



# **Open Education 2030: Exploiting the potential of OER for Higher Education A foresight Workshop**

## ***Welcome & Introduction***

**I. Maghiros & Y. Punie**

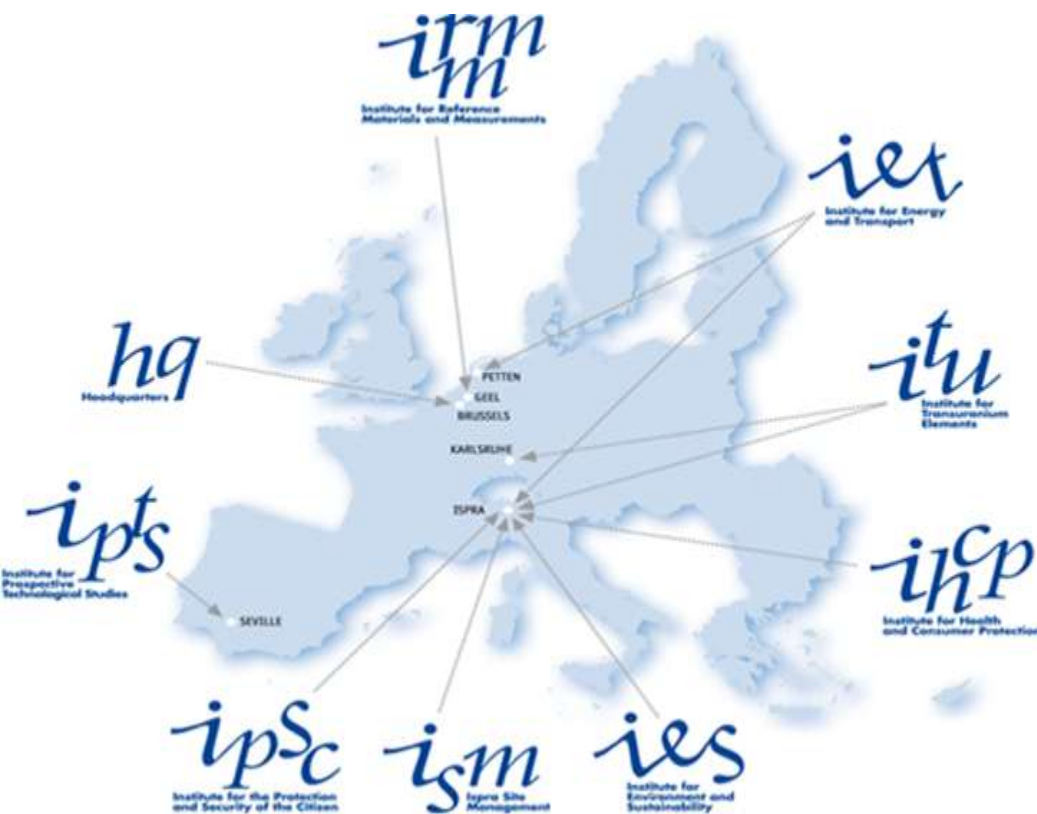
***JRC IPTS  
Seville, 6-7 June 2013***

# Joint Research Centre

The European Commission's in-house science service

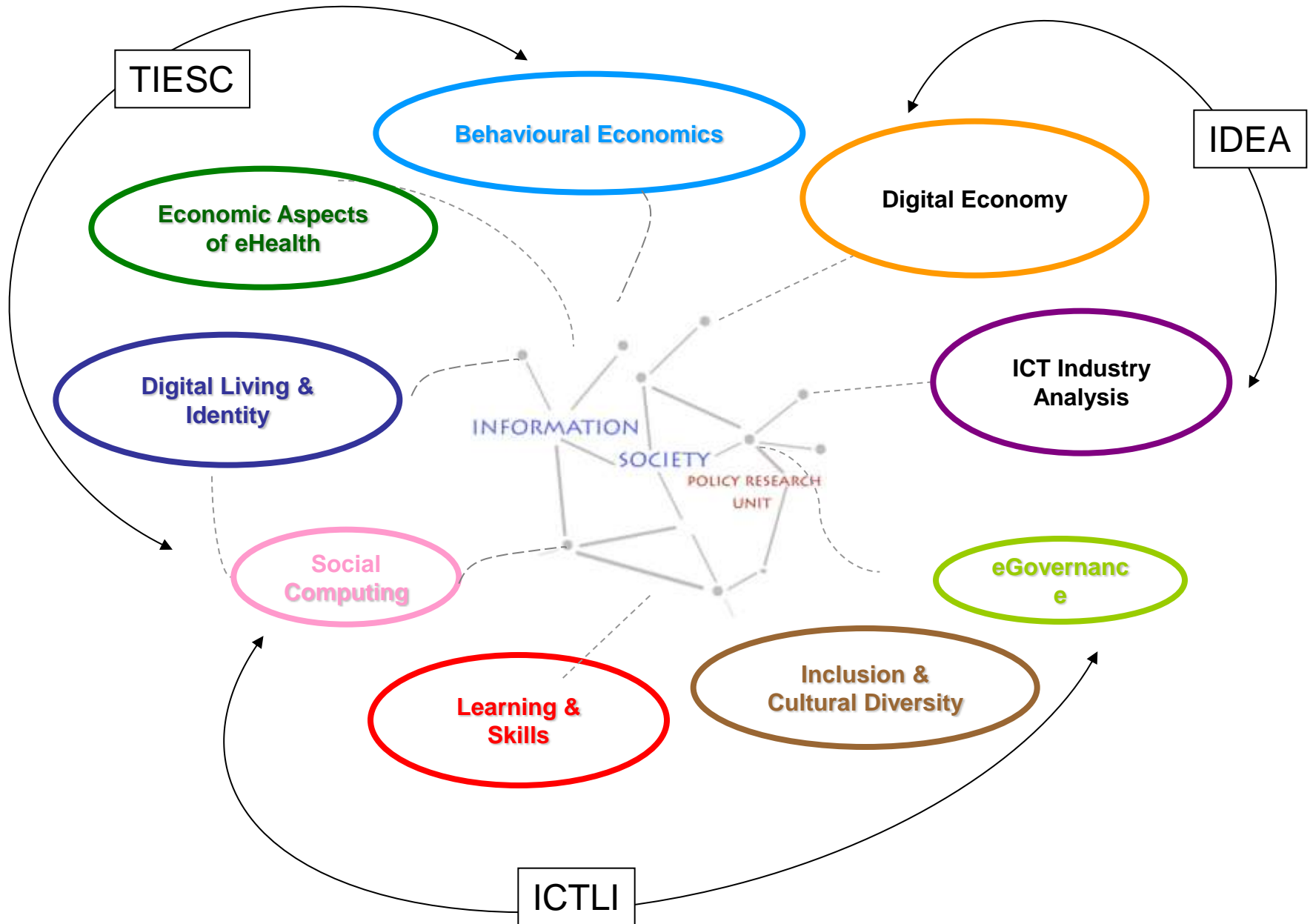
**Our Mission...** is to provide customer-driven scientific and technical support for the conception, development, implementation and monitoring of EU policies.

[www.jrc.ec.europa.eu](http://www.jrc.ec.europa.eu)



*Serving society  
Stimulating innovation  
Supporting legislation*

# IS Unit topics



## Since 2005, evidence-based policy research on **ICT for Learning and Skills**

### *PAST projects:*

- Learning 2.0
- Innovation & Creativity in E&T
- Future of Learning & Skilling
- ICT for Assessment of Key Competences

### **CURRENT projects:**

- Mapping Technologies for Learning (2012-2013)
- Digital Competence Framework (2010-2012)
- Teacher Networking (eTwinning – TELLNET)
- Mainstreaming “Creative Classrooms” (2011-2013)
- **Open Educational Resources (2012-2014)**

In collaboration with DG EAC, linked to other EC policies (*CONNECT, ENTR, EMPL*)



JRC Scientific and Technical Reports

**Creative Learning and Innovative Teaching**  
Final Report on the Study  
in Educat

JRC Scientific and Technical Reports

**The Future of Learning:  
Preparing for Change**

Authors: Christine Redwood, Mikiel Loh, Mirtzila Loukretiou,  
Karelina, Hani Shoykhet  
and Ralf Hanspeld

TECHNICAL REPORT SERIES

**The Future of ICT and  
Learning in the  
Knowledge Society**  
Report on a Joint DG JRC-DG LAC  
Workshop held in Seville,  
20-21 October 2005

EX-2006-20



06/2006-EN



JRC SCIENTIFIC AND POLICY REPORTS

**Innovating Learning:  
Key Elements for Developing Creative  
Classrooms in Europe**

Authors: Delia Boroni, Pasquale G. Saggio and Ties Pease

2012



JRC SCIENTIFIC AND POLICY REPORTS

**Towards a Mapping Framework  
of ICT-enabled Innovation for Learning**

Authors: Pasquale G. Saggio, Delia Boroni and Ties Pease



JRC TECHNICAL REPORTS

**Digital Competence in Practice:  
An Analysis of Frameworks**

JRC Technical Notes



**Mapping Digital Competence:  
Towards a Conceptual Understanding**

Author: Hani Al-Murik



JRC TECHNICAL

**Online Consultation on Experts' Views on  
Digital Competence**

<http://is.jrc.ec.europa.eu/pages/EAP/eLearning.html>



- Educational transformation in a changing world
- Affecting the whole E&T systems:
  - ✓ what we learn,
  - ✓ how we learn,
  - ✓ where we learn and
  - ✓ when we learn
- New Skills and Competences (21st century skills)
- Mainstreaming and up-scaling ICT innovation in E&T
- « **A tsunami of open educational resources** »



# IPTS – DG EAC study on Open Educational Resources in Europe (OEREU)

Christine Redecker

Jonatan Castaño

Yves Punie

In collaboration with other providers and experts  
(E.g Caledonian University, EFQUEL, A. Haché, Fred Mulder)



## Objectives OEREU project

To provide policymakers and stakeholders with evidence and guidance on how to further support and promote the use of OER

Supporting EC (EAC) on new initiative on “Opening-up Education” by:

- Critical assessment of OER initiatives and practices in Europe, including an exploration of business and sustainability models (2012-2013)
- Evidence-gathering for socio-economic impact assessment (2012)
- **Foresight scenarios seizing the benefits of Using OER in Europe (2013)**
- Stakeholder - expert consultations on policy recommendations (2014)



## "Imagining Open Education 2030 and the potential of OER"

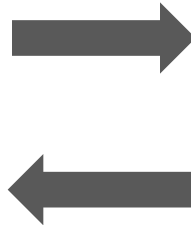
- A series of 3 sector workshops: Lifelong Learning (29-30/04), School Education (28-29/05) and **Higher Education (6-7/06)**
- Call for vision papers: 49 (HE), 31 (SE) & 17 (LLL)
- Aim is NOT to predict but to **develop shared visions** and **imagine different possible futures** as a tool for strategic decision making, based on identifying, understanding and awareness raising around on key challenges, opportunities and possible threats.
- **2030** is set to force us to think out of the box and go beyond 2020...

# Scope



Open Educational Resources (OER) are teaching, learning or research materials that are in the **public** domain or released with an intellectual property **license** that allows for **free use, adaptation, and distribution**

(UNESCO, 2002)



## OPENING UP EDUCATION

The Collective Advancement  
of Education through Open Technology,  
Open Content, and Open Knowledge



edited by  
Toru Iiyoshi and M. S. Vijay Kumar  
foreword by John Seely Brown



# Agenda

- **Session 1:**
  - **European Policy context**
    - **Opening-up Education (Ana-Carla Pereira, DG EAC)**
    - **Innovation and Higher Education (Georgi Dimitrov, DG EAC)**
    - **Science 2.0 (JC Burgelman, DG RTD)**
  - **Tour de Table**
    - **Setting the scene (J. Castaño & C. Redecker, IPTS)**
- **Session 2: Group work on trends, drivers and uncertainties (6/06 am)**
- **Session 3: Group work for the development of scenario's (6/07 pm)**
- **Session 4: Roadmapping and policy options (29/05 am)**



**Thank you for your collaboration!!!!**

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