Europe's Digital Agenda

ESCWA-LAS Joint Workshop

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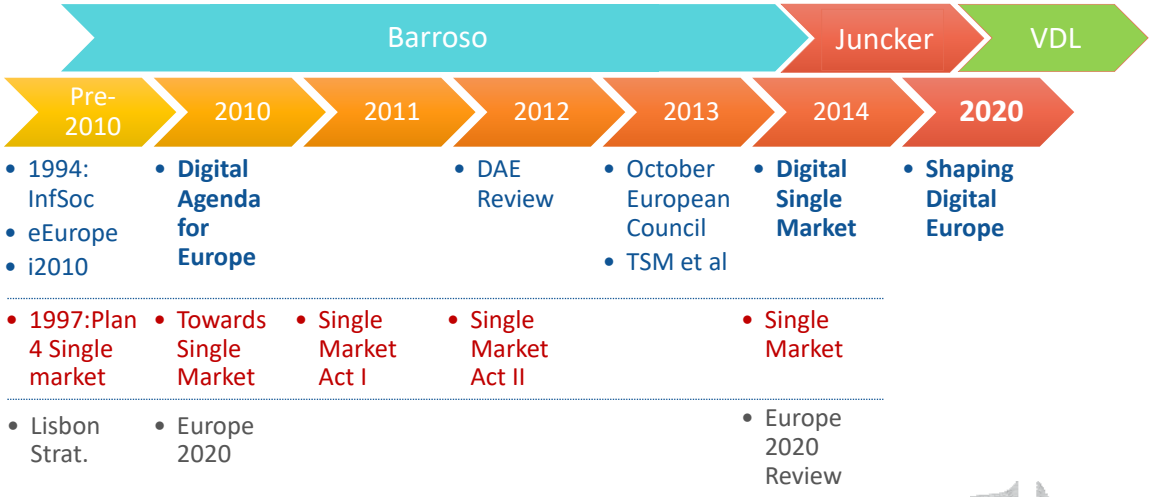
DG CNECT, European Commission

Some history



Digital Agenda for Europe

Digital Single Market

Research & Innovation

Interop. & standards

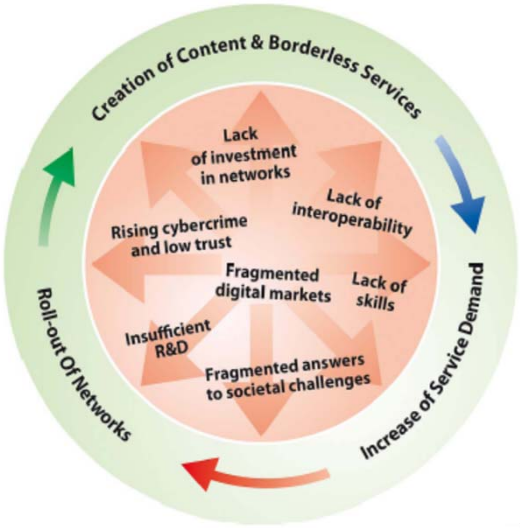
Enhancing e-skills

Trust & security

ICT for social challenges

Very fast Internet

DAE Pillars



DAE engagement

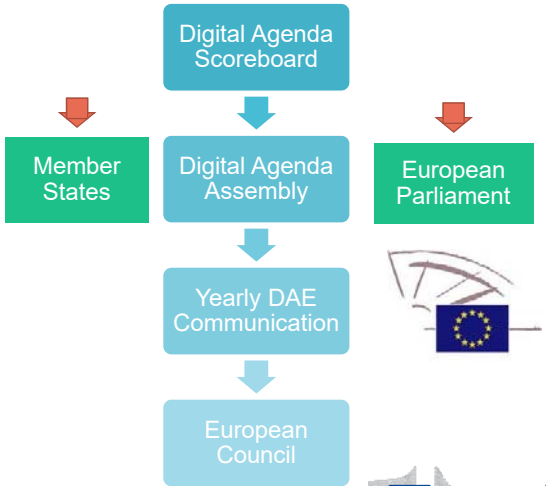
Digital Champions & Young Advisors

Going Local

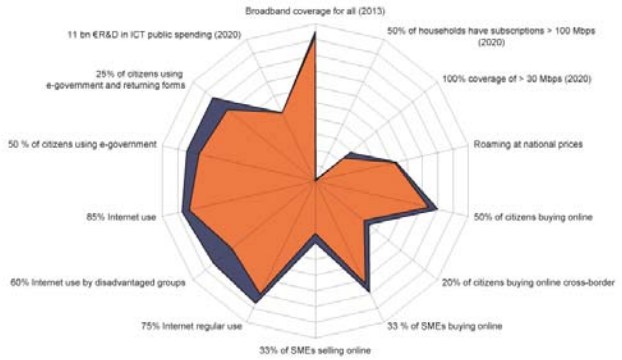
Digital Agenda Assembly

DAE Member State implementation survey

DAE governance



Digital Agenda Scoreboard



Orange = 2010, dark blue = 2011. Labels refer to targets; outerline is 100% achievement; targets refer to 2015 unless otherwise stated. 20% reduction in energy use not included.

Influence

- Many MS and regions adopted similar initiatives. All adopted broadband plans.
- Replicated in third countries (e.g. neighbourhood Policy)
- 000s of entrepreneurs signed Start Up Europe Manifesto

Digital Single market main legislative initiatives

Connectivity: Meeting Europe's growing connectivity needs, including in rural and remote areas and boosting competitiveness by 2020
700 MHz
Wholesale roaming
Wifi4EU
Telecoms Code (incl. spectrum)
BEREC

e-Commerce: Making it easier to buy and sell online across borders.
Consumer protection cooperation
Geoblocking
VAT e-commerce (2 proposals)
Cross-border parcel delivery
VAT e-books
Contract rules for digital content and goods (2 proposals)
Platform-to-business

e-Gov: Making it easier for citizens to deal with public administrations online
Single Digital Gateway

Data: Creating a competitive data economy withing the Digital Single Market
Free flow of non-personal data
High-performance computing
Public sector information

Media/copyright: Promoting European content and providing citizens with more choice and Access
Portability of online content
Marrakesh Treaty (2 proposals)
Audiovisual media services directive
Broadcasting (SatCab)
Copyright

Trust: Strengthening trust and EU's capacity to respond to cyberattacks
Data protection rules for EU institutions
.eu
Cybersecurity Act
Non-cash payments

Current digital policy

VdL Commission Priorities & Digital Aspects

*'..a once-in-a-generation opportunity to ensure Europe leads the way on the **twin ecological and digital transitions**'.*

State of the European Union 2020

*We saw **years' worth of digital innovation and transformation in the space of a few weeks**.*

We are reaching the limits of the things we can do in an analogue way.

And this great acceleration is just beginning.

We must make this Europe's Digital Decade

European Council Conclusions – 1 & 2 Oct 2020

"The two mutually reinforcing pillars of [the Recovery Package]*, the **green transition** and the **digital transformation**, together with a strong and deep Single Market, will foster new forms of growth, promote cohesion and convergence, and strengthen the EU's resilience. Achieving strategic autonomy while preserving an open economy is a key objective of the Union."*

Main digital actions in the key strategies

ICT for green

*measures for technologies like **AI, 5G, cloud and edge computing and IoT** to maximise the impact of policies on climate change and environmental protection*
(e.g. to optimise use of energy and natural resources)

European Green Deal

Green ICT

*measures to improve the **energy efficiency and circular economy performance of the ICT sector**, from broadband networks to data centres and ICT devices*

A New Industrial Strategy for Europe

- **Certainty for industry (a deeper and more digital single market)** *incl. Digital Services Act*
- **Embedding a spirit of industrial innovation** *incl. Public Private Partnerships and use of Digital Innovation Hubs*
- **Skilling and reskilling** *incl Digital Education Action Plan*
- **Reinforcing Europe's industrial and strategic autonomy**

Shaping Europe's Digital Future

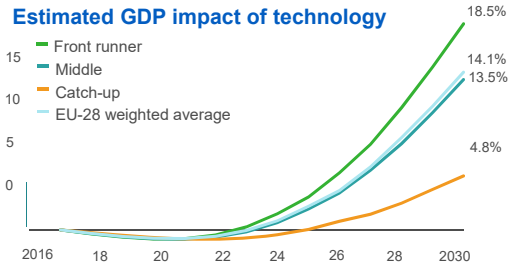
- **Overarching digital strategy:** *covers everything from cybersecurity to critical infrastructures, digital education to skills, democracy to media*
- **Data Strategy**
- **White Paper on AI**

Stepping up digital investments: clear benefits

1.1% **additional annual growth** *(14.1% growth compared to 2017)*

€2.2 Trillion **additional cumulative GDP** *(equivalent to 2019 GDP of ES + NL)*

€117 Billion **of needed yearly investments** *(€75 Bn for ICT and €42 Bn for education, up- and re-skilling)*



Raising the investment level in digital is essential, and will not and cannot be covered by the private sector alone. Public funding is needed to mobilise the capital (including private) required for the digital transformation.

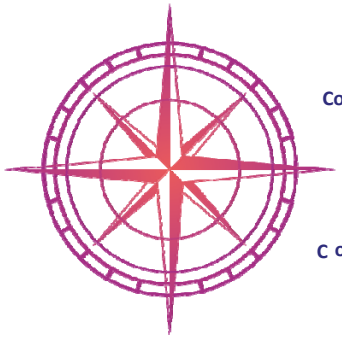
Source: *Shaping The Digital Transformation in Europe*, McKinsey & Co, 2020

Skills

ICT Specialists: 20 million + Gender convergence
Basic Digital Skills: min 80% of population

Government

Key Public Services: 100% online
e-Health: 100% availability medical records
Digital Identity: 80% citizens using digital ID



Infrastructures

Connectivity: Gigabit for everyone, 5G in all populated areas
Cutting edge Semiconductors: double EU share in global production
Data – Edge & Cloud: 10,000 climate neutral highly secure edge nodes
C omputing: first computer with quantum acceleration

Business

Tech up-take: 75% of EU companies using Cloud/AI/Big Data
Innovators: grow scale ups & finance to double EU Unicorns
Late adopters: more than 90% of European SMEs reach at least a basic level of digital intensity

International partnerships for the digital decade

- Reflecting our values and promoting our interests, including a commitment to multilateralism
- Open, rules based trade on a level playing field
- A toolbox supporting our four cardinal points to build strong international partnerships
  - regulatory cooperation
  - research & innovation
  - investments in connectivity, etc., including via the Team Europe approach
- The EU-time zones with Africa and the Neighbourhood and key global partners
- Building on our renewed transatlantic relationship towards coalition with like-minded partners