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Dr. Christian M. Stracke: Open Learning & Education, Innovations, Policies, Quality & Competences, Impact Open University of the Netherlands



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International WLS / LINQ Conference



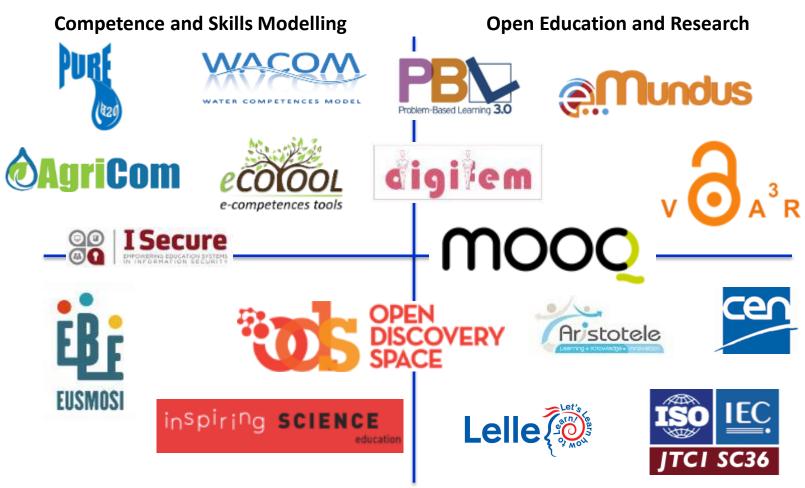
eLC European Institute

ICDE Chair in OER

Welten Institute Research Centre for Learning, Teaching and Technology Open Universiteit welten-institute.org



Selected Projects:



Technology-Enhanced Learning at Large Scale

Quality Management and Evaluation

Selected Projects:



www.inclusive-education.net



www.pure-h2o-learning.eu





www.aristotele-ip.eu

www.opendiscoveryspace.eu



www.ecompetence.eu





www.aristotele-ip.eu

COMPETENCES MODEL

www.wacom-project.eu



I Secure

www.isecure-edu.eu

www.digifem.eu

lem

GIGI

www.mooc-quality.eu



www.eMundus-project.eu



in^spiriⁿg **SCIENCE**

http://lelle.gtk.uni-pannon.hu www.learning-standards.eu

www.inspiringscience.eu

What is Digital Transformation?

The Digital Age

Two core factors:

Globalisation & Worldwide Internet

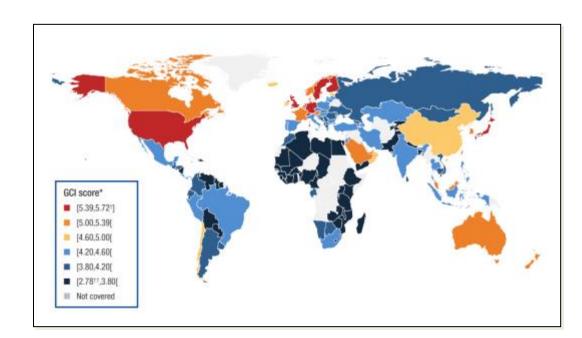


Internationalization

Global Competitions and societal changes

Close the gaps & open new opportunities

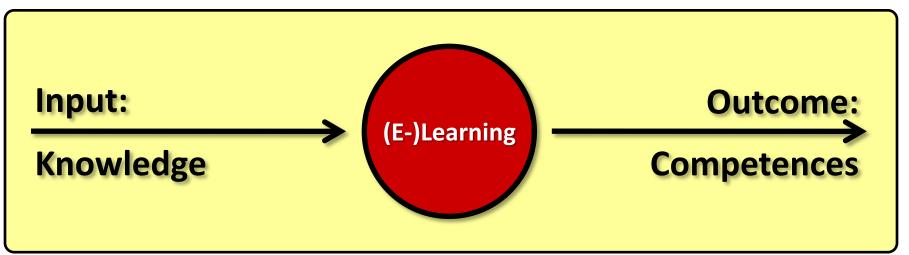
Challenges: Learn to Learn



Learning cha(lle)nges

Not knowledge but competences are required to meet future jobs and tasks still unknown today

Change from input to outcome orientation



What is Quality in Education?

What is Quality?

A simple experiment ...

A simple experiment:

Please imagine and define the quality of your favourite jelly bear

Quality cannot be defined

... except through adaptation to your situation and context!

What is Quality?

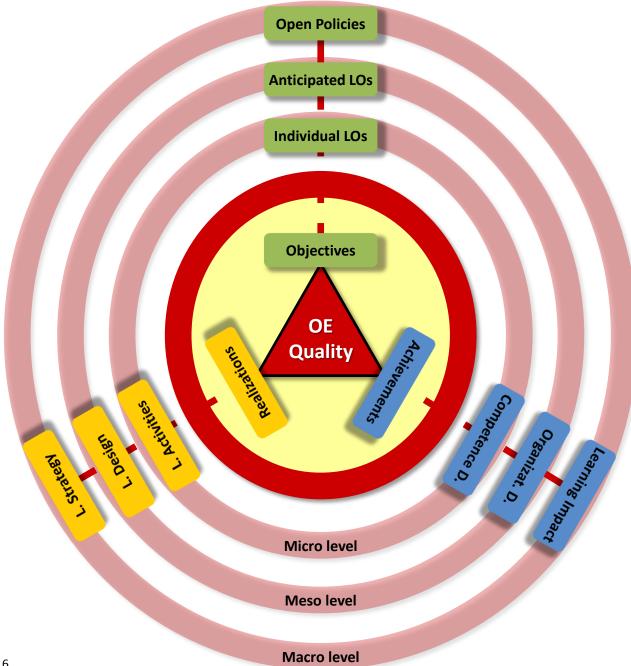
Quality

most important

for Learning, Education and Training!



Quality in Open Education



What is Open Education?









United Nations	
Educational, Scientific and	
Cultural Organization	

Waves of OE

ICORE

1960s: Open Classrooms 1960s: Open Universities 1990s: Open Educational Resources 2000s: Open Online Collaboration 2010s: Open Educational Practices Now: Open Educational Environments

Open Education

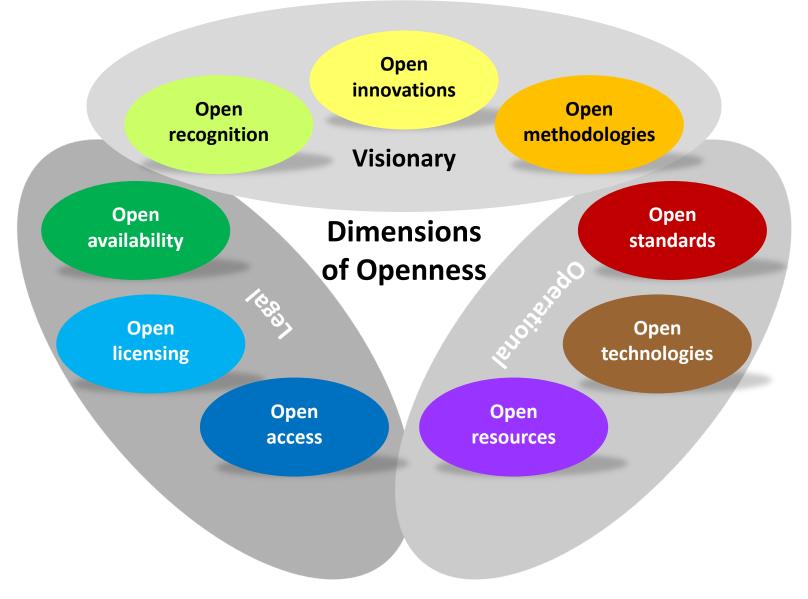
Do not to forget the long-term history:

1000 BCE - : Open Educational Practices

• **Open discourse** (Confucius, Socrates)

1800 CE - : Open Learning

- Progressive theory (Pestalozzi, Humboldt)
- Competence building (Piaget, Vygotsky)



Open Education (OE): Innovations for changing & opening up education to improve the quality

Change in Education!

To improve Quality in Education!

How to improve quality by Open Education?







mooc

WE WILL MAKE MOOCs BETTER!

www.mooc-quality.eu

mooq

Quality Reference Framework with indicators for design & comparison Launch of MOOC Survey at EDEN 2016: <u>www.survey.MOOC-quality.eu</u> 45 participants until now

www.mooc-quality.eu

mooq

Four main surveys for MOOC learners, designers, implementers & providers To be launched in December 2016: <u>www.survey.MOOC-quality.eu</u> Your feedback is most welcome!

www.mooc-quality.eu

Open Education (OE): Innovations for changing & opening up education to improve the quality

Change in Education!

Quality in Open Education!

... with fun!

How can you participate and contribute to Open Learning?





Communities: ODS & ISE



Welcome to Open Discovery Space

OpenDiscoverySpace: Unique Resources just a click away!

www.opendiscoveryspace.eu

> 10,000 teachers and> 3,000 schools in 28 countries



Welcome

In the framework of the Inspiring Science Education project the consolidation of good practice will be achieved by

a) Evinging into the classroom a unique collection of digital resources and lools that are based on real-world problems. The resources will inside students in finding their own problems, leading clasboratively with other students or practitioners beyond the school classroom. Advanced eLearning tools will provide scaffilds that enhance learning, support thinking and problem subing, model activities and guide practice, represent data in different ways, and florm parallel or classoratively with other students or practitioners beyond practice, represent data in different ways, and florm parallel or classroom. Advanced eLearning tools will provide scaffilds that enhance learning, support thinking and problem subing, model activities and guide practice, represent data in different ways, and florm part of a coherent and aystemic educational approach.

b) Giving students and teachers more opportunities to evaluate the quality of their own thinking and products for feedback, reflection, and revision.

c) Giving students and teachers the opportunity to interact with working scientists, receive feedback from multiple sources

d) Building local and global communities where teachers, teacher trainers, education policy makers, parents, students, practicing scientists and other interested

www.inspiring-science.eu & portal.opendiscoveryspace.eu/ise

LINQ

The leading European and international Conference on Learning INnovations & Quality

www.learning-innovations.eu



ICORE

ICORE: International Community for Open Research and Open Education

Launched 15th May 2013 in Rome Already more than 300 members within one year First recognition by key stakeholders & EC: Let us join forces and become ICORE member!

www.ICORE-online.org



To improve the learning quality!

Series of ICORE Workshops with key organisations "How to re-establish Openness as default?" First ICORE Workshops at ICDE Conference in South Africa & at OE Global 2016 in Poland! Towards a global joint initiative!

www.ICORE-online.org

How to Open Education?

- **O** Open your mind for openness
- P Put an open license on it
- **E** Enrich OER and share them
- **N** Network with same minded
- Involve your management
- **N** Notify your communities
- **G** Generate consensus

How to Open Education?

- **U** Unite your open collections
- **P** Promote them worldwide
- E Enter global movements
- **D** Discuss with decision makers
- **U U** make the difference!

How can you participate?

Publish and share your content!

Re-use existing content!

Connect to colleagues!



Conclusions



Towards Open Learning

Let us Opening up Learning, Education and Training for ALL!



Open Education is a Vision that is happening! **Quality** is most important for your situation & learners **Inclusion and equity for all** to improve our Global Society!

How to improve quality by Open Education?

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Towards Open Learning

Let us Opening up Learning, Education and Training for ALL!



Let us cooperate!



christian.stracke@ou.nl



@ChrMStracke

www.opening-up.education

Let us connect!

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www.opening-up.education

Thank you! Questions?

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