

# Going Open in Europe

JRC research to support policies and practices on OER and Open Education



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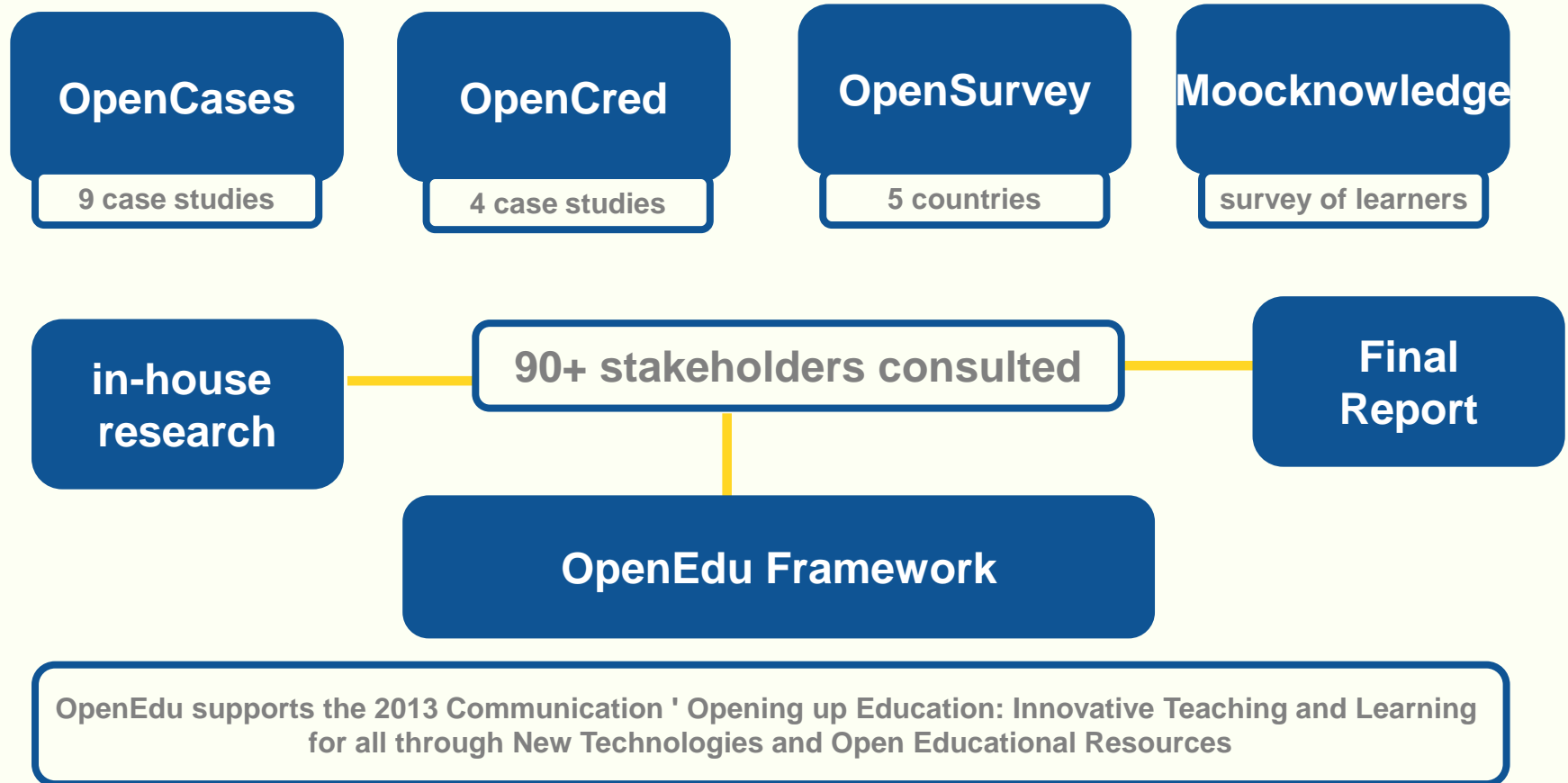
*Plenary session on Interregional Cooperation on OER, 20/09/2017*

JRC Seville research on "**ICT for Learning and Skills**" started in 2005. We have published >100 scientific reports with the aim to support European and MS policies on the digital transformation of E&T and on addressing 21st century skills challenges.

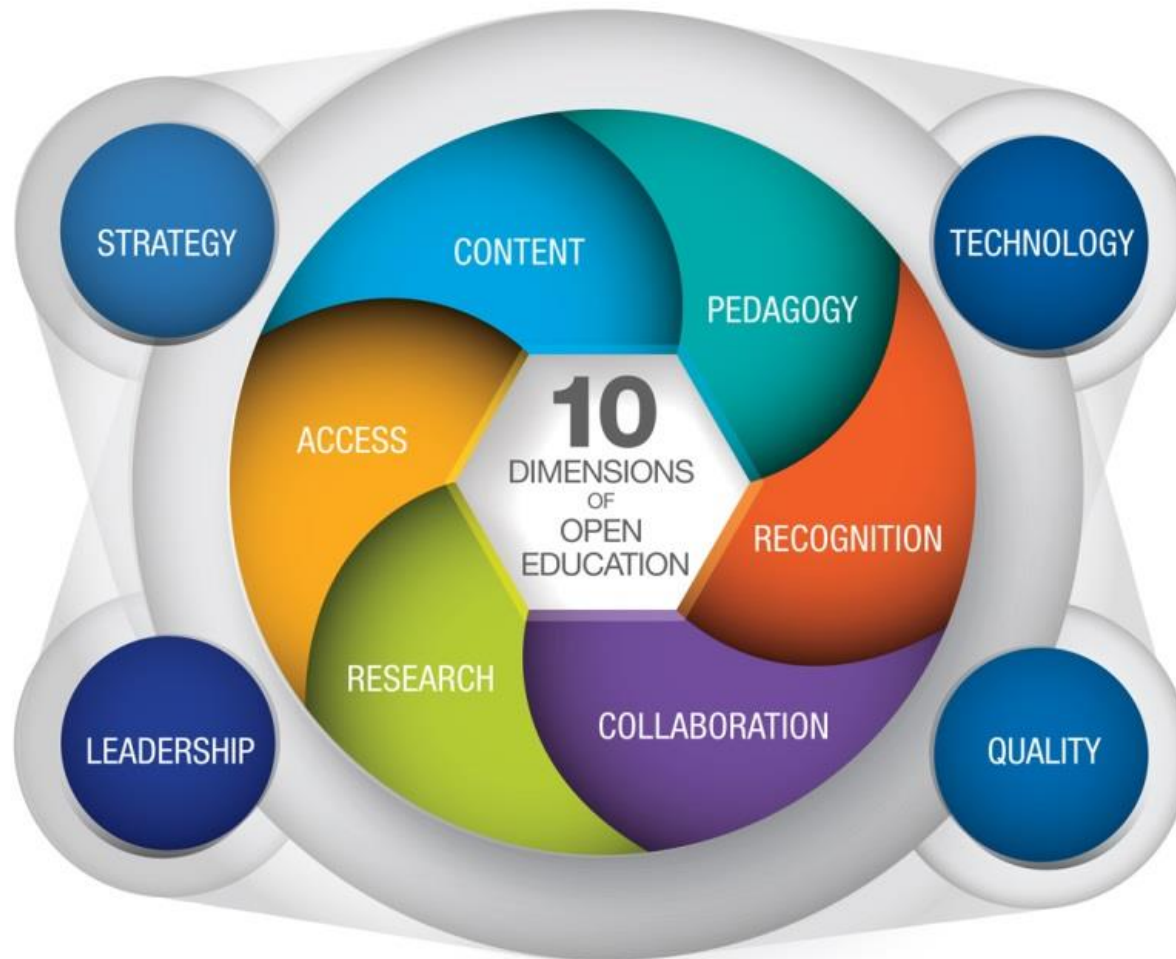
Our research line on **Open Education** (OE) looks at OER, MOOCs, recognition, teacher training etc.

However, Open Education (OE) is not only (or not just) about MOOCs and OER, it is about **widening access and participation for all** and about **modernising and innovating** education enabled by digital technologies

# JRC OpenEdu Project on behalf of DG EAC



# Opening up education framework for **HE institutions**



Source: Inamorato dos Santos, A., Punie, Y., Castaño-Muñoz, J. (2016) [Opening up education: a support framework for higher education institutions](#)

## From institutional support to recommendations for policies... **OpenEdu polices** project

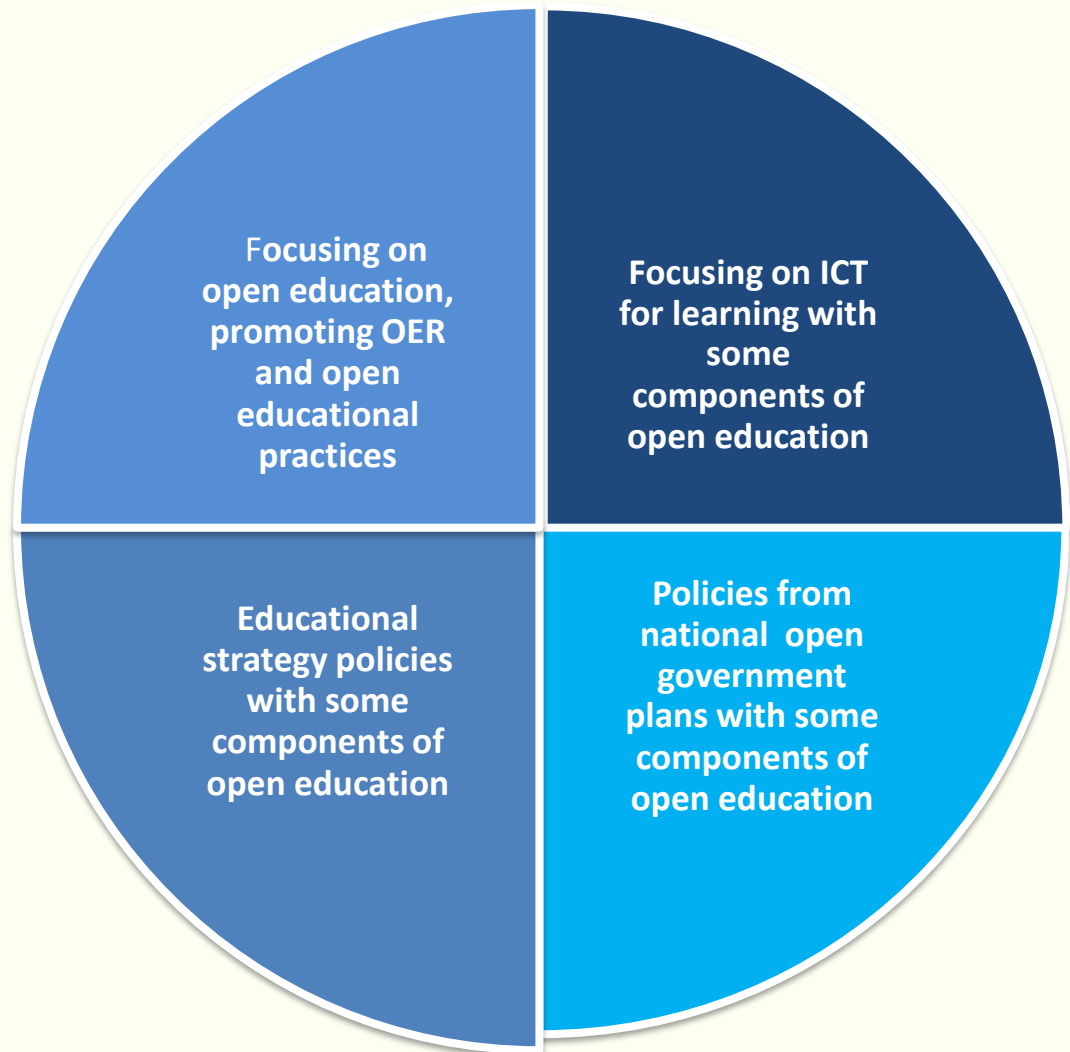
- Desk research
- Analysis of relevant policies in 28 EU Member States
- 2 workshops with policymakers and stakeholders

## Main message from stakeholders:



Policies are important because  
they are **catalysts for action**

# Four types of policies on Open Education



# Four types of policies on Open Education (OE)

Open education	ICT in Education (with elements of OE)	Education Strategies (With elements of OE)	Open government Plan (with elements of OE)
Examples:	Examples:	Examples:	Examples:
<b>France</b> FUN MOOC	<b>Cyprus</b> Digital Strategy for Cyprus	<b>Croatia</b> Strategy of Education, Sc. , T.	<b>Greece</b> 3rd National Action Plan
<b>Slovenia</b> Opening up Slovenia	<b>Ireland</b> National Forum in Higher Ed.	<b>Czech Republic</b> Strategy for Ed Policy	<b>Romania</b> OER
<b>Germany</b> OER Info	<b>Lithuania</b> Activity Plan for ICT	<b>Estonia</b> Estonian Lifelong Learning Strategy 2020	<b>Slovakia</b> Open Government Action Plan 2015



# Towards an Open Education Ecosystem

- Awareness raising
- Regulation, legislation and funding
- Partnerships
- Teachers' professional development
- Accreditation and recognition of learning
- Open educational resources
- Support and infrastructure
- Research and evaluation

EU	National	Regional
<b>Open educational resources (OER)</b>		
<p>The <b>European Commission</b> should consider being a catalyst for OER adoption, use and reuse. This could be done by:</p> <ul style="list-style-type: none"> <li>• Discussing with stakeholders the implementation of the European "General Data Protection Regulation" (GDPR) in relation to educational materials and how to work with it in practice, taking into account the contexts of different MS</li> <li>• <b>Fostering</b> whenever possible the use of open licenses for publicly funded materials</li> <li>• <b>Requiring (and following-up)</b> grantees from EU funds to make deliverables available under open licenses, whenever there are no sensitivity restrictions. These deliverables should also be made available online for easy access of any interested party</li> <li>• <b>Supporting</b> MS in the development of OER in different languages and in disseminating them</li> </ul>	<p><b>Ministries</b> should consider taking a leading role in fostering the take-up and use of OER. This could be done by:</p> <ul style="list-style-type: none"> <li>• Requiring that publicly funded educational materials and research are published under an open license</li> <li>• <b>Providing</b> training for teachers specifically for OER production, use and reuse, as well as pedagogical principles for teaching with them</li> <li>• <b>Working in collaboration</b> with schools, teachers and other organisations to harvest quality OER and create databases/platforms for public access. These should reflect the national curriculum and priority areas for continuous professional development of the population in general (e.g., digital competence).</li> <li>• <b>Granting</b> specific organisations or interested parties the role of keeping OER updated in national databases/platforms</li> </ul>	<p><b>Regional education authorities</b> should consider:</p> <ul style="list-style-type: none"> <li>• <b>Being co-responsible</b> for OER production and use within their region (alongside schools, universities, NGOs, businesses and industries), taking into account the subjects areas or topics that most need to be promoted in the region (e.g. local needs, local strengths)</li> <li>• <b>Exploring</b> how open educational resources can help bridging the skills gap and support smart specialisation strategies in the region</li> </ul>

# Overall policy recommendations suggested by the participants in the OpenEdu Policies research

The EC should consider mediating and supporting the creation of a European open education ecosystem. This ecosystem would scale up open education projects and support a mindset change, which could lead to organisational change.

The Ministries should consider acting in partnership with stakeholders in open education

Regions should consider providing capacity building on open education to its educators, and work as partners of the Ministries in the development, funding and co-management of OE initiatives.

In sum, contemporary open education calls for multi-stakeholder action. It is not the exclusive domain of any one institution – be it a school, a university or even a Ministry. Openness can and should be promoted by all in order to achieve transparency, collaboration and above all social accountability in educational practices.

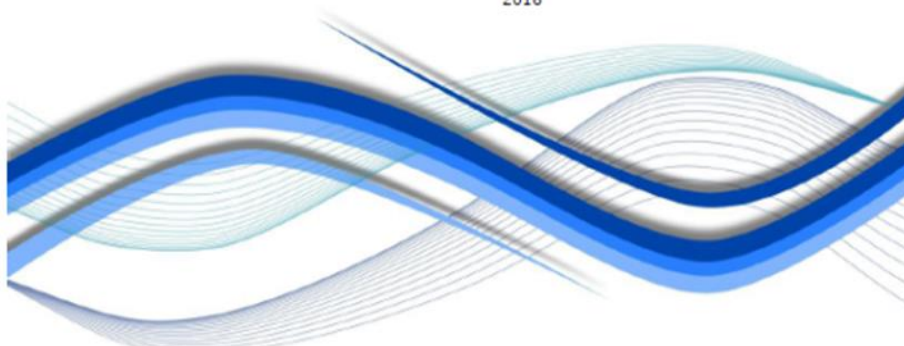
JRC SCIENCE FOR POLICY REPORT

## Opening up Education

*A Support Framework for  
Higher Education  
Institutions*

Andreia Inamorato dos Santos  
Yves Punie  
Jonatan Castaño Muñoz

2016



**End of Sept 2017:**

Going Open: *Policy  
Recommendations on Open  
Education in Europe  
(OpenEdu Policies)*

**End of October 2017:**

Policy Approaches to Open  
Education in Europe: case  
studies on 28 Member States

# Thank you



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