



S3 PLATFORM

Peer Review Workshop

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DIGITAL AGENDA TOOLBOX

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ICT as a Technology and as an enabler

- ICT a sector in itself – network infrastructures are preconditions to ICT development;
- ICT as a horizontal enabler for development and growth for other sectors, cross-cutting nature.

Important to raise awareness in MS/regions about the dual nature of ICT

ICT: a must for competitiveness and innovation

- 5 % of GDP but driving 20% of overall productivity growth (3.2 trillion by 2016 in G20 economies)
- Cos adopting BB based processes improve labour productivity by 5% in manufacturing and 10% in services
- SMEs grow 2 to 3 times faster
- For every job lost 2.6 new ones created

BUT

ICT full potential not yet fully exploited!

To support regional and national authorities (DAE):

- Highlights ICT Opportunities for RIS3;
- Guidance for ex-ante conditionalities (complements RIS3 guide);
- Hands on assistance for developing a strategic policy framework for digital growth:
 - **Dos and Don'ts of processes;**
 - **Good Practices.**

- General Policy context of Digital Growth and ESIF 2013-2020;
- Commonalities in developing a policy framework;
- Specificities and guidance for smart ESIF investments in ICT.

Same as RIS3 – 6 step process

1. Analysing the innovation potential in ICT
2. Governance and Stakeholder involvement
3. Developing a shared vision of Digital Growth
4. Identifying the priorities
5. Defining an action/plan roadmap with a coherent policy mix
6. Monitoring and evaluation

Analysing ICT's innovation potential

- ***Demand Issues***

Accessibility and skills in households, business, public administrations → demanding better services and products
i.e. identify needs of private and public users

- ***Supply Issues***

ICT capabilities of local firms, infrastructures, skills, available services.

Governance and Stakeholder Involvement

- ***Wide consultation of stakeholders***
 - Private and public domains (academia, relevant citizens, business associations, the telecom industry, etc.)
 - Coordination among different ministries and different level of government (both regional and national)



Developing a shared vision of Digital Growth

- What the region wants to achieve
- What are the main goals
- Why these goals matter

The vision keeps the stakeholders motivated as well as engaging them in the process

Identifying the priorities

Priorities are a combination of different elements.

- ICT can enable many sectors: capacity building + skills development, ICT-enabled public + private services, cross-border initiatives (standards, interoperability)
- ICT specialisation: products and services – based on regional capabilities, critical mass – part of the discovery process

**LOOK FOR SYNERGIES WITH OTHER PROGRAMMES
H2020, CEF, etc.**

Defining an action plan - roadmap

- Objectives, action lines and policy mixes;
- Division of responsibilities (private, public, academia NGOs) for implementation;
- Legal issues (state aid, competition, regulations)
- Time and budget allocation and management
- Cooperation with existing networks to enhance knowledge and dissemination and sharing of good practices

Monitoring and evaluation

DO NOT SPEND MONEY FOR THE SAKE OF SPENDING

- Results oriented funding (2013-2020) period
- i.e. specific objectives, valid indicators, identification of base line, impact
- Monitoring and evaluation mechanisms (auditing, peer reviews, mutual learning)
- Governance mechanisms (independent managing body)

Fiche Structure

1. Why invest in SPECIFIC ICT AREA e.g. Next Generation Networks?
2. Barriers and Challenges
3. How to act?
 - **Analysis, Governance/Stakeholder involvement, Priority Setting, Evaluation and monitoring**
4. Evaluation and Monitoring
5. Further Reading and Forthcoming events



Areas covered

- **ICT Infrastructure:** Next Generation Networks, H2020 R&D/e-Infrastructure for R%D, Cloud Computing, Key Enabling Technologies (KETs) for Europe, Investing in Network and Information Security;
- **ICT Take-up:** Web entrepreneurship to boost start-ups, Open data portals, living labs, digital skills, ICT innovation vouchers
- **Services and Applications:** Digitalisation of cultural heritage, language resources, eHealth, Active and Healthy Ageing, eGovernment, intelligent transport cities, smart cities, smart grids



Thank you!



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<http://s3platform.jrc.ec.europa.eu/digital-agenda>

<http://ec.europa.eu/dgs/connect/en/content/broadband-ict-structural-funds>