

[illegible]

anne-marie.sassen@ec.europa.eu

What is this about?

Measures that enable all sectors to benefit from digital innovation

Foreseen Activities:

Mainstreaming digital innovations across all sectors

Strengthening leadership in digital technologies

Preparing people for the digital age

Regulatory framework

Coordination of various initiatives - MS, regional, EU

Pool resources, avoid fragmentation, support DSM

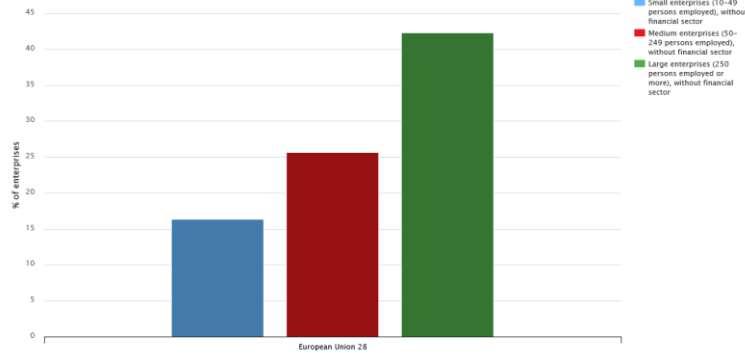


Level of digitisation differs according to size of company, sector and region

European

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

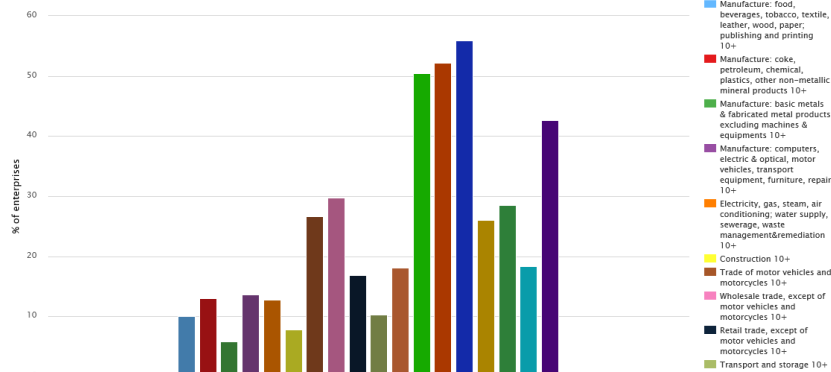
Year: 2016



42% of large companies is highly digitised in the EU vs 16% of SMEs

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

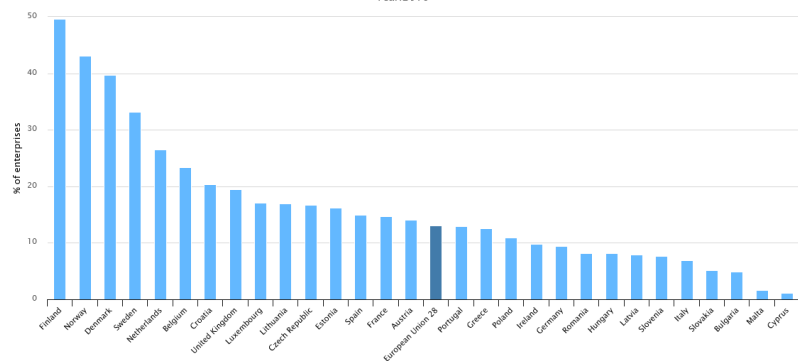
Year: 2016



>55% of companies in computer programming, consultancy and information services are highly digitised. Only around 13% of companies in coke, petroleum and chemical are highly digitised

Enterprises with High levels of Digital Intensity, Manufacture: coke, petroleum, chemical, plastics, other non-metallic mineral products 10+

Year: 2016



49% of Finnish companies in coke, petroleum and chemical are highly digitised vs 1% in Cyprus

Target: Access to digital technologies and expertise

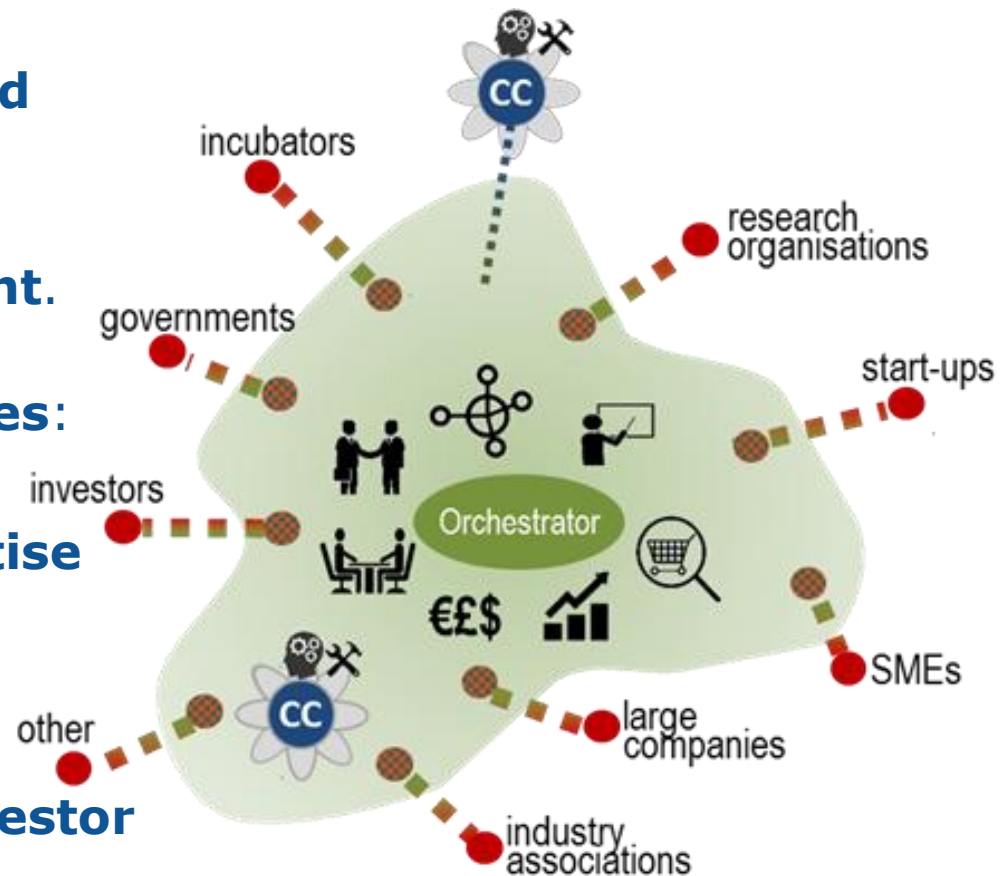
- ❑ within "working distance"
- ❑ for any industry in Europe
- ❑ with a focus on: SMEs, mid-caps, non-tech

How:

- ❑ "Digital Innovation Hubs" across Europe :
 - Provide industry with access to technology, expertise, testing,... based on world-class specialised competence centre
 - In line with smart specialisation strategy
- ❑ Thematic smart specialisation platform on industrial modernisation
 - ❑ Support new partnerships for interregional joint demonstration
- ❑ Public procurement of innovations

A one-stop-shop providing services to companies in the region through a multi-partner cooperation:

- Awareness Creation around Digital Technologies
- Innovation Scouting
- Digital Maturity Assessment.
- Visioning and Strategy Development for Businesses:
- Brokering/matchmaking
- Access to Specialist Expertise and Infrastructure
- Mentoring
- Training
- Access to Funding and Investor Readiness Services
- Collaborative Research



Regions/MSs

- ❑ Establish/**reinforce competence centres and DIHs**
 - Across Europe – specific support for regions without DIH
 - Implement relevant activities if needed (incentives, ...)
- ❑ **Collaborate with** digital innovation hubs of **other regions**
 - to fill gaps and facilitate specialisation and excellence

Commission

- ❑ Support pan-European networking of Digital Innovation Hubs
 - Share best practices, success stories, training
 - Develop catalogue of Hubs, competences, etc
- ❑ Smart specialisation platform for industrial modernisation will provide tailored support to develop joint investment projects.

Industry

- ❑ Engage with DIHs, help set priorities,..

Digital Innovation Hubs: Building on successful experiences, e.g.

Netherlands Field Labs



Mittelstand-
Digital

La
FRENCH TECH

.....

European Factories of the Future PPP

I4MS

ECHORD++



FIWARE
iHubs



VANGUARD
INITIATIVE

- As far as we know, no digital innovation hubs in the chemical industry. Something for chemical industry/SPIRE to consider?
- Working group on Digital Innovation Hubs
Draft report:
<https://ec.europa.eu/futurium/en/content/report-wg1-digital-innovation-hubs-mainstreaming-digital-innovation-across-all-sectors-0>
- Catalogue of Digital Innovation Hubs
- Workprogramme 2018 – 2020: DIHs in the focus area on digitisation