



Open Education 2030: Exploiting the potential of OER for Lifelong Learning A foresight Workshop

***Welcome
Introduction
Objectives***

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**JRC IPTS
Seville, 29-30 April 2013**

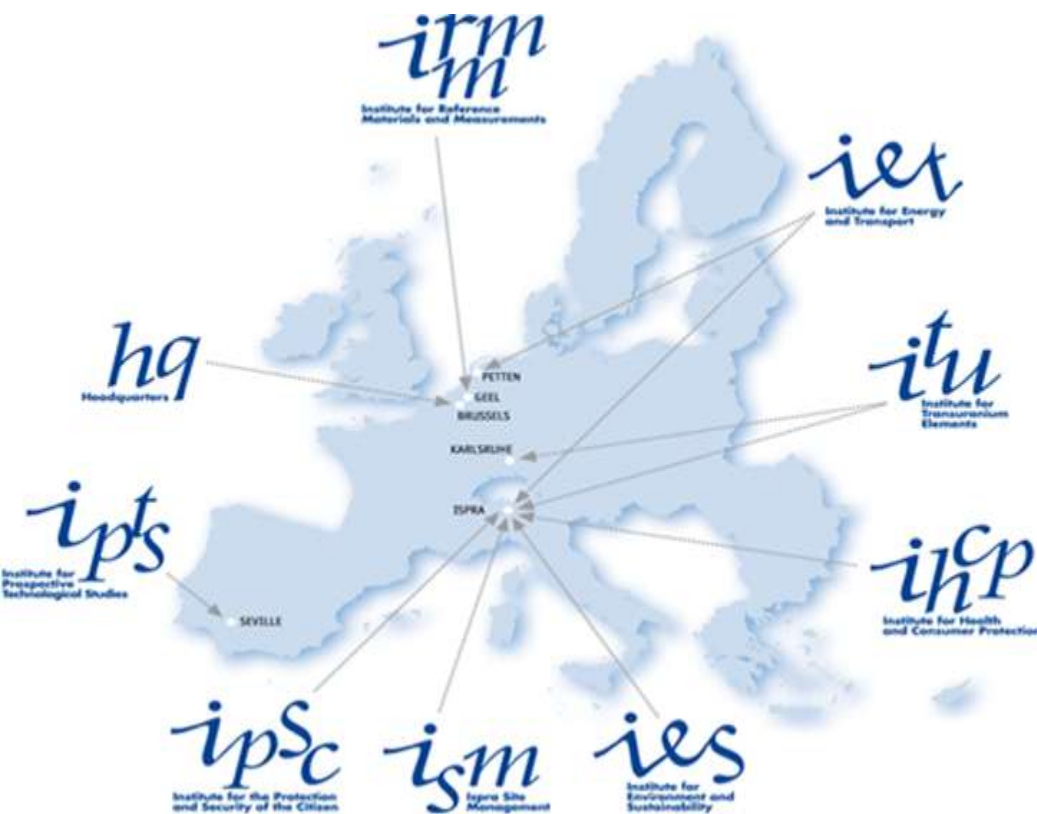


Joint Research Centre

The European Commission's in-house science service

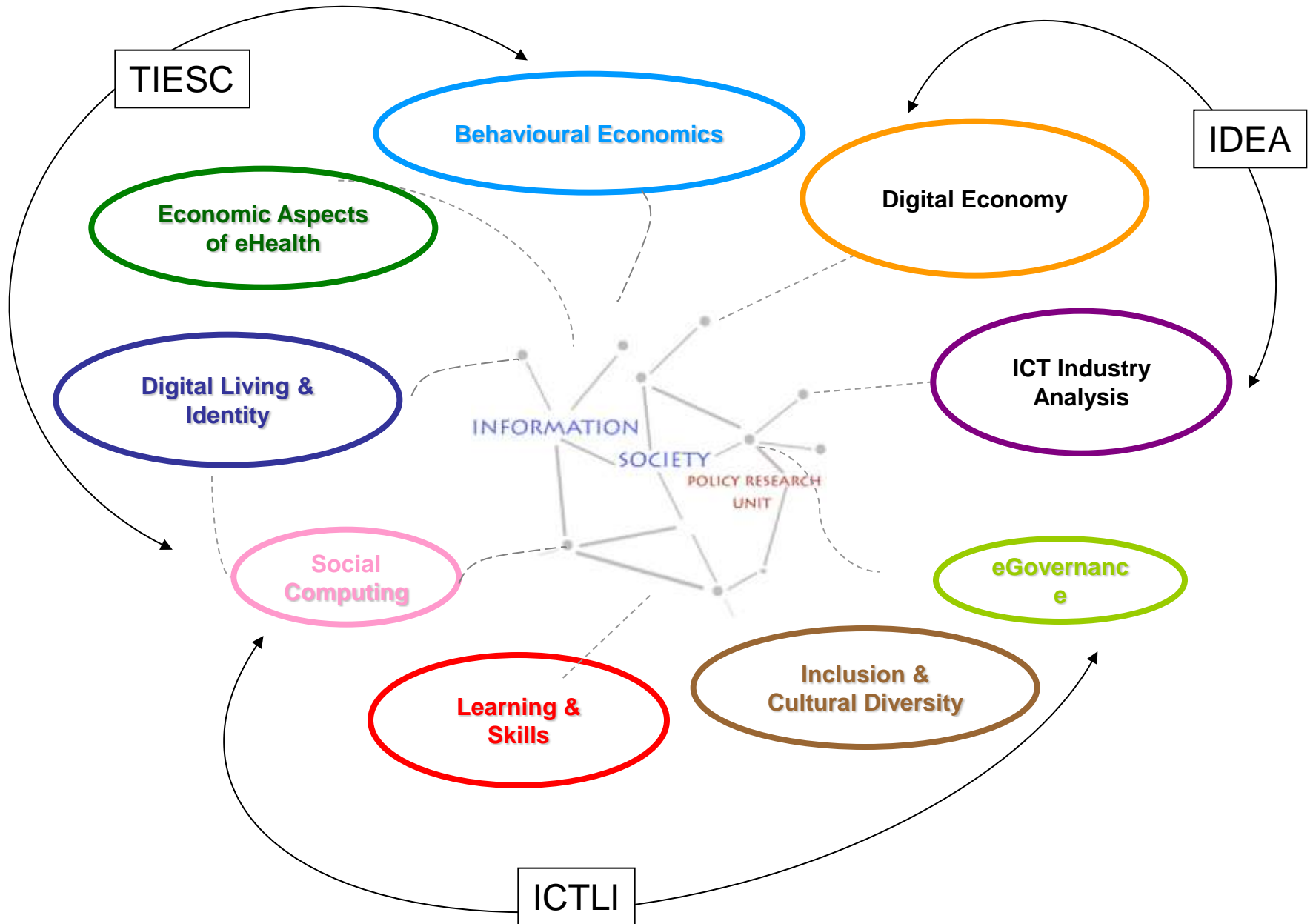
Our Mission... is to provide customer-driven scientific and technical support for the conception, development, implementation and monitoring of EU policies.

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*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*)

European Policy Context



Educational targets

- * Reducing Early School leaving
- * Increasing Higher Education Attainment

Additional Aims

- * Making LLL and mobility a reality
- * E&T quality and efficiency
- * Equity, social cohesion, active citizenship
- * Creativity and innovation

« A tsunami of open educational resources » (EAC)

- MIT Open Courseware
 - 133 million total visits by 95 million visitors from all over the world
 - Average of 1 million visits per month
 - 42% are students, 43% self-learners, 9% educators, 6% other
- Stanfords' MOOC on Artificial Intelligence: 160.000 registrations (10% finishes)
- Share My Lesson: 254.000 Learning Resources (“by teacher, for teachers”)
- Wikiwijs (NL): €8 million gov. funding 2011-2013; 65.000 lessons/courses and 800.000 objects (June 2012); 350.000 visits (year 2011)
- Poland “Digital School” programme (€13 million for creation of free, open Textbooks)



Current EC policy response: New initiative on “Opening up Education”

Timing:

- Announced in Rethinking Skills COM (November 2012)
- Planned for Summer-Autumn 2013

Draft focus areas:

1. Improve digital infrastructures and connectivity for E&T
2. Up-scale creation, use, re-use and sharing of quality digital education content including OER
3. Modernise learning, teaching and assessment practices



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): 3 sector workshops: Lifelong Learning (29-30/04), School Education (29-29/05) and Higher Education (6-7/06)
- Stakeholder - expert consultations on policy recommendations (2014)

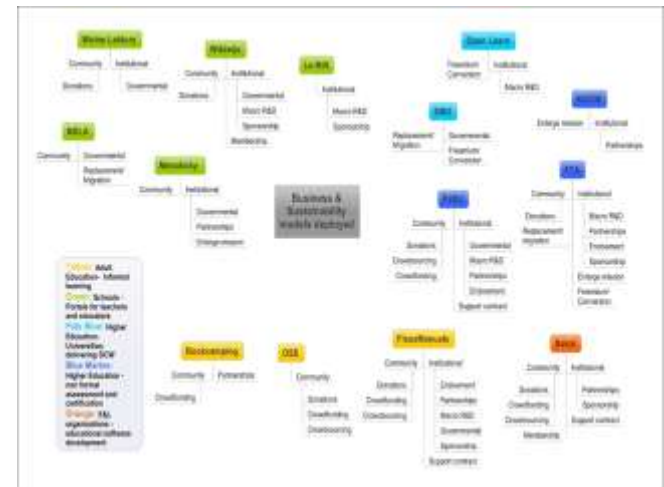
1. Literature review and case studies on OER initiatives

Slovenia (3), Greece (Digital School Initiative), NL (Wikiwijs);
Spain (Andalucia) **Dec 2012**

2. Exploratory study on business models and sustainability of OER initiatives

- Literature review
- Interviews with experts (15)
- Analysis of 36 OER initiatives
- Online survey 14 OER Initiatives
- Additional document analysis of 22 initiatives

June 2013



3. Study on OER Initiatives for Adult Education

Tendered to Caledonian University: Overview of initiatives,
Typology, SWOT analysis

June 2013



OER for Lifelong Learning Foresight Workshop 29-30 April 2013

Workshop introduction

- Imagining Open Education 2030: A series of 3 sector workshops
- 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.
- Focus on **Open Education** "and" contribution of **OER**
- **2030** is set to force us to think out of the box...
- Agenda:
 - Session 2: Validation of state of the art (29/04 am)
 - Session 3: Setting the scene for envisaging the future (29/04 pm)
 - Session 4: Scenario development (30/04 am) and roadmapping (30/04 pm)



As a reminder 😊

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).



Thank you for your collaboration!!!!

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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 Reddy, Mikiel Loh, Mirtija Lovric, Kacelen, Hani Shyama and Bert Huisgeld

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

EXPOSURE 20



08/2010/EN



JRC SCIENTIFIC AND POLICY REPORTS

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

Authors: Delia Bocco, Pasquale G. Scazzola and Ties Pease

2012

JRC SCIENTIFIC AND POLICY REPORTS

Towards a Mapping Framework of ICT-enabled Innovation for Learning

Authors: Pasquale G. Scazzola, Delia Bocco 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-Mark



JRC TECHNICAL

Online Consultation on Experts' Views on Digital Competence



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