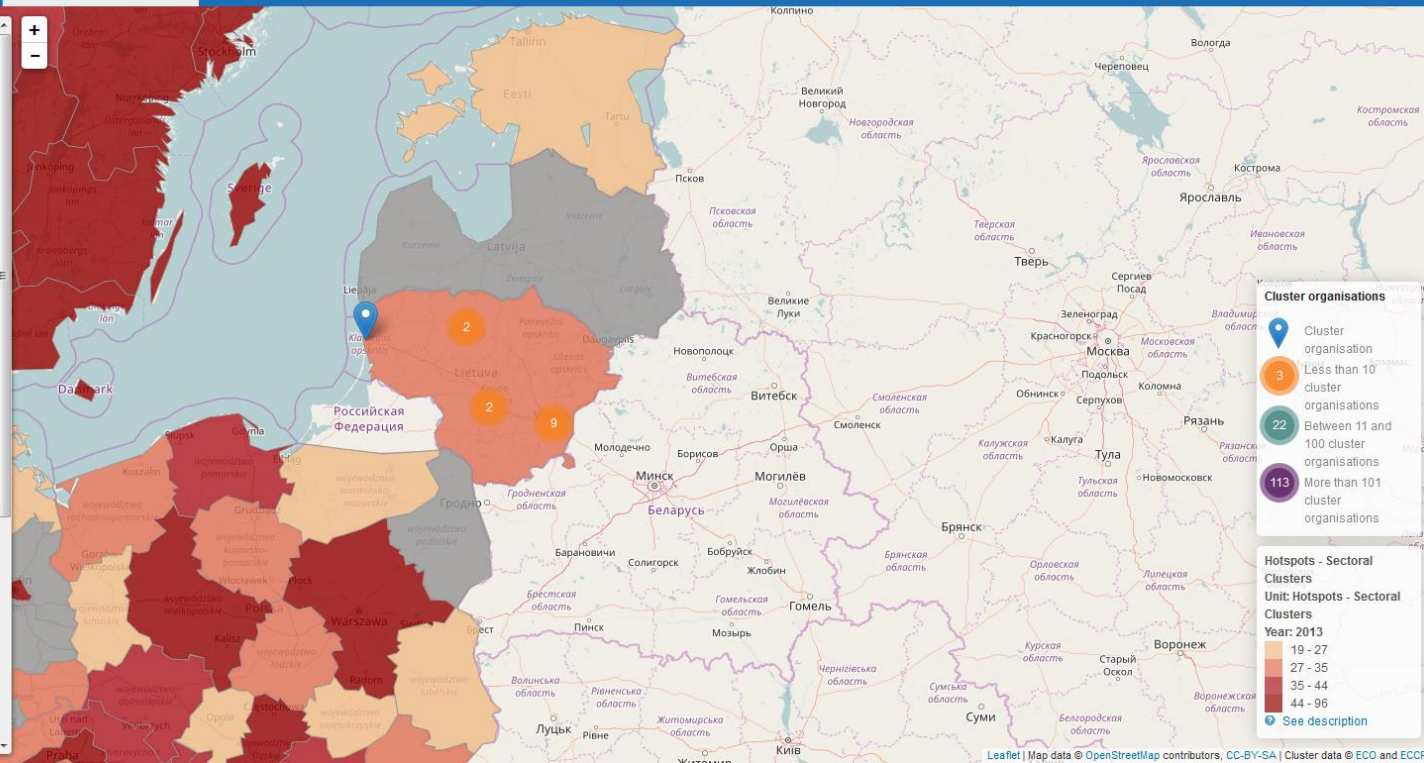
Country & Regions

Country
Lithuania
Region

Cluster Organisations

Sectoral Industries
All sectors
Technology fields
All categories
S3 EU priority areas
All S3 priority areas
Number of staff
Any
ESCP-4i Membership
None
Target countries for international activities

Emerging industries
All emerging industri
Participation in EU programmes
Any
Total number of members
Any
Cluster Excellence Label/Award
Any
Target countries for trans-national activities



https://www.clustercollaboration.eu/print/cluster-list?combine=&country_code=lt

Please see [WG1 report](#)

GROWTH
Internal Market, Industry, Entrepreneurship and SMEs

European Commission > Growth > KETs Tools > SMEs' Access to Key Enabling Technologies

Single Market and Standards | **Industry** | Entrepreneurship and SMEs | Access to finance for SMEs | Sectors

KETs Tools

- KETs Observatory
- KETs Technology Centres**
 - KETs TCA Mapping
 - Contacts
 - Help
 - Login

Industry - links

- News
- Events
- Tools and Databases
- Contracts and grants
- Public consultations
- Publications

SMEs' Access to Key Enabling Technologies

What is the objective of the map below?

To allow **SMEs**, wherever located in Europe, to find **Technology Centres** which can help to **Innovate through Key Enabling Technologies (KETs)**.

The Technology centres are selected according to **criteria** demonstrating their capacity to collaborate with **SMEs** on close-to-market research and innovation (Technology Readiness Levels 3 to 8, not necessarily the whole range).

How to use the map?

Filters at the right-side of the map allow to refine the search.

More details, including the **SME** contact person, can be seen by clicking on the marker for each centre.

Map | List

Filters

- ▼ Countries
- Select All
- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Spain

[https://ec.europa.eu/growth/tools-databases/kets-tools/kets-tc/map?field_postal_address_country\]=LT](https://ec.europa.eu/growth/tools-databases/kets-tools/kets-tc/map?field_postal_address_country]=LT)

Co-Location Centres are meeting places, melting pots, hubs, where planned, as well as ad hoc, meetings and events take place.

They bring together talents, ideas, technologies and investments that turn the Co-Location Centres into vibrant hot spots where students, researchers, engineers and business developers cross-pollinate to succeed in the market.

<https://masterschool.eitdigital.eu/about-us/co-location-centres/>

No eit Digital Co-Location Centre in Lithuania

No Pilot Lines in Nanotechnology and Advanced Materials in Lithuania

Planned investments, allocated resources, in Lithuania, in relation to European Regional Development Funds in categories relevant for Digital Innovation Hubs

European Commission

EUROPEAN STRUCTURAL AND INVESTMENT FUNDS

DATA

European Commission > European Structural & Investment Funds > Data

HOME EXPLORE EU DATA EXPLORE BY THEME EXPLORE BY COUNTRY EXPLORE BY FUND

Country Data for: Lithuania

View a different country

Finances: Planned

Finances: Implemented

EU Payments

Achievements

Programmes

Lithuania, through 3 national programmes, benefits from ESIF funding of EUR 8.4 billion. This represents an average of 2849 euro per person from the EU budget over the period 2014-2020. This page includes visualizations on the planning and implementation of the finances available, the EU payments to Lithuania and achievements at country level. You can explore further the ESI Funds programmes of the country in the "Programmes" section, where we list also the relevant Interreg programmes for Lithuania.

Total EU National

Country Budget for 2014-2020:

€9 947 178 296

FINANCES: PLANNED

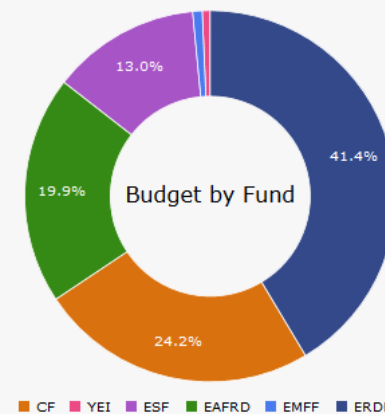
Total

Back to Top

The planned EU financing, national co-financing and total financing are visible using the filters provided in the blue bar above. Based on the filter chosen the planned financing over the period 2014-2020 is presented below 1) by fund and 2) broken down by major theme. (The source dataset is available on the link "Explore and share this dataset").

Total Budget by Fund (daily update): Lithuania, EUR

Explore and Share this Data



Refresh Date: 21/8/2017