European Innovation Policies for the Digital Shift

Workshop on Digital Innovation: Models of ICT innovation, ICT innovation drivers and barriers, and policy lessons

JRC-IPTS, Seville – June 22-23, 2015

Welcome & Objectives of the Workshop

Paul Desruelle – JRC-IPTS
Two clusters

Digital Economy

- DSM: support to on-going and future challenges
- ICT R&D and Innovation

DG CNECT

Digital Society

- Innovation in Education, Social investment policy, Skills and Employment

DG EAC, EMPL
EURIPIDIS

- Policy relevance and context
  - Innovation and ICT are solutions to low growth in Europe
  - *Digital Agenda for Europe, European Digital Single Market*, ICT RD&I in *Horizon 2020*

- Customer
  - DG CONNECT

- Purpose
  - Provide evidence-based support to the *policies, instruments* and *measurement* needs of DG CONNECT
  - for *enhancing ICT Innovation in Europe*

- Timetable
  - Started Aug. 2013, 3 years


EURIPIDIS

*By ICT Innovation we mean*
- transfer of "best research ideas" to markets
- within the ICT sector and outside (ICT-enabled)

**Four main questions addressed by EURIPIDIS:**

**How does ICT innovation work?**
Models of Innovation

*...or does not work... well enough?*
Barriers & Drivers

**What is the current ICT innovation performance in the EU?**
Measuring ICT Innovation

**What should policy makers do to make ICT innovation in the EU work better?**
Policy lessons
Objectives of the workshop

- Present main results of the EURIPIDIS project on
  - Models of ICT innovation
  - ICT innovation barriers and drivers

- Draw the main research findings leading to policy lessons
  - to be addressed by EU and national policy makers

  - For example, what policies could improve framework conditions for digital start-ups and for growth of innovative digital companies?
Models of ICT innovation

- How do ICT firms, and firms that provide ICT-enabled products & services, mobilise their internal and external resources in order to innovate?

- How do ICT firms connect to and use or acquire the resources available in their ecosystems?

- In this context, what policy actions are needed?
Drivers and barriers

- What are the main ICT innovation drivers?

- What are the main barriers to innovation that firms are facing?

  For example, what is the role of public procurement, IPRs, technology transfer, innovation financing, regulations, availability of human and physical capital, etc.?

- Which of those barriers and drivers are (more) specific to ICT innovation?

  ➢ In this context, what policy actions are needed?
Workshop agenda

Monday

• Opening Session - ICT innovation policies
• Session 1 – Models of ICT innovation: Setting the scene
• Sessions 2 & 3 – Models of ICT innovation: Case studies
• Session 4 – Models of ICT innovation: Debating lessons and implications

Tuesday

• Sessions 5 & 6 - ICT innovation drivers and barriers
• Session 7 – Policy lessons and next steps
Thank you for being here!