

Cohesion policy boosting regional industrial transition based on Smart Specialisation

Santiago Donat
G.2 Portugal and Spain
DG Regional and Urban Policy
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#CohesionPolicy
#EUinmyRegion



Context

- Challenges in a fast-moving environment of technological disruption, digitalisation, decarbonisation, circular economy, aging and brain drain have an impact on jobs, industrial sectors and business models.
- Many European regions are well positioned to take advantages of the opportunities offered by globalisation and technological change. However, competitiveness and innovation divide between EU regions is widening.
- Policy makers need to improve their understanding of these trends to harness potential opportunities and promote inclusive growth on the basis of smart specialisation strategies.

Main lessons from the design and implementation of S3 in 2014-2020

- Innovation diffusion is as much important as knowledge creation
- Regional/national institution or body responsible for smart specialisation strategy
- Monitoring and evaluation to be in place to measure performance
- Real functioning of entrepreneurial discovery process
- Inspiration for reforming regional or national research and innovation systems
- Industrial transition
- International cooperation

Policy framework for Policy Objective Smarter Europe (innovative and smart economic transformation)

Smart Specialisation Communication and SWD COM(2017)376 final and SWD(2017) 264 final

A renewed European Agenda for Research and Innovation COM(2018)306 final

The New Industrial Policy Strategy COM(2017) 479 final

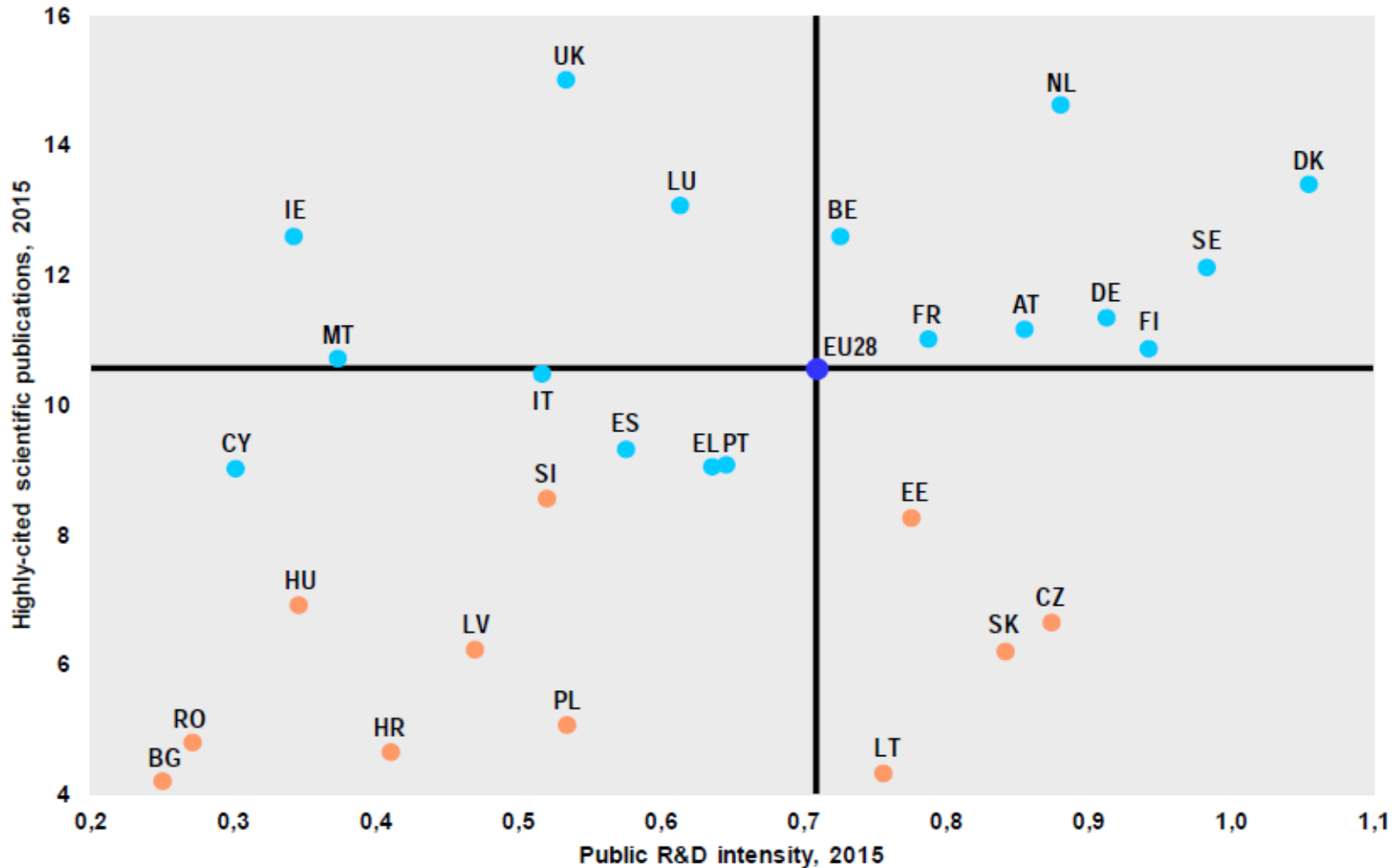
Start-up and scale-up initiative COM(2016) 733 final

The Renewed EU agenda for higher education COM(2017) 247 final

New Skills Agenda's:Blueprint for Sectoral Cooperation on Skills COM(2016) 381 final

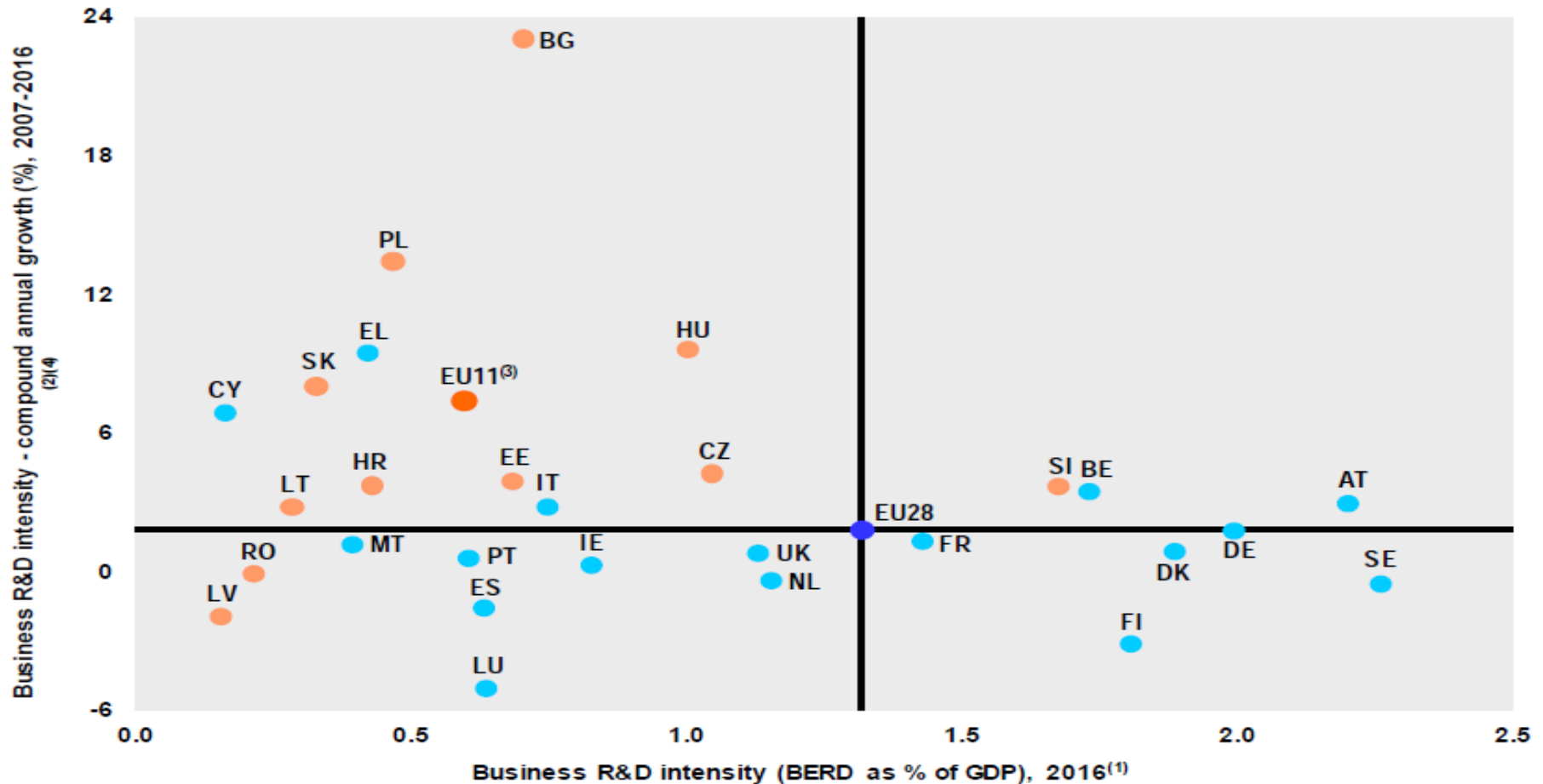
Public research excellence concentrated in a few countries

Public R&D intensity and highly-cited scientific publications⁽¹⁾, 2015



Business research is a weak point for less developed and slowed down in more developed

Business R&D intensity, 2016 and compound annual growth (%), 2007-2016

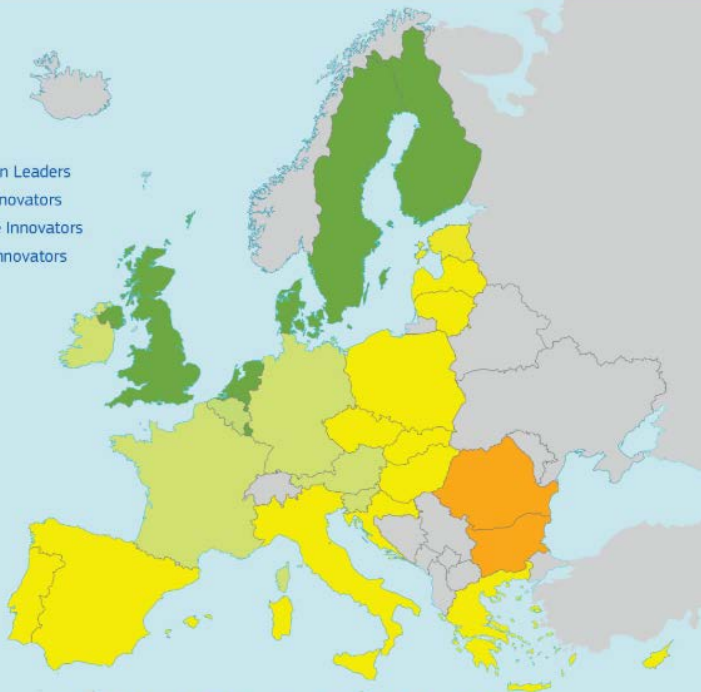


Global leader in research but low business research and pertinent innovation divide



2018 European Innovation Scoreboard

- Innovation Leaders
- Strong Innovators
- Moderate Innovators
- Modest Innovators

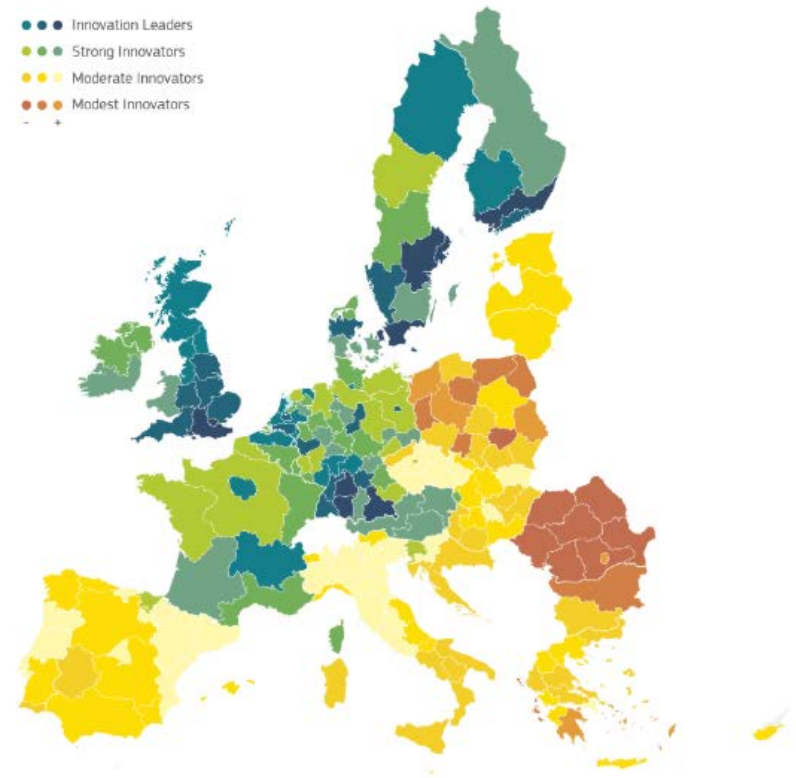


Since 2010, the innovation performance improved in 18 EU countries

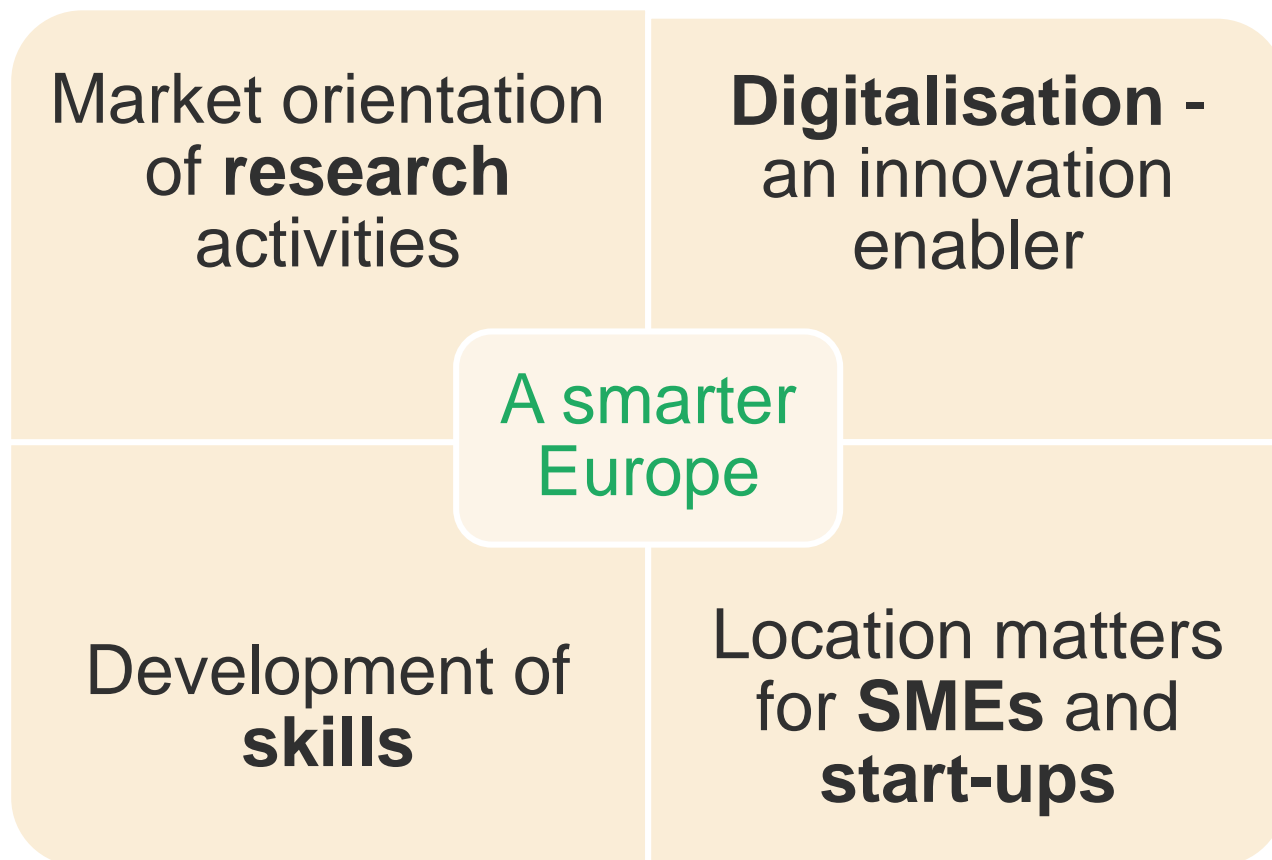


2017 REGIONAL INNOVATION SCOREBOARD

- Innovation Leaders
- Strong Innovators
- Moderate Innovators
- Modest Innovators



A smarter Europe by promoting innovative and smart economic transformation



Interregional cooperation in value chains

Testing new approaches I



Development of a comprehensive strategy for economic transformation

- Broad innovation and inclusive growth building on smart specialisation strategy
- Multi-sectoral focusing on jobs, industrial sectors, business models, economy and society as a whole
- Addressing globalisation, automation, decarbonisation, emerging and digital technologies, skills and investment



Testing new approaches II



Test new ways to:

- Commercialize and scale-up interregional innovation projects that can create or reshape European value chains
- Attract private investment for promising innovation projects
- Explore and strengthen synergies between different EU instruments (ESI funds, the Investment Plan, Horizon 2020, COSME)

THEMATIC AREA	COORDINATED BY	LEAD REGIONS	PARTICIPATING REGIONS
 3Dprinting	Thematic Smart Specialisation Platform for Industrial modernisation	Flanders (BE), Noord-Brabant (NL), Norte (PT)	Emilia-Romagna (IT), Wallonia (BE), Lombardy (IT), Aragon (ES), Saxony (DE)
 Bio-economy	Thematic Smart Specialisation Platform for Industrial modernisation	Flanders (BE)	Wallonia (BE), Lower-Austria (AT), North Rhine-Westphalia (DE), Emilia-Romagna (IT), Navarra (ES), Noord-Brabant (NL), Helsinki-Uusimaa (FI), Łódzkie (PL)
 Cybersecurity	New thematic area	Brittany (FR)	Estonia, North Rhine Westphalia (DE), Central Finland (FI), Castilla y Leon (ES)
 De- & re-manufacturing for circular economy	Thematic Smart Specialisation Platform for Industrial modernisation	Lombardy (IT)	Tampere (FI), Norte (PT), Scotland (UK), Saxony (DE), Basque Country (ES), Flanders (BE), Emilia Romagna (IT)
 High-tech farming	Thematic Smart Specialisation Platform for Agri-food	Tuscany (IT)	Estonia, Flanders (BE), Wiser-Ems (DE), Central Macedonia (EL), West Macedonia (EL), Galicia (ES), Extremadura (ES), South Ostrobothnia (FI), Pays De la Loire (FR), Marche (IT), Veneto (IT), Emilia-Romagna (IT), North East Romania (RO), East Central Sweden (SE), Northern Netherlands (NL), Gelderland (NL), Noord Holland (NL), Zuid Holland (NL), North-Brabant (NL), Limburg (BE), Northern Ireland (UK), Centro (PT)
 Marine renewable energy	Thematic Smart Specialisation Platform for Energy	Basque Country (ES) & Scotland (UK)	Asturias (ES), Andalucía (ES), Navarra (ES), Norte (PT), Flanders (BE), Emilia Romagna (IT), Lombardy (IT), South Denmark (DK), Skåne (SE), Dalarna (SE), Ostrobothnia (FI), Brittany (FR), Cornwall (UK), Sogn og Fjordane (NO)
 Sustainable buildings	Thematic Smart Specialisation Platform for Energy	Andalucía (ES)	Friuli Venezia Giulia Region (IT), Central Slovenia (SI), South Karelia (FI), Provence-Alpes-Côte-d'Azur (FR), Algarve (PT)
 Traceability and big data in agri-food	Thematic Smart Specialisation Platform for Agri-food	Andalucía (ES), Emilia-Romagna (IT)	Pays de la Loire (FR), Friuli Venezia Giulia (IT), Aragon (ES), Extremadura (ES), Pazardzhik (BG), South Ostrobothnia Region (FI), South Savo (FI)

Interregional innovation investments

WHAT

Interregional innovation investments through **the commercialisation and scaling up** of interregional innovation projects having the potential to encourage **the development of European value chains** ('component 5'). (ETC Art 3.5)

HOW MUCH

11.5 % of ETC Resources (i.e., **a total of EUR 970m**) for interregional innovation investments (component 5). (ETC Art. 9.2)

HOW

It shall be implemented under **direct or indirect management**. (ETC Art 16.1)

FOR WHOM

At the initiative of the Commission, the ERDF may support interregional innovation investments, as set out in point 5 of Article 3, **bringing together researchers, businesses, civil society and public administrations involved in smart specialisation strategies established at national or regional levels**. (ETC Art 61)

Thank you!

Programmes/Funds supporting innovation (1/2)

- **ERDF** focus on regional relevance, economic transformation, diffusion of existing knowledge & technology to places that need it, based on smart specialisation strategies; new interregional innovation investment support developing European value chains by helping partnerships cooperate in investments in shared S3 priority areas (€226.3bn with minimum thematic concentration of 35% to 60% on innovation, digitisation, SMEs)
- **Horizon Europe** focus on European research and innovation excellence, the generation and exploitation of new knowledge and disruptive, market-creating innovations (€100 bn)
- **InvestEU** focus on market-based instruments, for strategic investments (€38bn (incl. €23 for R&I and SMEs) mobilising €650bn (incl. €415 for R&I, digitisation and SMEs)
- **Digital Europe** focus on digital transformation via AI, cyber-security, high performance computing, advanced digital skills, interoperability, deployment of digital solutions in business and administrations, incl. networking of Digital Innovation Hubs (€9.2 bn)
- **Single Market Programme** focus on improving the functioning of the internal market, SMEs' access to markets, favourable business environment, competitiveness of sectors, the modernisation of industry and the promotion of entrepreneurship (€6 bn, of which €3bn for SMEs)

Programmes/Funds supporting innovation (2/2)

- **ESF+:** inclusion, education and skills (notably basic digital skills) to adapt to the current and future needs of the economy, health, labour mobility and social innovation (€100 bn)
- **EAFRD:** sharing of knowledge, uptake of innovation and digitalisation in agro-food sector (€78.8bn)
- **Erasmus+:** learning mobility of individuals and cooperation, for education and training, creativity and innovation at the level of organisations (€30bn)
- **Reform Support Programme:** institutional reform and efficient and service-oriented functioning of public administration and e-government (€25 bn)
- **Space Programme:** support to space sector, space infrastructures and services (Copernicus, Galileo, EGNOS) (€16 bn)
- **Defence Fund:** minimising fragmentation and boosting competitiveness and innovation of the EU defence industry (€13bn, incl. €4.1 from Horizon Europe)
- **LIFE programme:** support demonstrating techniques and best practice in Circular Economy, quality of life, climate mitigation and adaptation; and Clean Energy Transition that can be replicated and up-scaled in larger programmes (€5.4bn)
- **Creative Europe:** competitiveness and innovation capacity the creative and audiovisual industry, promote cultural diversity and heritage, support culture-based creativity in education and innovation (€1.8 bn)