OPEN EDUCATION CONSORTIUM

The Global Network for Open Education

TU Delft

Open Education

provide lifelong learning opportunities for all

Willem van Valkenburg

@wfvanvalkenburg

Unless otherwise indicated, this presentation is licensed CC-BY 4.0.
Please attribute Open Education Consortium/ Willem van Valkenburg

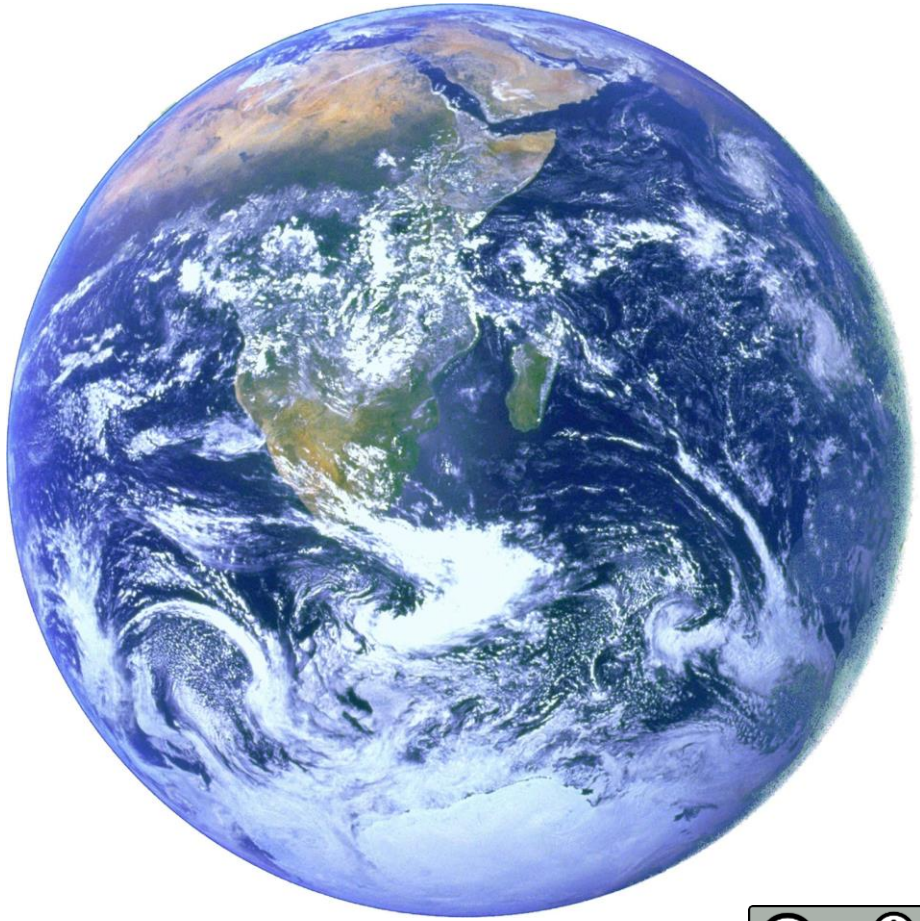
OPEN EDUCATION CONSORTIUM

The Global Network for Open Education

WHO WE ARE

- Global
- Non-profit
- Members based network
- Open education institutions & organizations
- 240+ members from over 44 countries
- New members welcome

http://www.oeconsortium.org



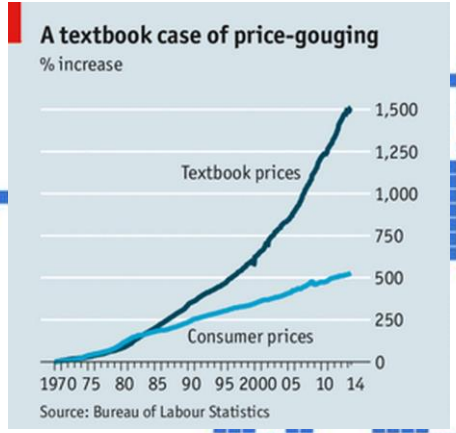
CC BY

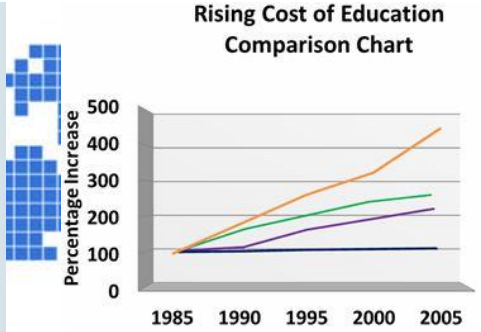
1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS
SUSTAINABLE DEVELOPMENT GOALS

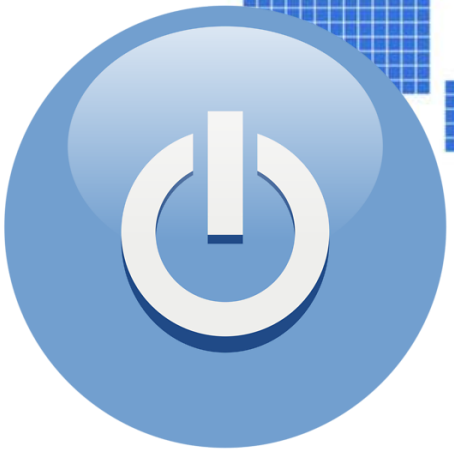
4 QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote **lifelong learning opportunities for all**

Through education, people can get better jobs and have better lives?

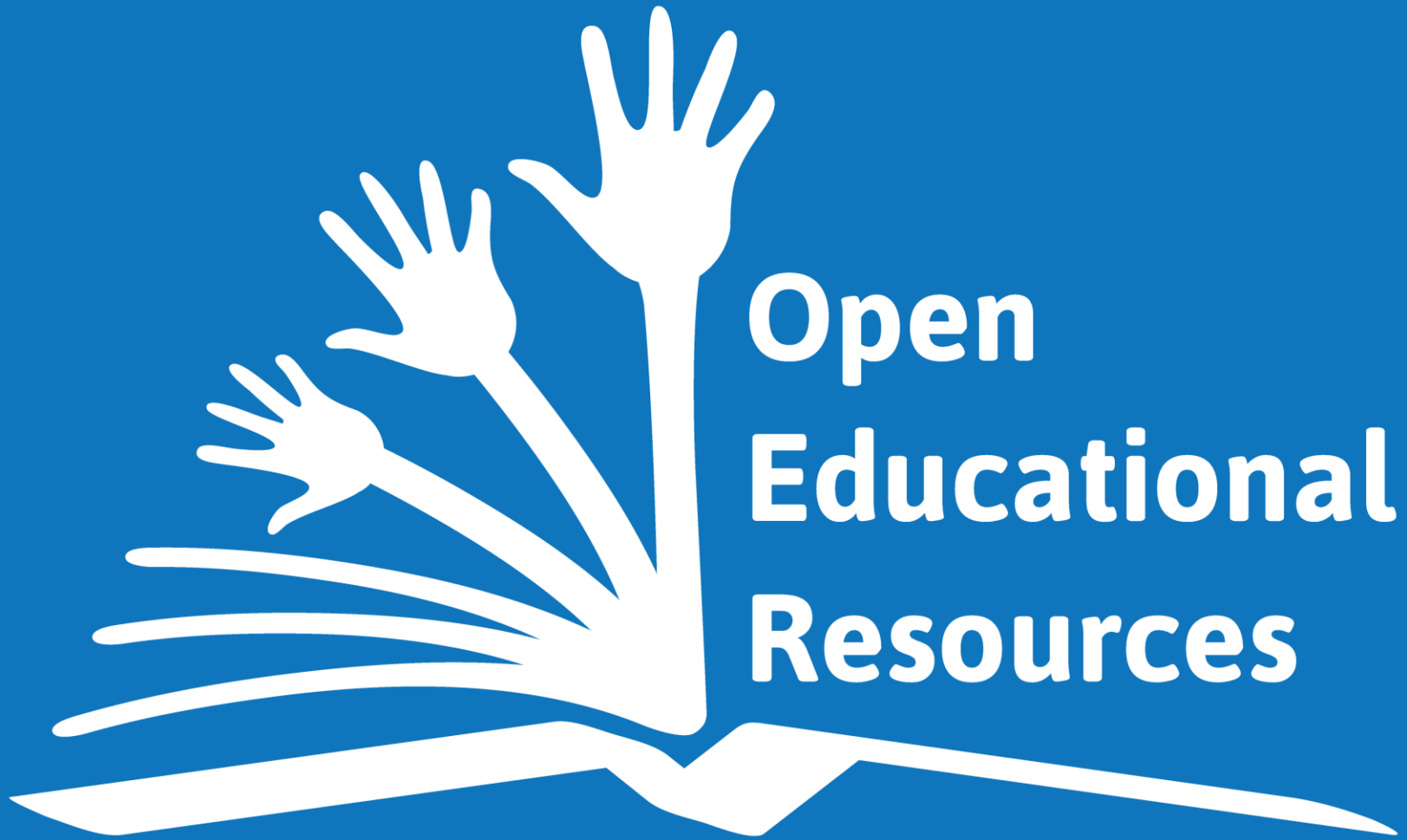

A textbook case of price-gouging
% increase
1,500
1,250
1,000
750
500
250
0
Textbook prices
Consumer prices
1970 75 80 85 90 95 2000 05 10 14
Source: Bureau of Labour Statistics


Rising Cost of Education
Comparison Chart
Percentage Increase
500
400
300
200
100
0
1985 1990 1995 2000 2005
Tuition
Energy
Housing
Medical



No
Teach

CC BY


Open
Educational
Resources

Open Education combines the traditions of **knowledge sharing and creation** with **21st century technology** to create a vast pool of openly shared educational resources, while harnessing today's collaborative spirit to develop educational approaches that are more **responsive to learner's needs**.

OPEN ≠ free

OPEN = free + permissions

The 5Rs

Retain	• Make and own a copy
Reuse	• Use in a wide range of ways
Revise	• Adapt, modify, and improve
Remix	• Combine two or more
Redistribute	• Share with others

CC-BY David Wiley: http://www.opencontent.org/definition/

Why should I care about Open Education?

For students	For teachers, and governments
OERs offer free access to some of the world's best courses and even degree programs. They can also offer huge cost savings as alternatives to expensive textbooks.	OERs provide free and legal access to some of the world's best courses. Educators can then adapt them to local languages and cultures and use them as a basis for innovation.

Adopted from https://www.slideshare.net/EbbaOssiann/co19-ossiannilsson-24-febr2019

CC BY

Why should I care about Open Education?

For people of all ages and backgrounds

Free information is a fundamental human right, and OERs make it possible for people of all ages and backgrounds to learn more about the world around them and access the tools they need to improve their lives and livelihoods.

Adopted from https://www.slideshare.net/EbbaOssiann/co19-ossiannilsson-24-febr2019

CC BY

Photovoltaic Technologies

Photovoltaic Energy Conversion

Sustainable Energy

Leadership for Engineers

Framing

Responsible Innovation

Urban Sewage Water

Water & Climate

Sustainable Urban Development

The Value of Business Models

Future of Wind Energy

Sustainable Urban Freight Transport

Photovoltaic in Microgrids

Photovoltaic Systems

Introduction to Solar Energy

Cyber Security Economics

Topology of Condensed Matter

Pre-University Calculus

Drinking Water Treatment

Aeronautical Engineering

Business Model Metrics & Tools

How to Design a Business Model

Dutch Urbanism

Big Data Strategies

Quantum Cryptography

Data Analysis to the MAX()

Advanced Trans-port Phenomena

Credit Risk Management

Observation Theory

Building with Nature

Open Government

Nuclear Energy

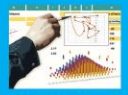
Business Model Implementation

Business Model Testing

Programmeren voor kinderen

Programming for Kids

Quantum Internet & Computers


Data Analysis: Dashboard

Big Data Strategies

Delft Design Approach

Image | Ability

Functional Programming

Next Generation of Infrastructure

Healthy Aging in 6 Steps

Entrepreneurship for Engineers

Railway Engineering

Programmeren voor leerkrachten

Programming for Teachers

Geoscience

Management of Engineering Projects

Sustainble Building Adaption

Design Practice in Business

Solving Complex Problems

Basic Transport Phenomena

Circular Economy

Entrepreneurship for Global Challenges

Engineering Design for a Circular Economy

Globally Distributed Software Engineering

Co-Creating Sustainable Cities

Forensic Engineering

Mastering Complexity

Funding of Projects Succesfully

Mind of the Universe

Design in Healthcare

Industrial Biotechnology

Design Through Physical & Digital Models

Electric Cars: Introduction

Electric Cars: Technology

Electric Cars: Business

Electric Cars: Policy

ROS: Robot Operating System

Building Tomorrow's Responsible Firms

Effective Decision Making

Influence Stakeholders

Communicate Effectively

Rethink the City

Automated Software Testing

Adv. Automated Software Testing

Biobased Products

Zero Energy Design

Engineering Walking & Cycling Networks

Circular Economy for a Sustainable Built Environment

Mathematical Modelling

Inclusive Energy Systems

Introduction to Structured Expert Judgment

Waste Manage-ment and Critical Raw Materials

Hyperloop: Chang-ing the Future of Transportation

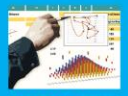
Sustainable Packaging in a Circular Economy

Building Blocks of a Quantum Computer 1

Building Blocks of a Quantum Computer 2

Open Science: Sharing Your Research

Análisis de datos: Llévalo al MAX()


Diseño y Visual-ización de Table-ros

LOCALISATION OF MOOCS

Kienhoc BETA

http://kienhoc.vn/

Asuka Academy

http://www.asuka-academy.com/

第13回 日本e-Learning 大賞
文部科学大臣賞
Japan e-Learning Awards 2016

إدراك EDRAAK

https://www.edraak.org/

学堂在线 xuetangx.com

https://www.xuetangx.com/

TU Delft

CC BY

4 QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote **lifelong learning opportunities for all**

Inclusive	allows adoption
Equitable	open and transparent
Quality	adapt and improve
For All	open access

CC BY

OPEN EDUCATION CONSORTIUM

The Global Network for Open Education

OEConsortium.org

Willem van Valkenburg
President of the Board Open Education Consortium

W.F.vanValkenburg@tudelft.nl
@wfvanvalkenburg