

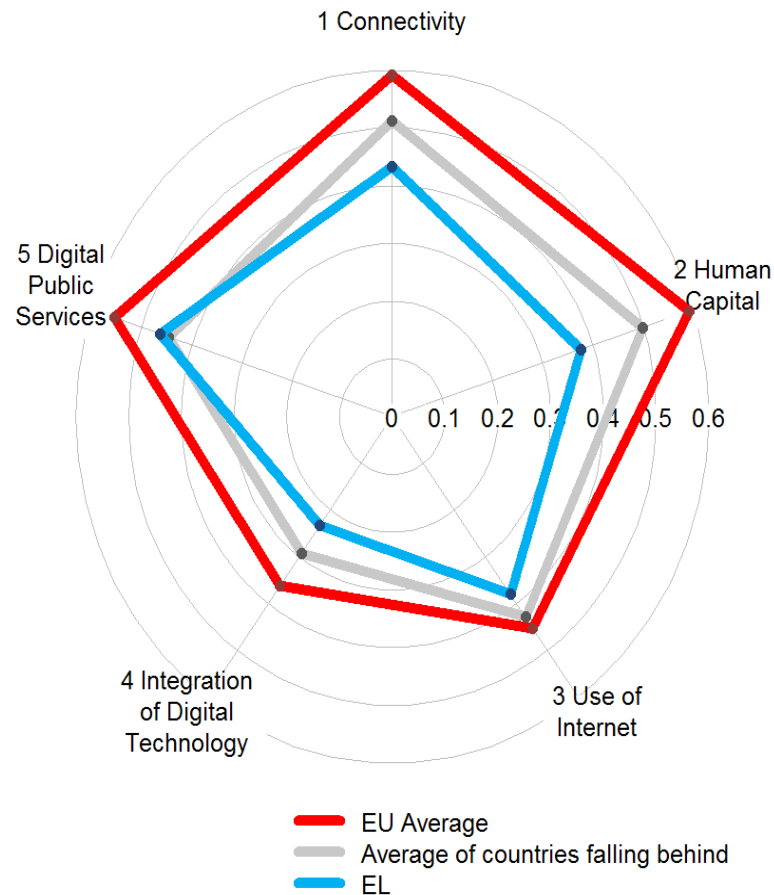
- Greece's national policy initiative on digitising industry pg 3
- Greece's performance in the DESI 2016 pg 4-11
- Level of Digital Intensity in Greek enterprises by sector and size pg 12-13
- Digital Innovation Hubs Catalogue, the Greece case pg 14
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- DIHs and Competence centres funded by EU projects in Greece in FP7 & H2020 pg 16-17
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- Planned investments, allocated resources, in Greece, in relation to European Regional Development Funds in categories relevant for Digital Innovation Hubs pg 22

Greece's national policy initiative on digitising industry



Greece has not yet developed a national policy initiative on digitising industry

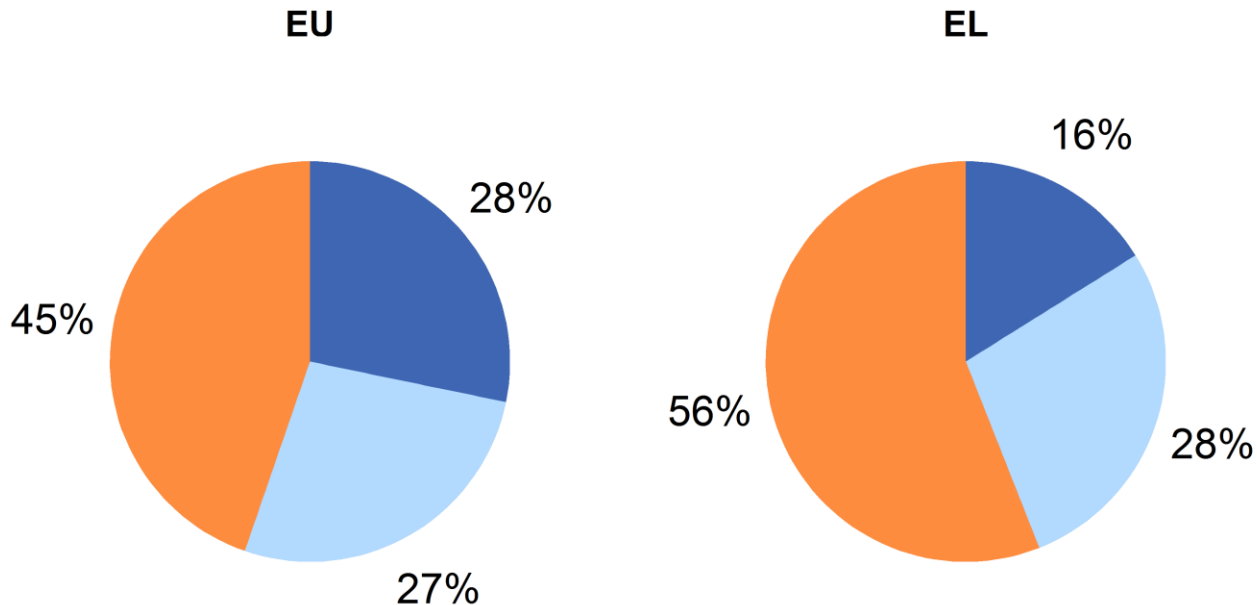
**Greece ranks 26 among EU countries.
It is part of the group of countries that are falling behind.**



In Greece 28% of citizens have basic digital skills (27% in the EU) and 16% have above basic digital skills (28% in the EU).

Digital Skills (2015)

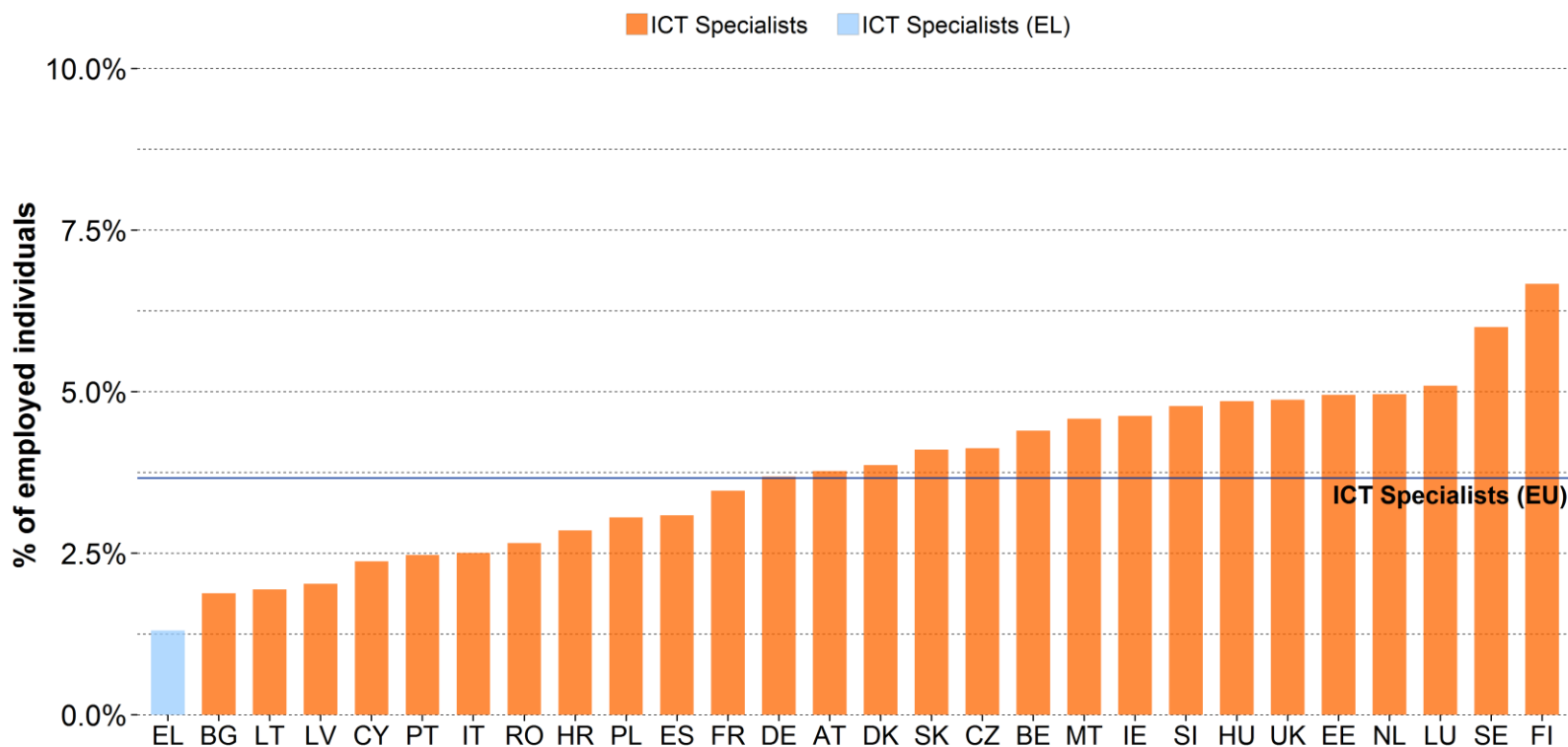
■ Above basic digital skills ■ Basic digital skills ■ Low or no digital skills, or do not use the internet



% of individuals

In Greece ICT Specialists account for 1.3% of the workforce (3.7% in the EU).

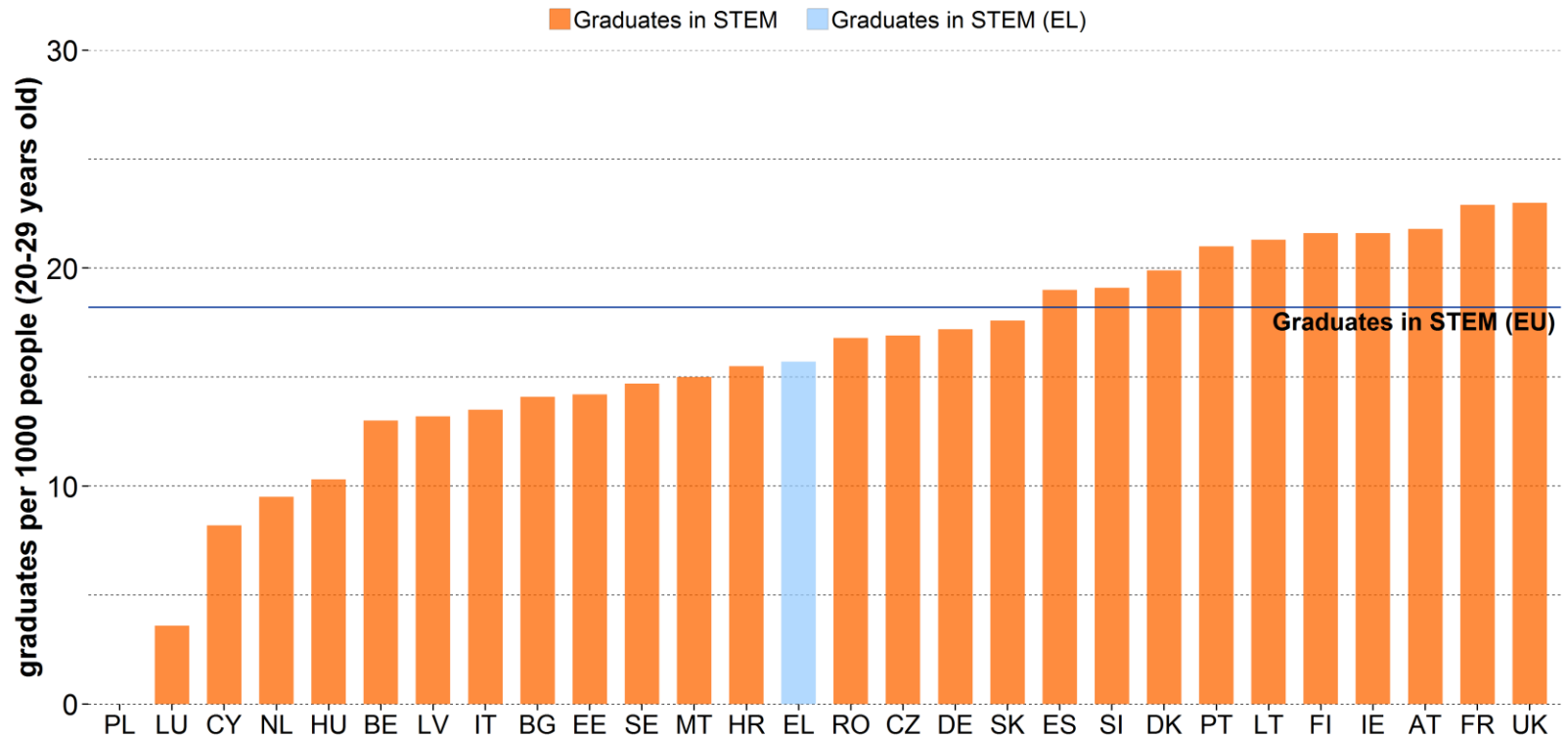
ICT Specialists in the workforce (2014)



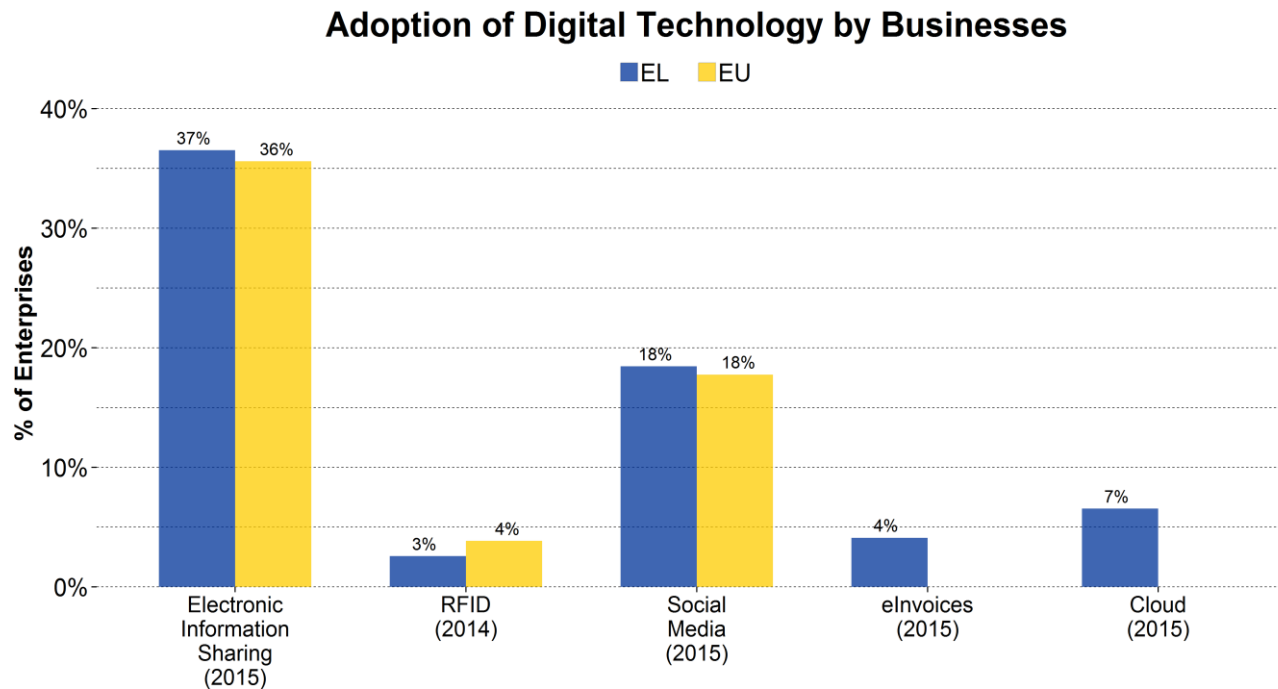
Human Capital: Graduates in STEM (Science, Technology and Mathematics)

**Greece has 16 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 Greece are adopting different digital technologies to enhance productivity, such as sharing internal information electronically or using RFID, eInvoicing, Social Media and Cloud.



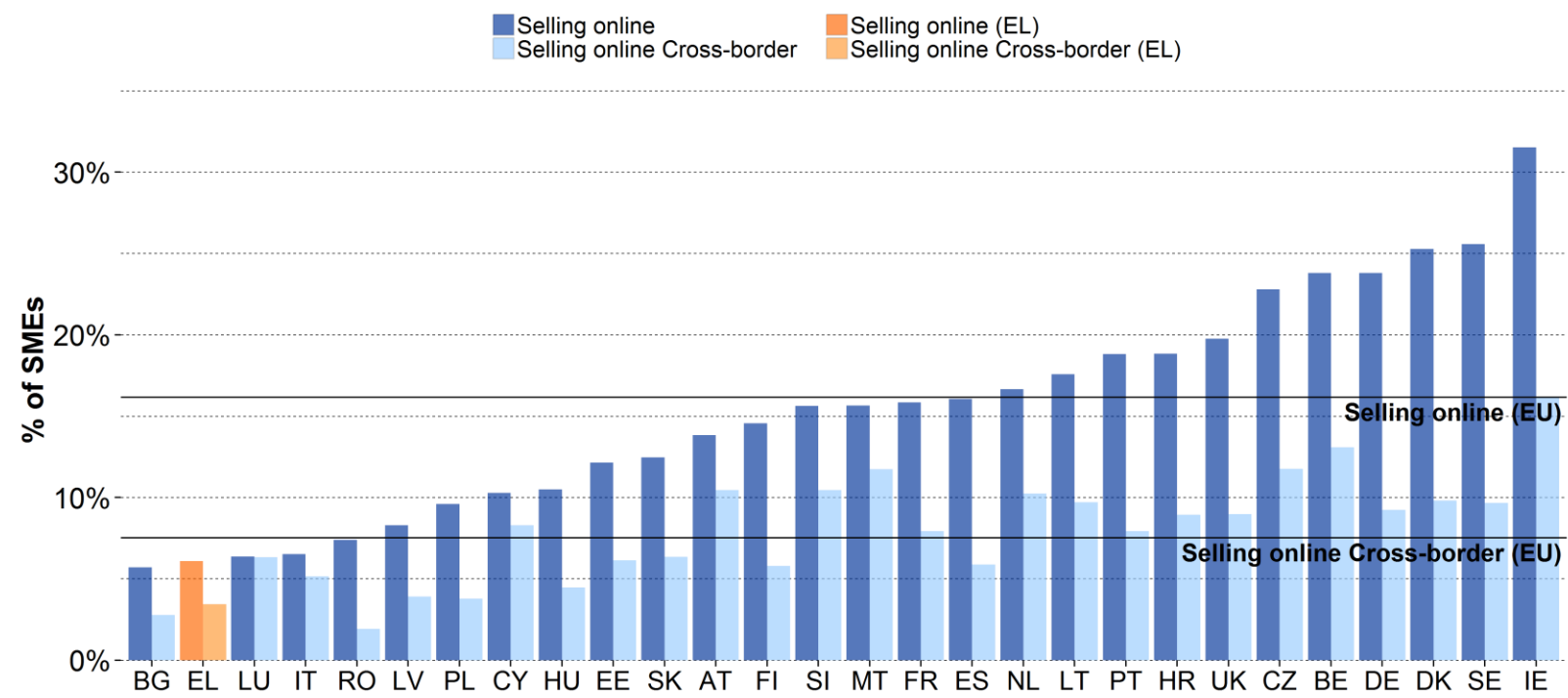


Integration of Digital Technology: SMEs selling online

In Greece 6.1% of SMEs sell online (16% in the EU).

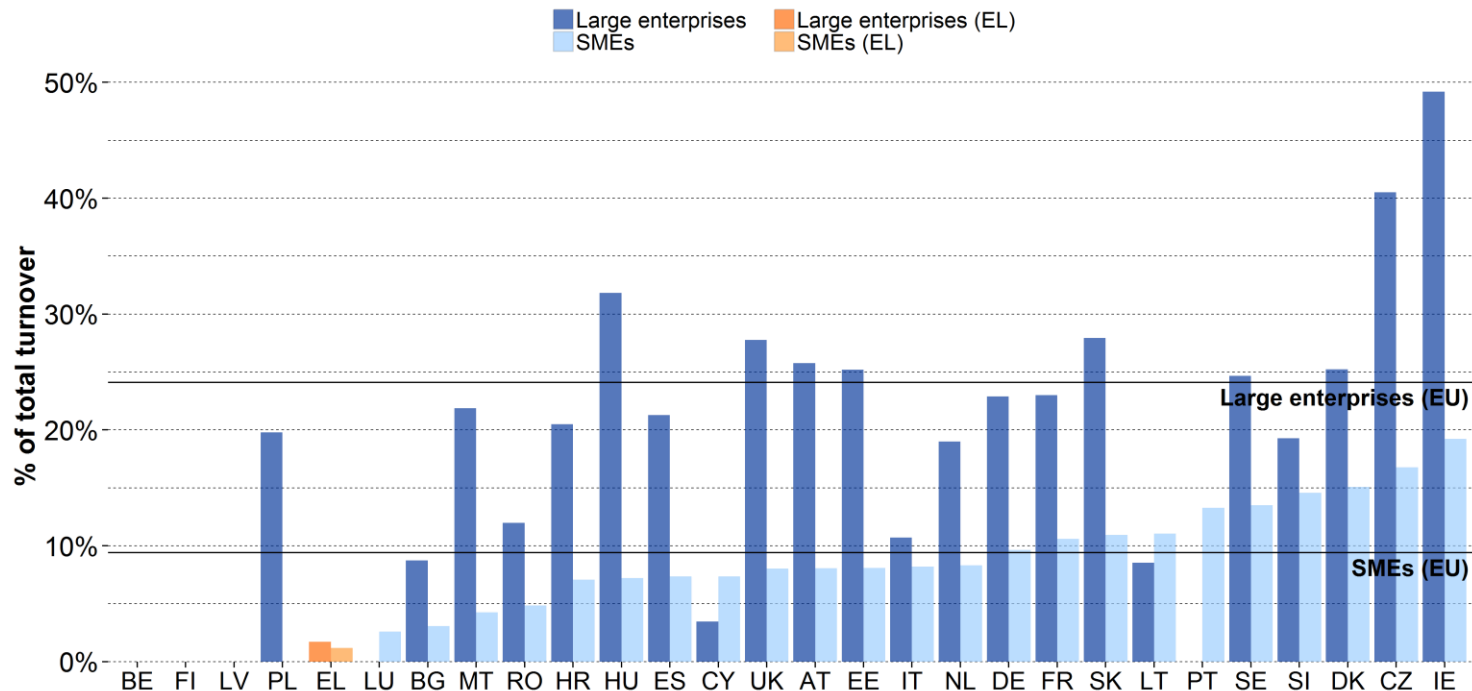
3.4% of Greek SMEs sell online to other EU countries (7.5% in the EU).

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



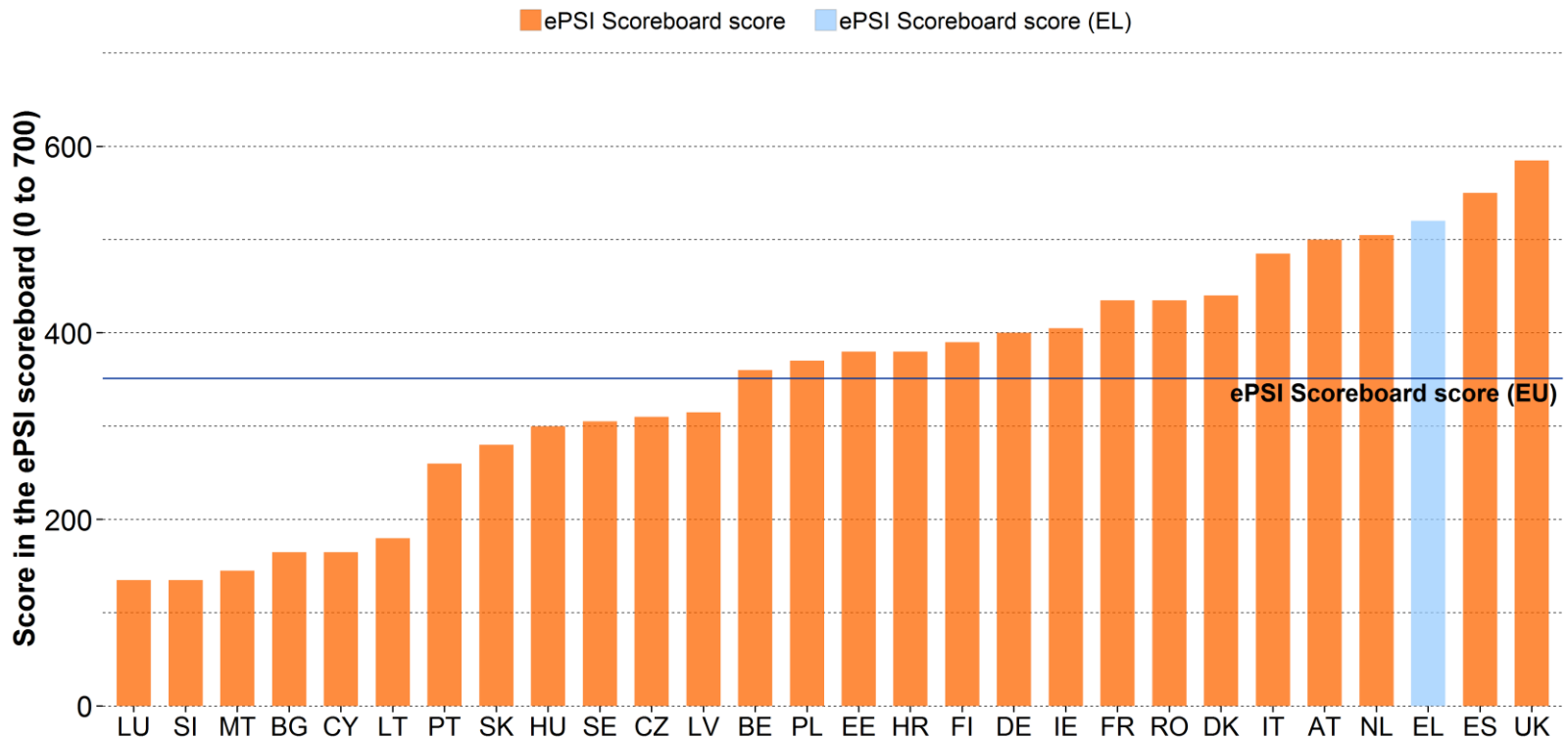
SMEs in Greece obtain on average 1.2% of their turnover from eCommerce (9.4% in the EU). Large enterprises derive on average 1.7% of their turnover from eCommerce (24% in the EU).

Turnover from eCommerce (2015)



Greece scores 520 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)

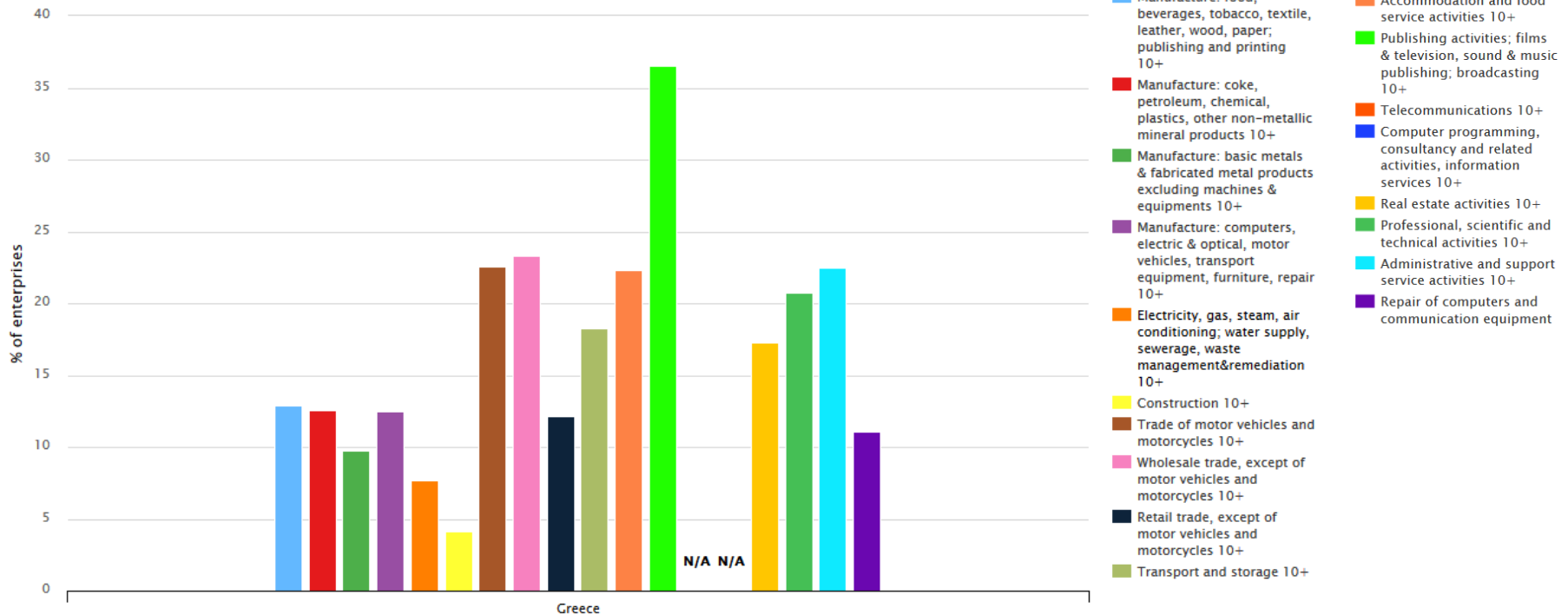


Enterprises with high level of Digital Intensity by economic sectors in Greece

European Commission

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

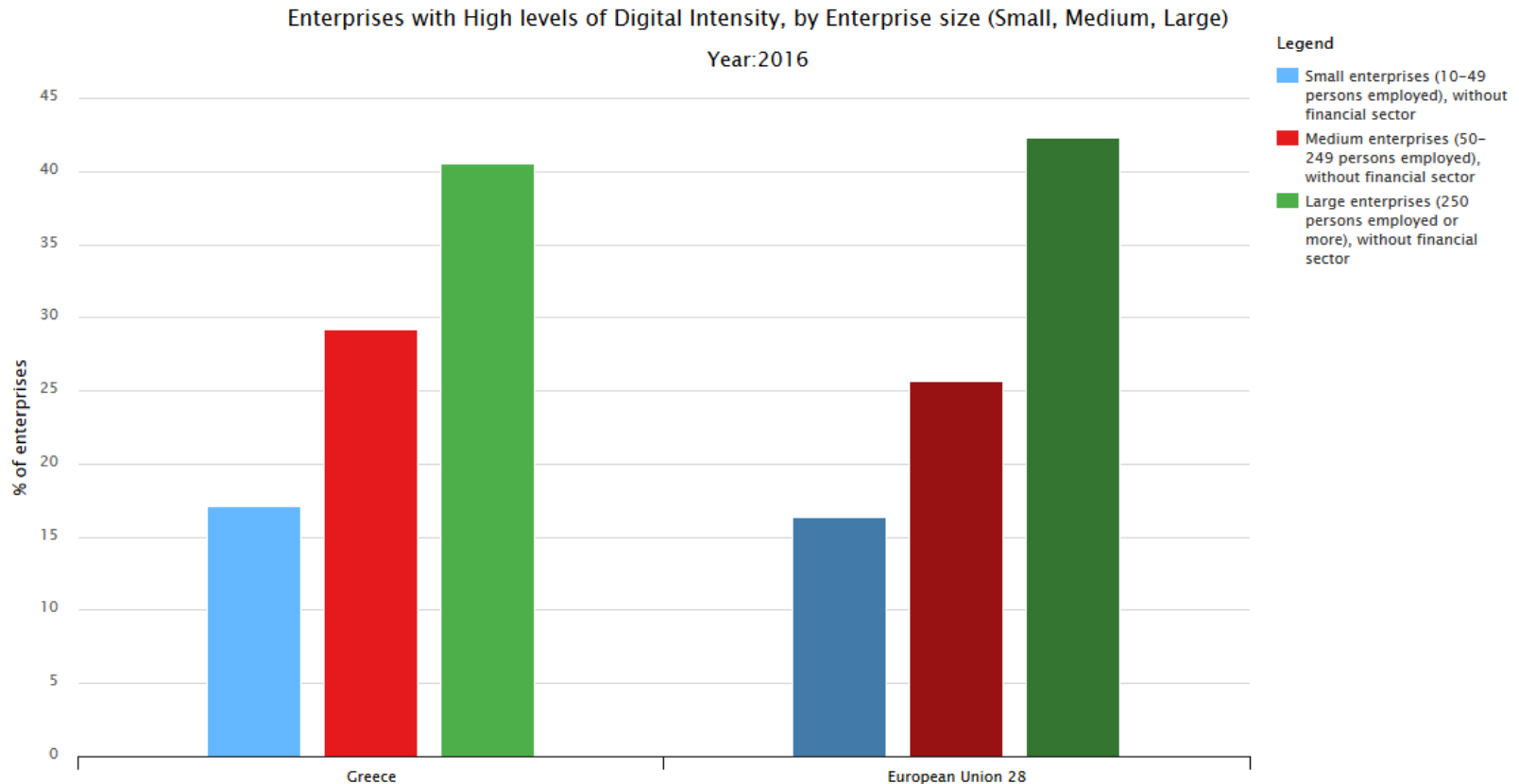
- Manufacture: food, beverages, tobacco, textile, leather, wood, paper; publishing and printing 10+
- Manufacture: coke, petroleum, chemical, plastics, other non-metallic mineral products 10+
- Manufacture: basic metals & fabricated metal products excluding machines & equipment 10+
- Manufacture: computers,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

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

- Publishing activities; films & television, sound & music publishing; broadcasting 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:\[%22EL%22\]}](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:[%22EL%22]})

Enterprises with high levels of digital intensity, by Enterprise size



[http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22business%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:\[%22EU28%22,%22EL%22\]}](http://digital-agenda-data.eu/charts/analyse-one-indicator-and-compare-breakdowns#chart={%22indicator-group%22:%22business%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,%22EL%22]})

Digital Innovation Hubs Catalogue

The Greece case

European
Commission



SMART SPECIALISATION PLATFORM



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

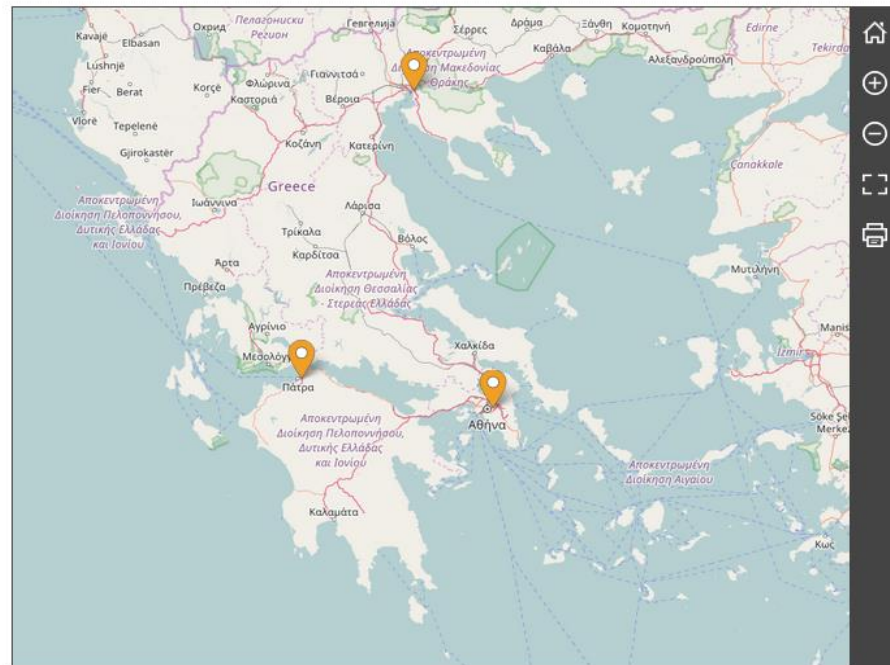
Home S3 Platform Sections Tools News Events Knowledge Repository

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
GREECE

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
- Education

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

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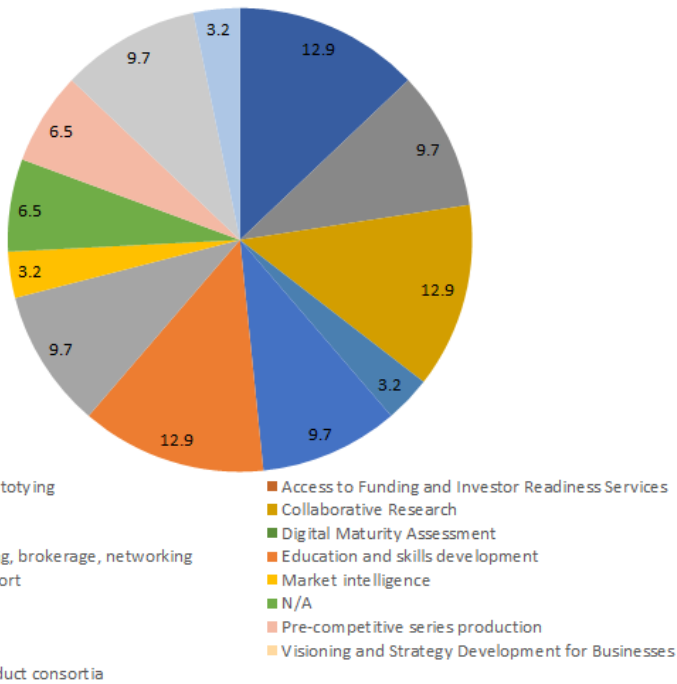
Export Hubs to csv

Hub Name	Location	Country	Contact	Phone	Email	Website
Central Macedonia Digital Innovation Hub on Agrofood	54123, Thessaloniki	Greece	Pantelis Angelidis	+302310379481	✉	🌐
Institute of Communication and Computer Systems of the National Technical University of Athens - Decision Support Systems Lab (ICCS-NTUA / DSS Lab)	Heroon Polytechniou 9, GR 15780, Athens	Greece	Prof. Dimitris Askounis	+30 210 772 3639	✉	🌐

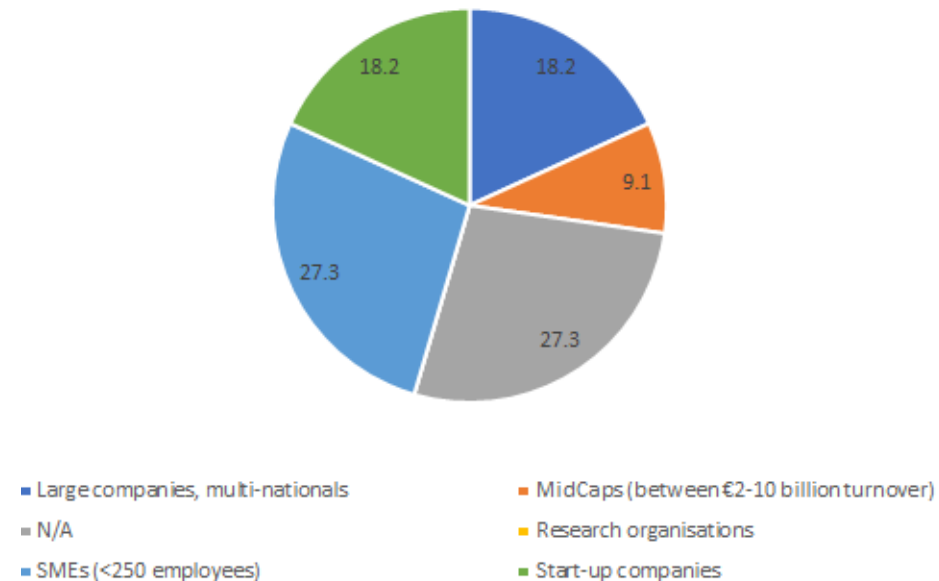
JRC-B3-DIH@ec.europa.eu

Services provided and types of customers supported by DIHs in Greece - 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 Greece 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-09-2015	HORSE	54	30/04/2020	EUROPEAN DYNAMICS ADVANCED SYSTEMS OF TELECOMMUNICATIONS INFORMATICS AND TELEMATICS SA	COORDINATOR	ED	PRIVATE	No
FoF-09-2015	HORSE	54	30/04/2020	HAROKOPIO UNIVERSITY	PARTICIPANT	HUA	PUBLIC	No
FOF-12-2017	AMable	48	31/08/2021	PANEPISTIMIO PATRON	PARTICIPANT	LMS	PUBLIC	Yes
FOF-12-2017	L4MS	42	31/03/2021	EUROPEAN DYNAMICS ADVANCED SYSTEMS OF TELECOMMUNICATIONS INFORMATICS AND TELEMATICS SA	PARTICIPANT	ED	PRIVATE	No



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

European
Commission

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	Participant Country
608849	EuRoC	48	01-Jan-2014	31-Dec-2017	48	LMS	PANEPISTIMIO PATRON	Participant	HES	EL
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	NTUA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	Participant	HES	EL
609029	FORTISSIMO	42	01-Jul-2013	31-Dec-2016	123	HUA	HAROKOPIO UNIVERSITY	Participant	HES	EL
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ATHENA RC	ATHENA RESEARCH AND INNOVATION CENTER IN INFORMATION COMMUNICATION & KNOWLEDGE TECHNOLOGIES	Participant	REC	EL
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	ESS	EUROPEAN SENSOR SYSTEMS SA	Participant	PRC	EL
609100	CloudFlow	46	01-Jul-2013	30-Apr-2017	47	HELIC	HELIC ELLINIKA OLOKLIROMENA KYKLOMATA A.E.	Participant	PRC	EL
609306	INTEFIX	36	01-Jul-2013	30-Jun-2016	33	PARAG	PARAGON ANONYMH ETAIREIA MELETON EREVNAS KAI EMPORIOU PROIGMENHS TEXNOLOGIAS	Participant	PRC	EL
609355	APPOLO	48	01-Sep-2013	31-Aug-2017	36	NNT	NIKOLAOS KECHAGIAS KAI SIA OE	Participant	PRC	EL

No clusters in Greece

European
Commission



EUROPEAN
CLUSTER COLLABORATION
PLATFORM
.eu

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

Greece

Region

All regions

Cluster Organisations

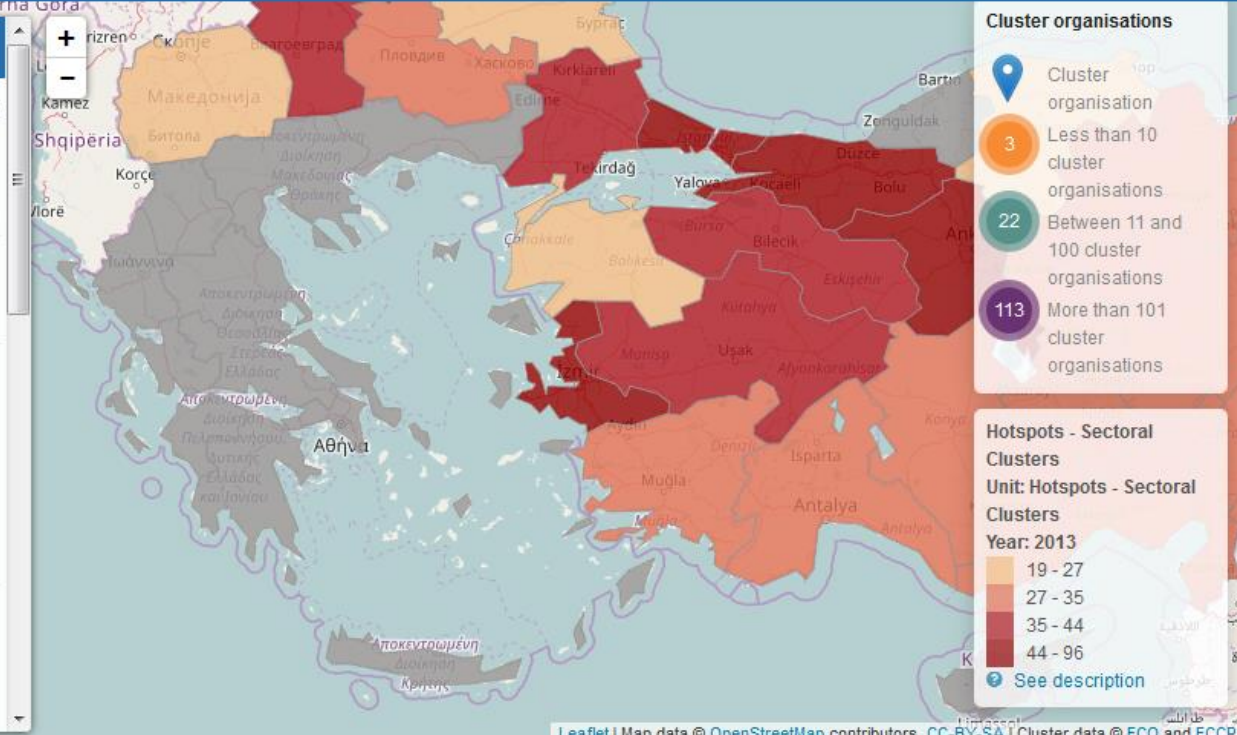
Sectoral Industries

All sectors

Emerging industries

All emerging industri

Technology fields



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

Please see [WG1 report](#)

The screenshot displays the 'GROWTH' website interface, specifically the 'SMEs' Access to Key Enabling Technologies' tool. The page is titled 'SMEs' Access to Key Enabling Technologies' and includes a navigation menu with options like 'Single Market and Standards', 'Industry', 'Entrepreneurship and SMEs', 'Access to finance for SMEs', and 'Sectors'. The 'Industry' tab is selected.

On the left, there is a 'KETs Tools' sidebar with options: 'KETs Observatory', 'KETs Technology Centres' (highlighted), 'KETs TCs Mapping', 'Contacts', 'Help', and 'Login'. Below this is an 'Industry - links' section with 'News', 'Events', 'Tools and Databases', 'Contracts and grants', 'Public consultations', and 'Publications'.

The main content area features a heading 'SMEs' Access to Key Enabling Technologies' and a sub-heading 'What is the objective of the map below?'. The text explains that the tool allows SMEs to find Technology Centres (KETs) to help innovate through Key Enabling Technologies. It notes that these centres are selected based on criteria demonstrating their capacity to collaborate with SMEs on close-to-market research and innovation (Technology Readiness Levels 3 to 8).

Below the text, there are 'Map' and 'List' buttons. A map of Europe is shown with a blue pin marking a location in Greece (Athens). To the right of the map is a 'Filters' sidebar with a 'Countries' section. The 'Greece' checkbox is checked, while others are unchecked. Below the countries list, there are sections for 'Technology Readiness Levels' and 'Market sectors'.

At the bottom of the page, there is a section titled 'What are KETs Technology Centres?' with the text: 'KETs Technology Centres help companies cross the 'Valley of Death', that is to say to'.

https://ec.europa.eu/growth/tools-databases/kets-tools/kets-tc/map?field_postal_address_country%5B0%5D=GR

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 Greece



European
Commission

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
646159	BASMATI	Bringing innovAtion by Scaling up nanoMATerials and Inks for printing	01/01/2015	31/12/2017	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	AUTH		
646307	PLATFORM	Open access pilot plants for sustainable industrial scale nanocomposites manufacturing based on buckypapers, doped veils and prepregs	01/02/2015	31/01/2018	ADAMANT AERODIASTIMIKES EFARMOGES ETAIREIA PERIORISMENIS EFTHYNIS	ADAMANT COMPOSITES E.P.E.	Aerospace, Defence industry, Automotive industry, Chemical Industry, Energy storage, Textile Industry, Power Generation Industry, Oil and Gas Industry , Security Industry, Construction Industry	Continuous CNT deposition on prepreg
646307	PLATFORM	Open access pilot plants for sustainable industrial scale nanocomposites manufacturing based on buckypapers, doped veils and prepregs	01/02/2015	31/01/2018	PANEPISTIMIO PATRON	PANEPISTIMIO PATRON UPAT		
685648	NanoHybrids	New generation of nanoporous organic and hybrid aerogels for industrial applications: from the lab to pilot scale production	01/11/2015	30/04/2019	ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	UoA		
685648	NanoHybrids	New generation of nanoporous organic and hybrid aerogels for industrial applications: from the lab to pilot scale production	01/11/2015	30/04/2019	PANEPISTIMIO PATRON	UPAT		
685872	MOZART	MesopOrous matrices for localizEd pH-triggered releAse of theRapeuTic ions and drugs	01/11/2015	31/10/2019	NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	NCSR		
686135	PROCETS	PROtective composite Coatings via Electrodeposition and Thermal Spraying	01/01/2016	30/06/2019	ARTIA NANO - ENGINEERING & CONSULTING IKE	ARTIA	Aerospace, automotive, paper mill industry, mining industry, chemical plants, pumps and valves, oil & gas, energy	Provide one pilot line consisting of a maximum 12 tanks (including cleaning and rinsing tanks) of 40lt each already modified for composite coatings plating, fully equipped for the application of pulse plating
686135	PROCETS	PROtective composite Coatings via Electrodeposition and Thermal Spraying	01/01/2016	30/06/2019	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	CERTH		

Planned investments, allocated resources, in Greece, 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: Greece

View a different country

Finances: Planned

Finances: Implemented

EU Payments

Achievements

Programmes

Greece, through 20 national programmes, benefits from ESIF funding of EUR 20.4 billion. This represents an average of 1865 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 Greece 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 Greece.

Total EU National

Country Budget for 2014-2020:

€24 965 362 441

FINANCES: PLANNED

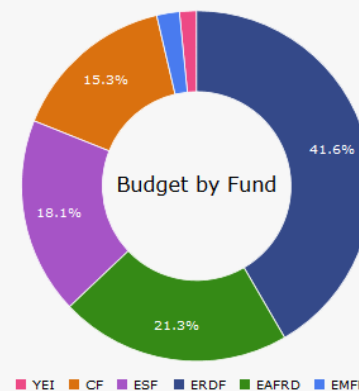
Total

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): Greece, EUR

Explore and Share this Data



Refresh Date: 21/8/2017