

- Latvia's national strategy for digitising industry pg 3
- Latvia's performance in the DESI 2016 pg 4-11
- Level of Digital Intensity in Latvian enterprises by sector and size pg 12-13
- Digital Innovation Hubs Catalogue, the Latvia case pg 14
- Services provided and types of customers supported by DIHs in Latvia – Analysis pg 15
- DIHs and Competence centres funded by EU projects in Latvia in FP7 & H2020 pg 16-17
- Clusters and KETs in Latvia pg 18-19
- eit Digital Co-Location Centres pg 20
- Pilot Lines in Nanotechnology and Advanced Materials pg 21
- Planned investments, allocated resources, in Latvia, in relation to European Regional Development Funds in categories relevant for Digital Innovation Hubs pg 22



MINISTRY OF ECONOMICS OF THE REPUBLIC OF
LATVIA

Guidelines on National Industrial Policy of Latvia (Unofficial translation)

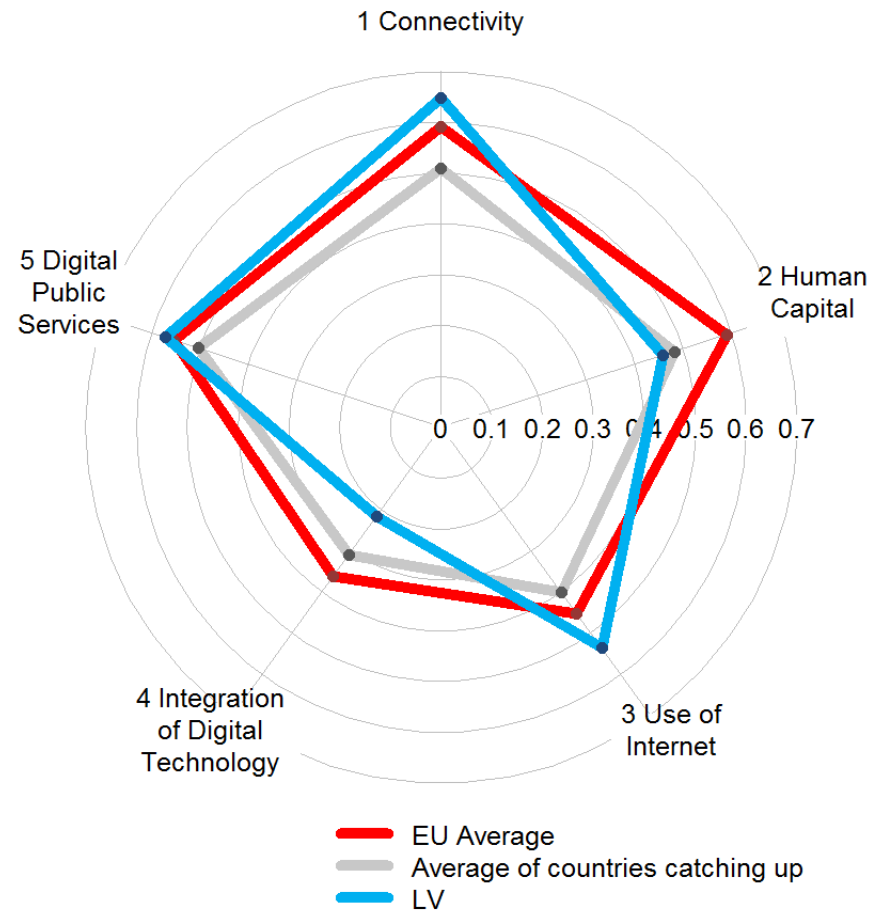
RIGA, 2012

- The policy was implemented in **2012** by the **Ministry of Economics** along with sectorial ministries, especially in close cooperation with **Ministry of Environmental Protection and Regional Development**.
- **Clusters program**: running within the Latvian ICT cluster.
- **Competence centres program**: running under the IT Competence Centre initiative.
- **Funding**: - EUR 16,7m ERDF
 - EUR 9m private funding
 - EUR 7,7m for “Promote training of employees” scheme
 - EUR 2,7m: ERDF EUR 2m, private EUR 0,7m for “ICT and non-technological training” activities.
- A **MoU** was recently signed between the Ministry of Environmental Protection and Regional Development and the Latvian Information and Communication Technology Association on cooperation in the process of digital transformation.

https://em.gov.lv/files/uznemejdarbiba/finl_en.pdf

<https://www.oppland.no/Handlers/fh.ashx?MId1=2083&FilId=1944>

**Latvia ranks 19 among EU countries.
It is part of the group of countries that are catching up.**



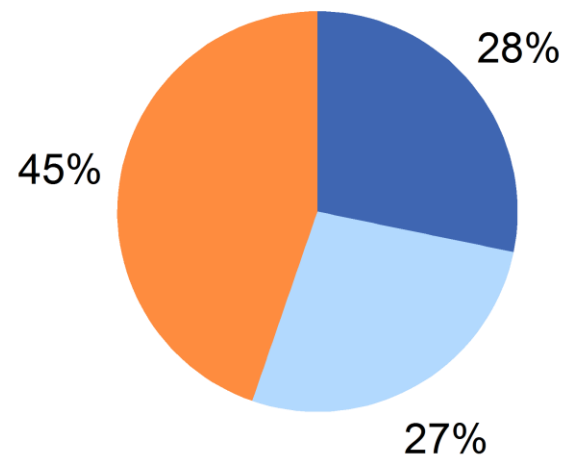
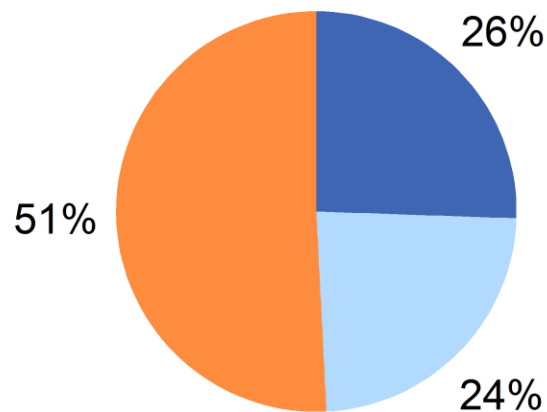
In Latvia 24% of citizens have basic digital skills (27% in the EU) and 26% have above basic digital skills (28% in the EU).

Digital Skills (2015)

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

LV

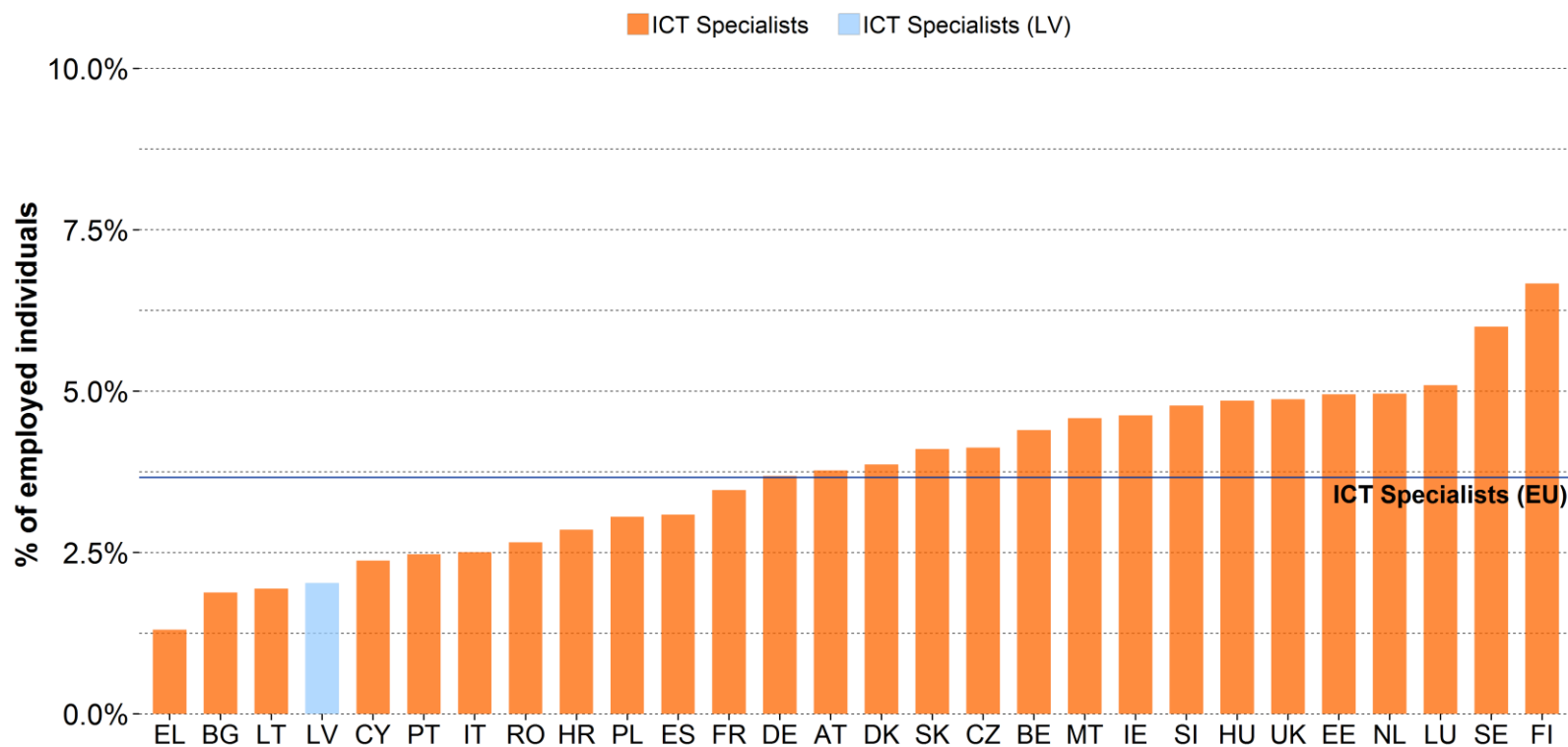
EU



% of individuals

In Latvia ICT Specialists account for 2% of the workforce (3.7% in the EU).

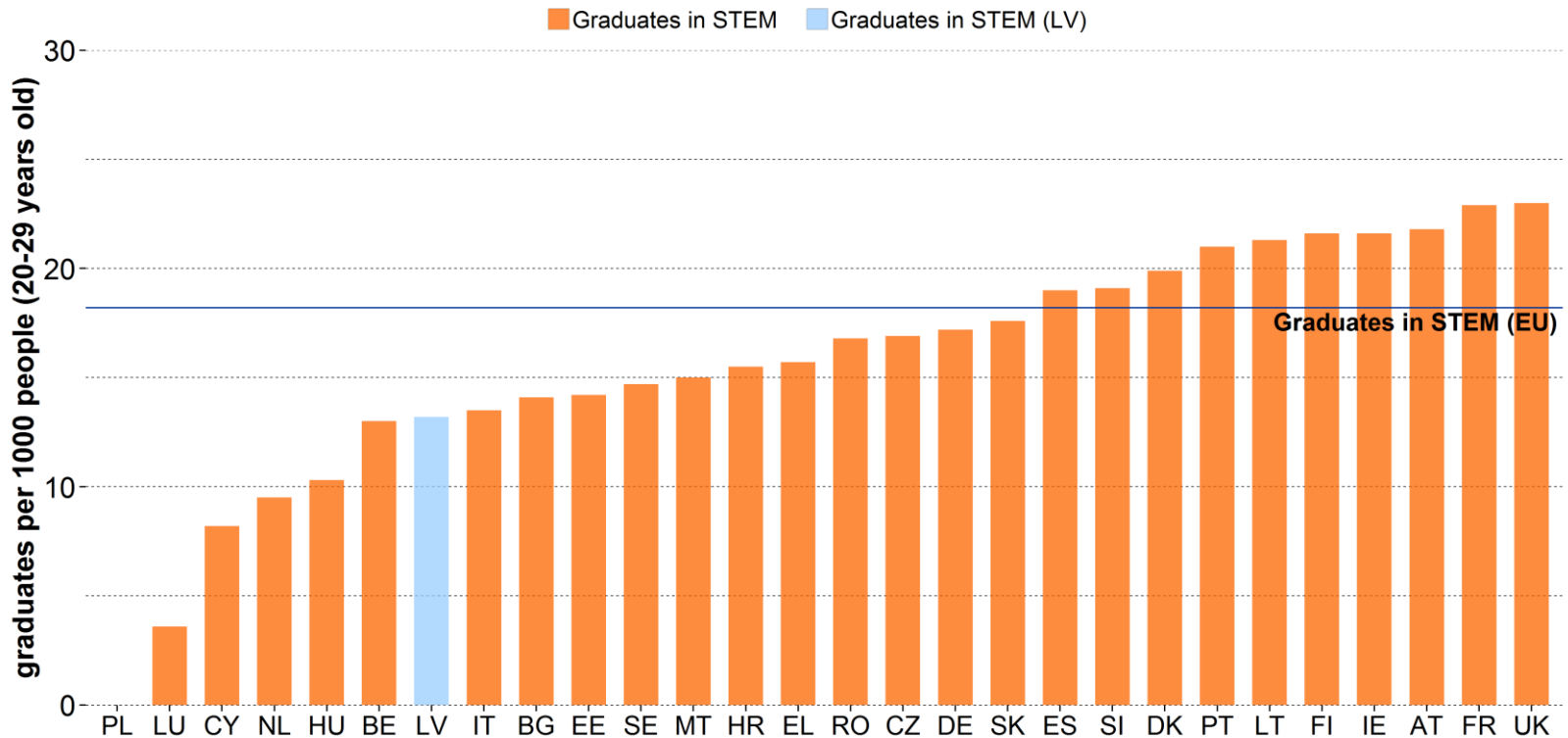
ICT Specialists in the workforce (2014)



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

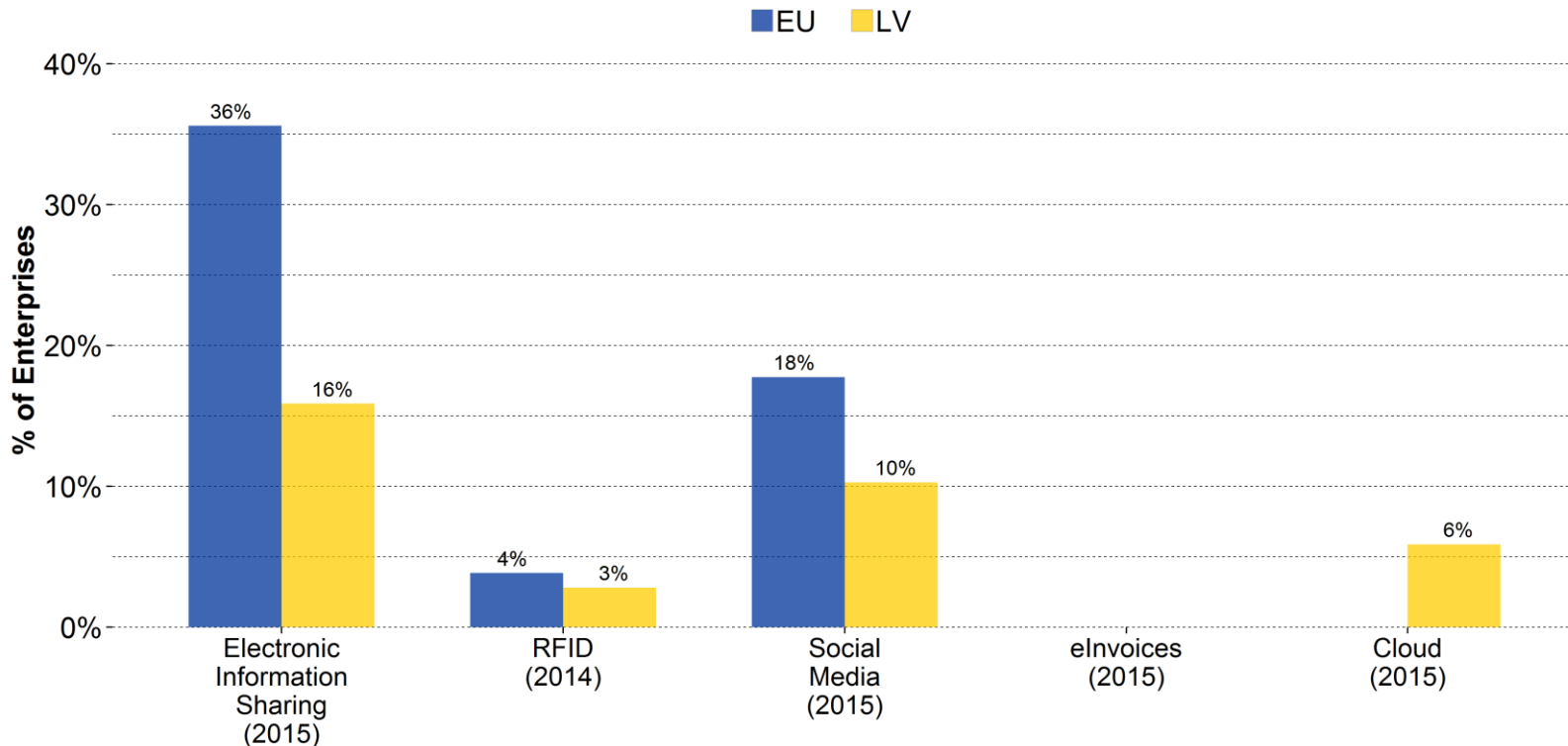
**Latvia has 13 graduates in STEM per each 1000 people aged
20-29 years old (18 in the EU).**

Graduates in Science, Technology and Mathematics (2013)



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

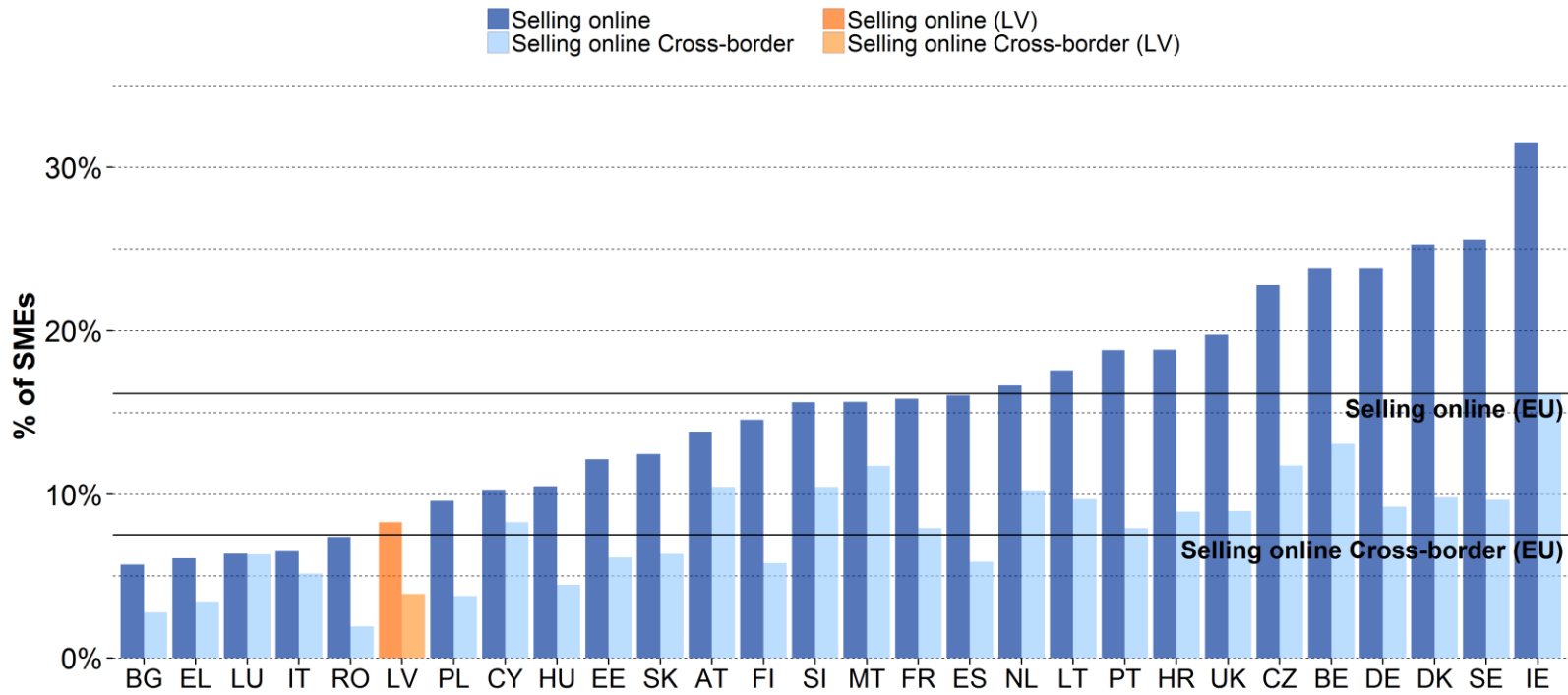
Adoption of Digital Technology by Businesses



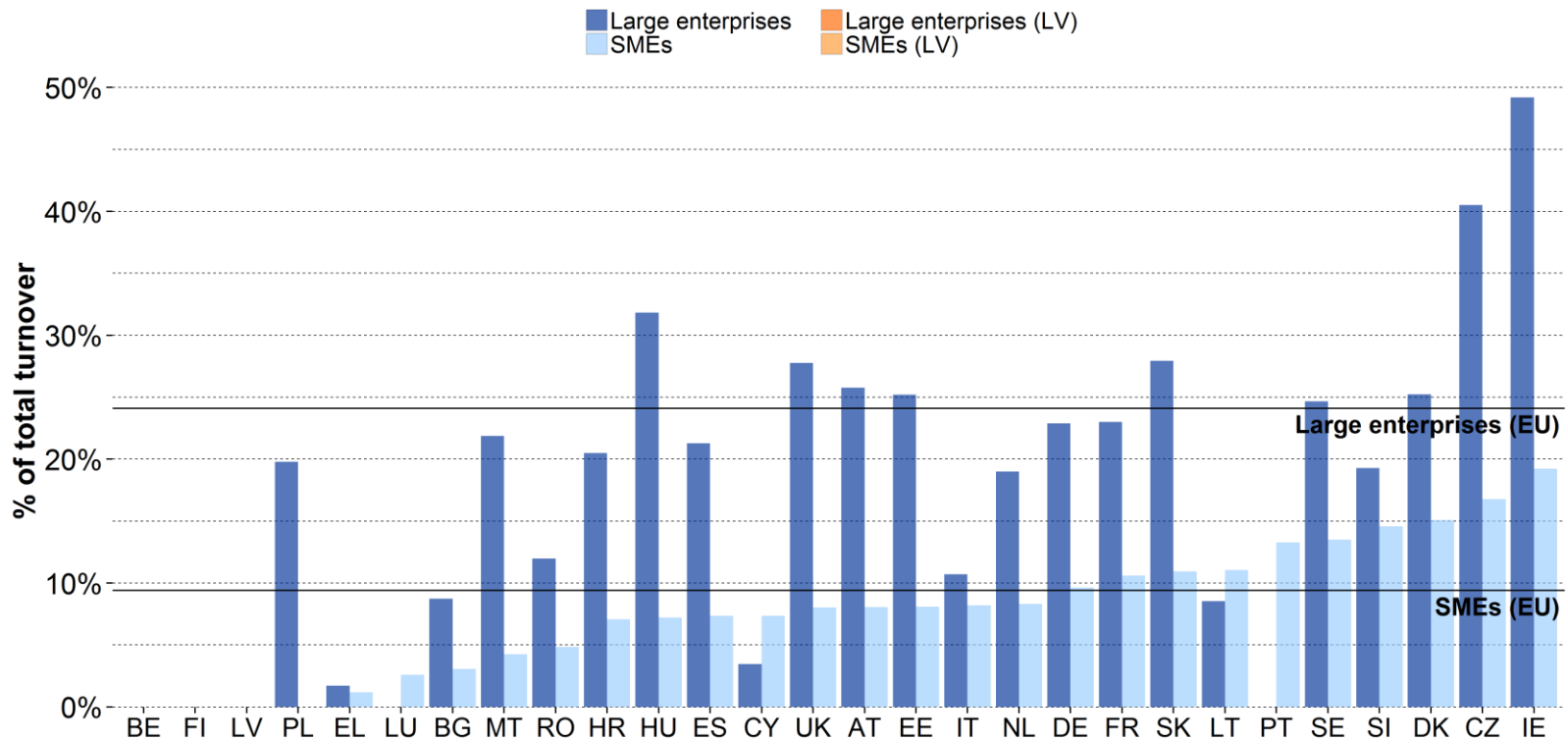
In Latvia 8.3% of SMEs sell online (16% in the EU).

3.9% of Latvian SMEs sell online to other EU countries (7.5% in the EU).

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

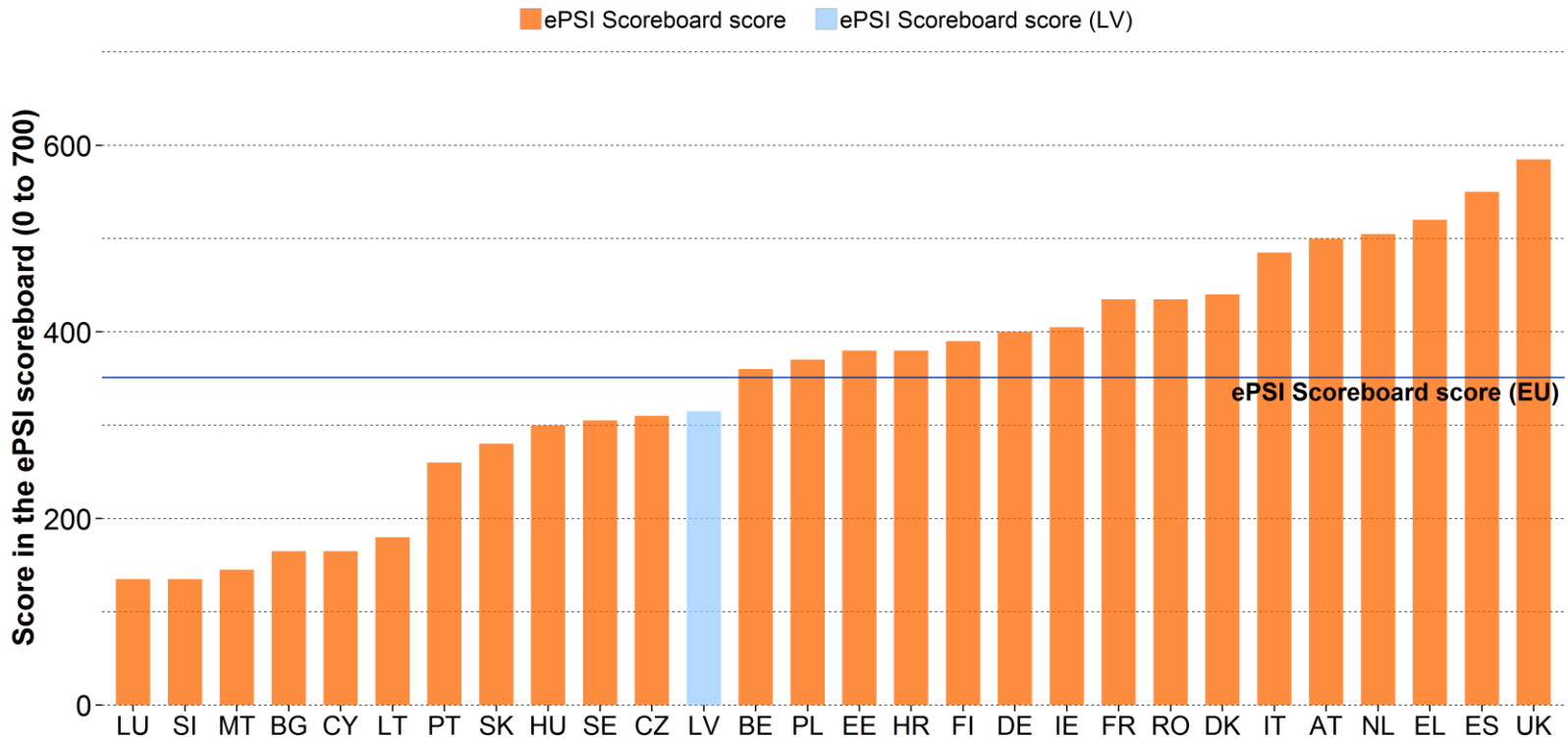


Turnover from eCommerce (2015)



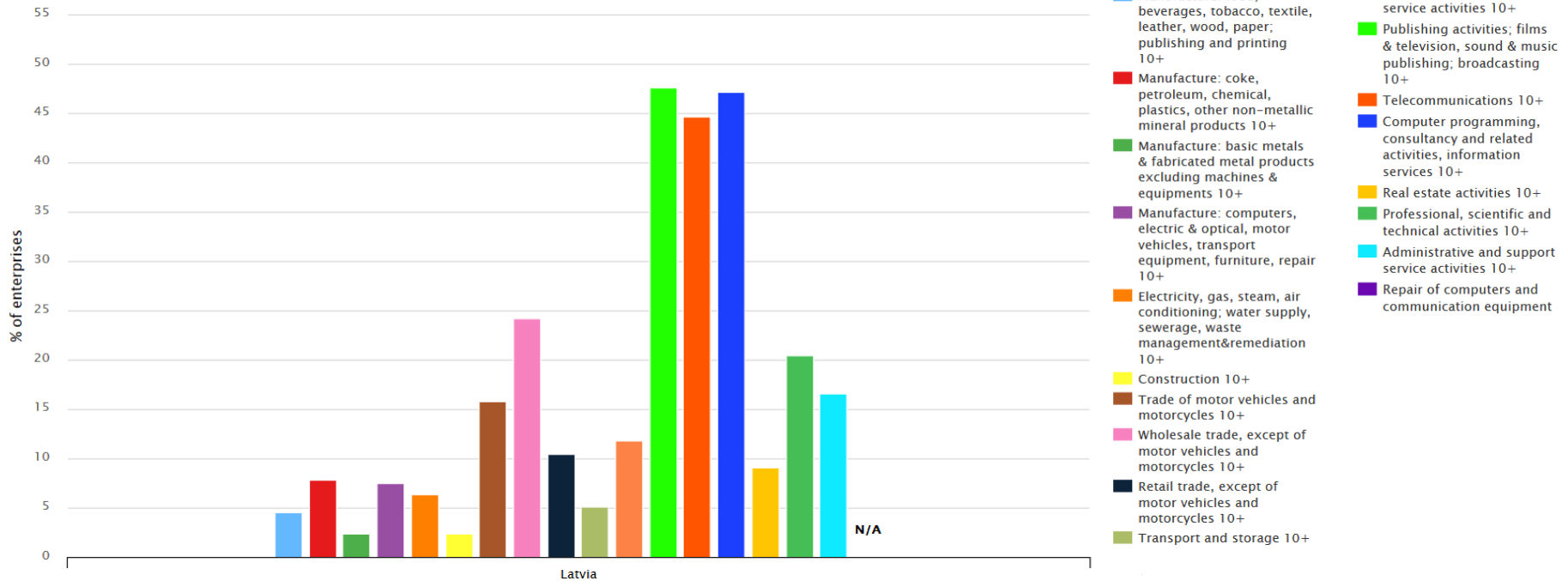
Latvia scores 315 out of 700 in the European Public Sector Information scoreboard, against an overall score of 351 out of 700 for the European Union.

Open Data (2015)



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

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+
- Professional, scientific and technical activities 10+
- Administrative and support service activities 10+
- Trade of motor vehicles and motorcycles 10+
- Wholesale trade, except of motor vehicles and motorcycles 10+

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

- Publishing activities; films & television, sound & music publishing; broadcasting 10+
- Telecommunications 10+
- Computer programming, consultancy and related activities, information services 10+

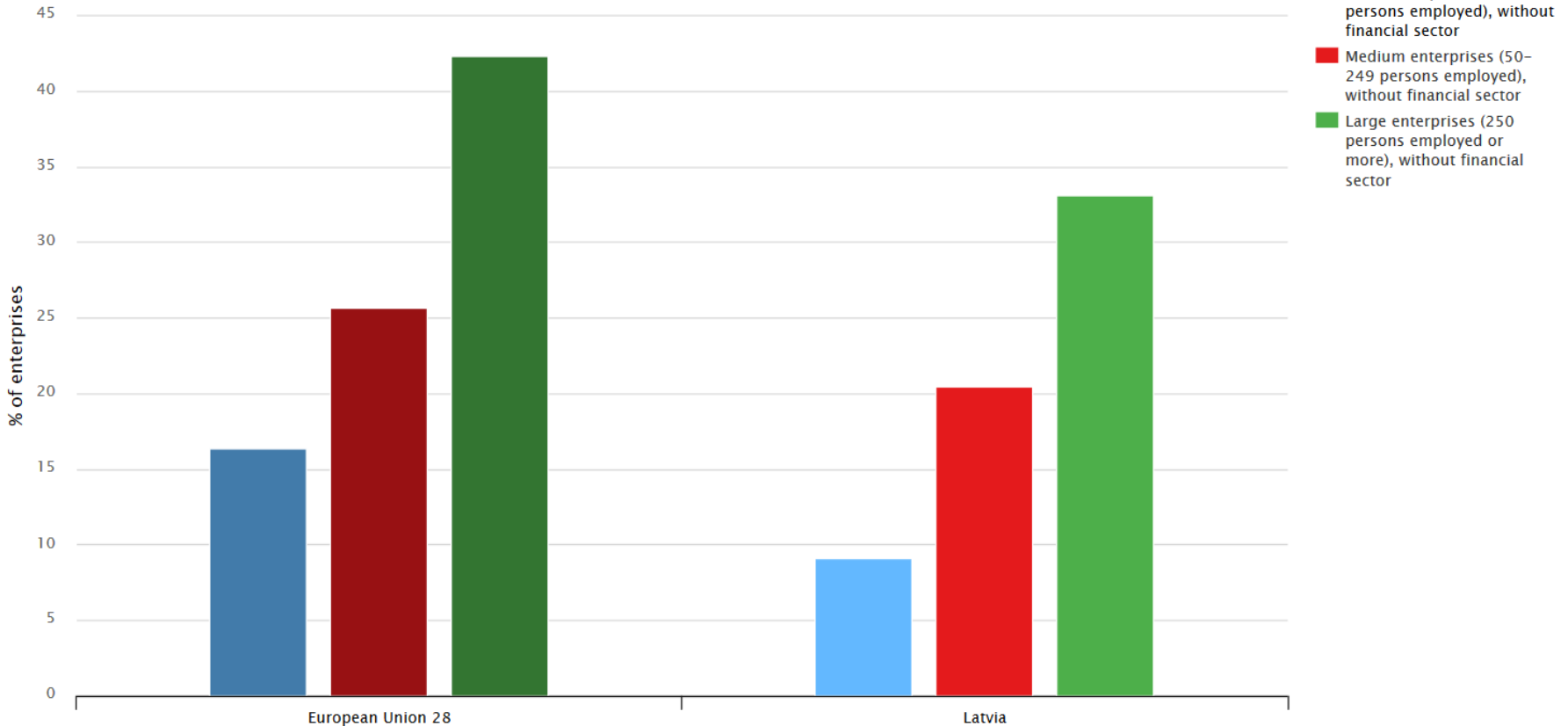
[http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22ebusiness%22,%22indicator%22:%22e_di_hivhi%22,%22breakdown-group%22:%22econsector%22,%22unit-measure%22:%22pc_ent%22,%22time-period%22:%222016%22,%22ref-area%22:\[%22LV%22\]}](http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-br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

Enterprises with high levels of digital intensity, by Enterprise size

European Commission

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:\[%22EU28%22,%22LV%22\]}](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,%22LV%22]})

Digital Innovation Hubs Catalogue

The Latvia case

European Commission



SMART SPECIALISATION PLATFORM



European Commission / Smart Specialisation Platform / Tools / Digital Innovation Hubs

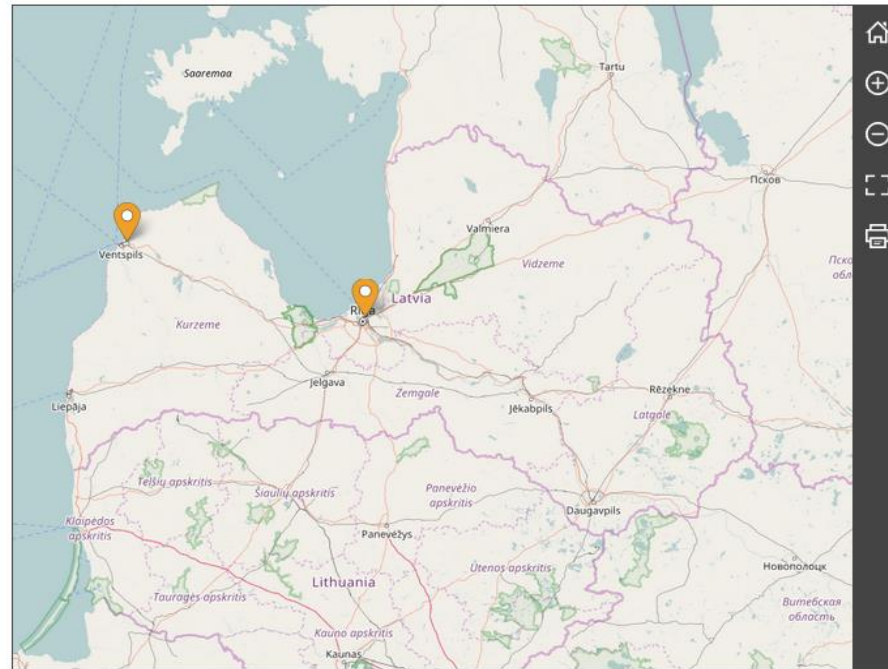
Home S3 Platform Sections Tools News Events Knowledge Repository

Search

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

Digital Innovation Hubs



Search
LATVIA

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

Leaflet | © OpenStreetMap contributors | Disclaimer

Export Hubs to csv

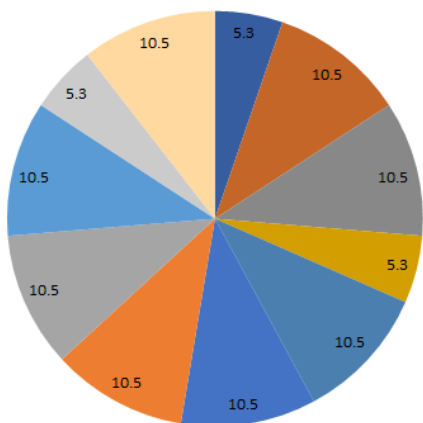
Hub Name	Location	Country	Contact	Phone	Email	Website
TechHub Riga	Sporta iela 2, LV-1050, Riga	Latvia	Dāvis Suneps	N/A	✉	🌐
Ventspils High Technology Park (VHTP)	Ventspils Augsto tehnoloģiju parks 1, LV-3602, Ventspils	Latvia	Ivars Eglājs	+371 63664934	✉	🌐

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

JRC-B3-DIH@ec.europa.eu

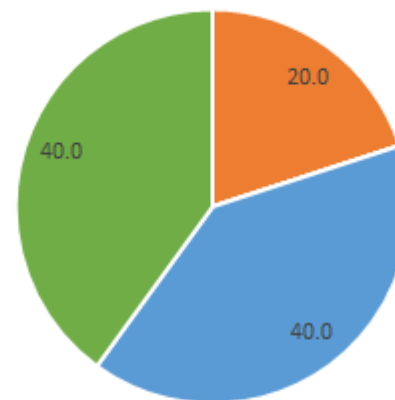
Services provided and types of customers supported by DIHs in Latvia - Analysis

Types of services provided (%)



- Concept validation and prototyping
- Awareness creation
- Commercial infrastructure
- Ecosystem building, scouting, brokerage, networking
- Incubator/accelerator support
- Mentoring
- Other (description)
- Testing and validation
- Voice of the customer, product consortia
- Access to Funding and Investor Readiness Services
- Collaborative Research
- Digital Maturity Assessment
- Education and skills development
- Market intelligence
- N/A
- Pre-competitive series production
- Visioning and Strategy Development for Businesses

Types of customers supported (%)



- Large companies, multi-nationals
- N/A
- SMEs (<250 employees)
- MidCaps (between €2-10 billion turnover)
- Research organisations
- Start-up companies

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 Latvia in H2020



No participation



No participation



European Commission

Clusters in Latvia



Login

Search...

- HOME
- CLUSTER ORGANISATIONS
- EU CLUSTER PARTNERSHIPS
- MATCHMAKING EVENTS
- INTERNATIONAL COOPERATION
- PARTNER SEARCH
- TOOLS

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: Latvia

Region: All regions

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:

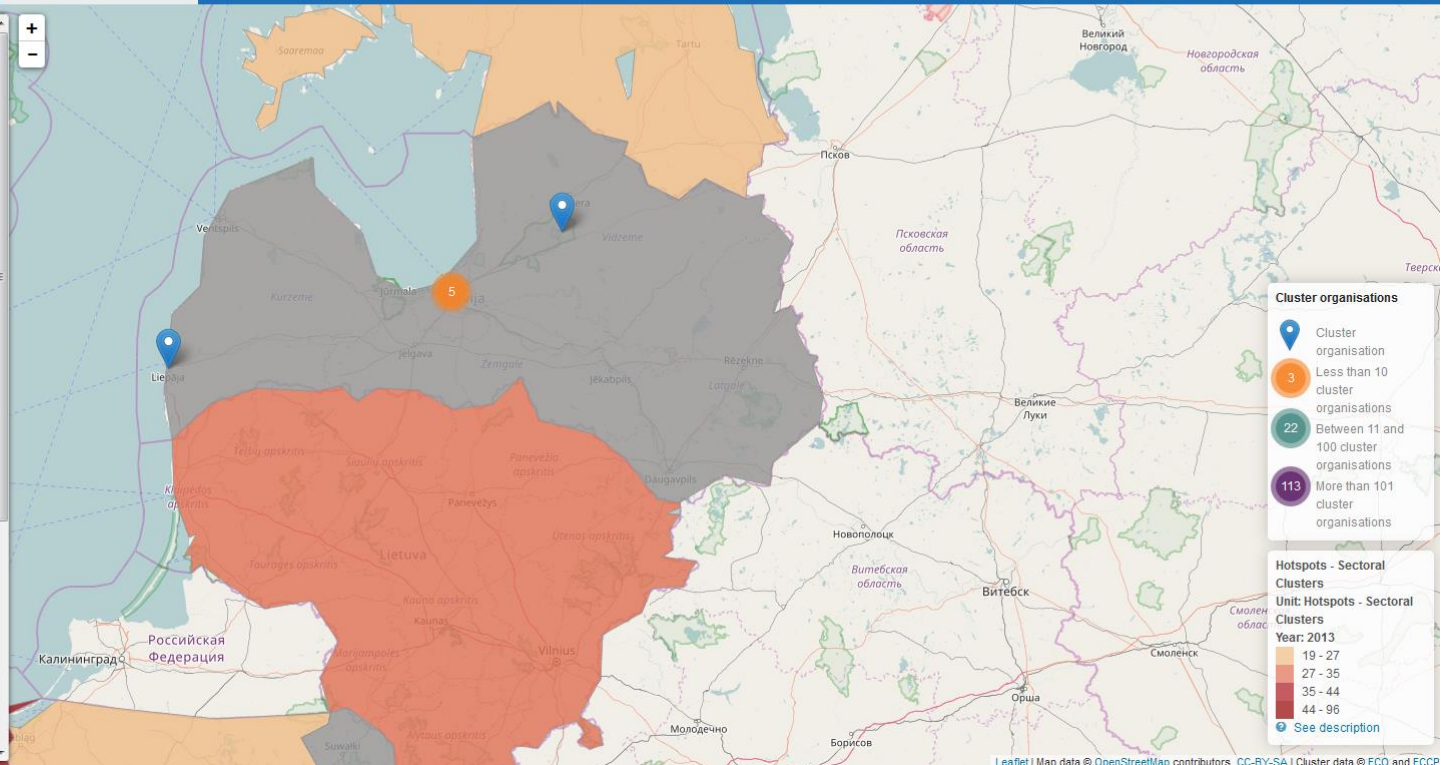
Emerging industries: All emerging industri

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=lv

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 TCs 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
 - Sweden
 - United Kingdom
- Technology Readiness Levels**
- Market sectors**

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

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 Latvia

Pilot Lines in Nanotechnology and Advanced Materials



Project Number	Project Acronym	Project Title	Project Start Date	Project End Date	Participant Legal Name	Participant Short Name	Sectors	Pilot line
646155	INSPIRED	Industrial Scale Production of Innovative nanomaterials for printed Devices	01/01/2015	31/12/2018	EUROLCDS SIA	EUROLCDS, SIA		

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

European Commission

EUROPEAN STRUCTURAL AND INVESTMENT FUNDS DATA

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

Country Data for: Latvia

View a different country

Finances: Planned

Finances: Implemented

EU Payments

Achievements

Programmes

Latvia, through 3 national programmes, benefits from ESIF funding of EUR 5.6 billion. This represents an average of 2815 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 Latvia 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 Latvia.

Total EU National

Country Budget for 2014-2020:

€6 908 036 341

FINANCES: PLANNED

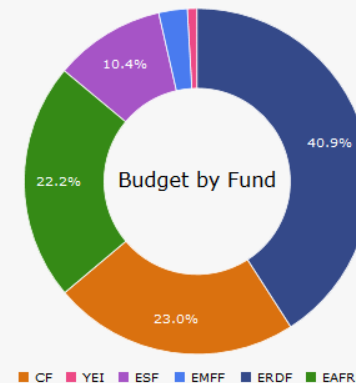
Total

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): Latvia, EUR

Explore and Share this Data



Refresh Date: 21/8/2017