

Deliverable D2.1

Transversal and categorised inventory of OER Programmes and Initiatives

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Table of contents

1	Introduction	. 3
2	Methodology	. 4
3	Table of notable initiatives	. 5

1 Introduction

This is Deliverable 2.1 of Work Package 2 of POERUP. The Deliverable Title from the proposal is:

Transversal and categorised inventory of OER programmes and initiatives

The Work Package title is:

Cross-sector analysis and comparison

The brief for the Deliverable states:

A wiki-based cross-sectoral inventory of national, international and multinational OER programmes and large initiatives.

In order to keep the scope manageable and to maximise the value of the information collected the inventory will work at the level of programmes, not projects. It will aim to be comprehensive with respect to the school and higher education sectors in Europe and representative regarding other sectors and the rest of the world.

The inventory will be assembled from desk research supplemented where necessary by telephone interviews.

POERUP will develop a set of defining characteristics, taking into account the various manifestations of OER initiatives. The categorisation will clarify the market space of OERs, thus giving policy makers and key actors a better insight into the world of OER. It will also help other OER initiatives to build on previous experience and gathered know-how.

The aim is to have at least 100 major initiatives collected, documented and classified.

This report tabulates 120 *notable* OER initiatives - well over the work plan target of 100. The criteria for categorisation as *notable* are described in section 2 below and the table of initiatives is given in section 3.

The main author of this report is Ming Nie (University of Leicester to July 31, 2013). Contributors include Professor Paul Bacsich, Nick Jeans and Giles Pepler (Sero Consulting) and the report uses the material collected by all the authors of country reports and initiative reports from the project wiki.

2 Methodology

This report is based on four stages of analysis:

Stage one: A global inventory of more than 400 OER initiatives (Deliverable D2.2) was generated on the basis of the analysis of the following resources:

- 11 country reports and 13 mini country/regional reports produced from POERUP (Deliverable 2.2), http://poerup.referata.com/wiki/Countries.
- OER reports for Brazil, China, Lithuania and Russia, published by UNESCO, <u>http://iite.unesco.org/publications/themes/oer/</u>.
- OER reports produced by other individuals for countries such as Turkey and Saudi Arabia, and by regional projects such as OER Asia (reports including China, India, Indonesia, Japan, Korea, Philippines, Vietnam), http://www.col.org/resources/publications/Pages/detail.aspx?PID=441.
- Case studies produced by OPAL, <u>http://cloudworks.ac.uk/cloudscape/view/2085</u>.
- OER case studies from Creative Commons, <u>http://wiki.creativecommons.org/OER_Case_Studies</u>.

Stage two: A list of 120 notable OER initiatives was selected from Step one, by applying a number of criteria:

- To qualify as *notable*, the OER initiative should focus on producing content, material or resource for teaching and learning. Initiatives whose main focus appeared to be the provision of information, guidance and other services were excluded. For this reason, initiatives such as OPAL and OLnet are not included in this report.
- To be categorised as a notable initiative, Creative Commons licence or other types of open licence must be used for at least a significant amount of content. For this reason, some initiatives which are usually considered as OER initiatives, such as the programme of the Norwegian Broadcasting Corporation (<u>http://nrk.no/skole/</u>) and TED Ed are excluded, as their content is not openly licensed.
- All initiatives whose focus is on producing e-textbooks and making them freely available or at a low cost to students (even the textbooks are not openly licensed) are included as notable initiatives in order to highlight the significance of open textbooks in terms of removing financial barriers to access to educational content.
- MOOCs are currently considered as notable initiatives, even those which are not licensed under CC. They are named as one of the emerging technologies to have an effect on higher education by the 2013 Horizon Report (http://net.educause.edu/ir/library/pdf/HR2013.pdf). As the number of MOOCs is increasing rapidly, it is not possible for this report to include every single MOOC that is being offered worldwide. For this reason, we have so far studied the highlights of MOOC initiatives for the purpose of the report. For a complete and up-to-date list of MOOCs, please visit http://www.mooc-list.com/.
- Because the USA dominates the list of worldwide OER initiatives, this report has only included a representative selection, whereas countries with less visible OER have been more broadly represented.

Stage three: A classification scheme was developed, consisting of a number of categories including political scale, educational sector, funding/financing model(s), pedagogical approach, quality procedures, content providers, content users, language of the materials, subjects, formats, licences used, size, and the visible role of OER communities. An inventory was then generated in a spreadsheet in which the 120 initiatives were mapped onto the above categories using the classification scheme. The complete spreadsheet is shown in section 3 of this report.

3 Table of notable initiatives

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
1	Argentina	Gleducar , http://www.gleducar.org.ar	National	Schools	Spanish	A range	CC-BY-SA	Digital assets
2	Australia	Open2Study, https://www.open2study.com	Institutional consortium	HE/FE	English	8 subjects including management, advertising, education and nursing	Copyright of Open Universities Australia	MOOCs - 19 courses
3	Bangladesh	ebooks in Bangladesh , http://www.ebook.gov.bd	National	Schools - Primary & Secondary (for grades 1-12)	Bengali	A range	National Curriculum and Textbook Board all rights reserved	Textbooks
4	Belgium (Flanders)	Klascement, http://www.klascement.net	National	Schools –Primary & Secondary, Teacher training, Adult education	Dutch	A range	Various CC applied to some resources	Digital assets (learning objects, exercises, lessons docs, presentations, multimedia, etc.)
5		UnisulVirtual, http://labspace.open.ac.uk/course/ view.php?id=3194	Institutional	HE	Portuguese, English	A range	CC BY-NC-SA	Courses
6	Brazil	Folhas Project (Projeto Folhas), http://www.educacao.pr.gov.br	Provincial (Paraná State)	Schools - Secondary	Portuguese	All the subject areas of secondary education	Total or partial reproduction of the works is permitted as long as the original authors are cited.	Textbooks
7	Canada	BCCampus, http://www.bccampus.ca	Provincial (British Columbia)	FE & HE	English	A range	сс	Textbooks & courses
8	Callaua	Athabasca University Open Courseware, http://ocw.lms.athabascau.ca	Institutional	HE	English	English, Math, Science, Humanities	СС ВҮ	Full & partial courses, digital assets

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
9	China	China Open Resources for Education (CORE), http://www.core.org.cn/en	National	HE, Professional development	Chinese, English	A range	CC BY	Courses
10	Columbia	Eduteka, http://www.eduteka.org	National	Schools - Primary & Secondary	Spanish	A range	CC BY-NC-SA	Digital assets
11	Czech Republic	The RVP Metodicky Portal, http://dum.rvp.cz/index.html	National	Teacher training	Czech	A range	CC-BY-NC-ND or CC- BY-NC-SA	Digital assets (articles, audio, video, etc.)
12	Finland	Le Mill, http://lemill.net	Institutional	Schools	<u>83</u> languages	A range	CC BY-SA 2.5	Digital assets (media pieces, teaching methods, tools)
13		Digital Universities , http://www.universites- numeriques.fr	National	HE	French	A range	Some use CC	Digital assets
14	France	SILLAGES, http://plateforme.sillages.info	National	Schools	French, English	A range	CC BY-NC-SA	Digital assets (courses, exercises)
15		MOOC ITyPA, http://www.itypa.mooc.fr	National	Lifelong learning	French	Learn from internet	СС ВҮ	A 10-week course
16		Leuphana University MOOC, http://www.mooc- list.com/course/thinktank-cities- leuphana	Institutional	НЕ	English	Art, Architecture, and Design	No CC	A 18-week course
17	Germany	Iversity (By October 2013 the Berlin-based platform will offer free academic online courses for German and international teachers)	Institutional consortium	HE	Not know yet	Not know yet	Not know yet	Courses
18		OpenCourseWorld , is a platform from Information Multimedia Communication working with several German universities	Institutional consortium	НЕ	German	Business Process, Management, Windows 8 App Development	Unknown	Courses

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
19	Greece	Digital Schools, http://digitalschool.minedu.gov.gr	National	Schools – Primary & High schools	Greek	A range	No CC	Textbooks
20	Hungary	National Textbook repository, http://www.tankonyvtar.hu	National	HE	Hungarian, English	A range	No CC	Textbooks
21		OSCAR, http://oscar.iitb.ac.in/aboutOscar.d o	National	HE mainly, some Schools	English	Science, Engineering, Technology	CC BY-NC-SA 2.5	Digital assets (animations and simulations)
22		Pratham Books, http://www.prathambooks.org	National	Schools	English, Indian	A range	CC BY or CC-BY-SA	Storybooks, story cards
23	India	Computer Masti (CM), http://computermasti.in	Institutional	Schools	English	Computer literacy skills	CC Plus License, CC BY-NC-SA with additional permissions for commercial use	Textbooks
24		NCERT, http://ncert.nic.in/ncerts/textbook /textbook.htm	National	Schools & HE	Hindi, English and Urdu	All subjects	NCERT textbooks are copyrighted. Republication is strictly prohibited.	Textbooks
25		Indian NROER, http://www.cietncert.org/ICT- Schools/NroeratICT/national- repository-open-educational- resources	National	Schools	English	All subjects	сс	Digital assets (documents, video, images, etc.)
26		NPTEL, http://nptel.iitm.ac.in	Institutional	FE (college)	English	Engineering	CC BY-NC-SA	Lectures
27	Indonesia	Universitas Terbuka (UT) Open Educational Resources (SUAKA- UT): http://www.ut.ac.id/OER	Institutional	HE, Schools	English, Indonesian, Thai, Khmer	A range	CC BY-NC-SA or CC BY-NC-ND	Courses, Digital assets
28	Ireland	The National Digital Learning Repository (NDLR), http://www.ndlr.ie	National	HE	English	A range	Some use CC	Digital assets

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
29		ALISION, http://alison.com	National	Workplace learning	English	A range	Some use CC	Courses
30		Book in progress, http://www.bookinprogress.it	National consortium	Secondary schools	Italian	A range	No CC	Textbooks
31	Italy	i-cleen, http://www.icleen.museum/web/g uest	National	Schools	Italian	Earth science	Some use CC-BY 3.0	Digital assets
32		Oilproject , http://www.oilproject.org	National	Lifelong	Italian	A range	CC BY-NC-ND 2.5	Digital assets
33	Japan	Japan Open Course Ware Consortium (JOCW), http://www.jocw.jp	Institutional consortium	HE	Japanese	A range	The JOCW website is licensed under CC BY-NC-SA	Each JOCW member university provides 10 courses
34		SNOW, http://www.snow.or.kr	National	HE	English, Korean	All	CC BY-NC-ND	Video lectures
35	Korea	Korean OCW, http://www.kocw.net	Institutional consortium	HE	Korean	All	Some CC BY-NC-SA, CC BY-NC-ND	Lectures
36	Malawi & Botswana	IADP-SADC digital resources project, http://www.oerafrica.org/malawi/I ADPSADCDigitalResourcesHome/ta bid/208/Default.aspx	Multinational	HE & FE	English	Communication skills, Midwifery, Teacher training, Aquaculture, Pre-clinical	CC BY-NC-SA; Pre- clinical: mixed licences	Textbooks, courses
37	Mexico	Temoa – 'Knowledge Hub', http://www.temoa.info	Institutional	Mostly HE, some Schools (Elementary & High schools)	English, Spanish, French, others	All	CC BY-NC	Digital assets (course, module, elements)
38		Educonector.info , http://www.educonector.info	Institutional consortium	HE	Spanish	All	CC BY-NC-SA	Digital assets (module, elements, Learning Objects)

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
39	Norwov	The Norwegian National Digital Learning Arena (NDLA), http://www.ndla.no	National	Schools - Secondary	Norwegian	All	Some use CC	Digital assets
40	Norway	Utdanning.no, http://www.utdanning.no	National	HE, FE, Continuous education	Norwegian	All	Some use CC	Digital assets
41	Philippines	E-turo : an online repository of teaching and learning tools, http://e-turo.org	National	Schools	English <i>,</i> Filipino	Mathematics, Science, English, Filipino and Social Studies	CC BY-NC-SA 3.0	Digital assets (lesson plan, exercise, module)
42		Digital School Programme	National	Primary schools (Grades 4-6)	Polish	All	CC BY 3.0	Textbooks
43	Poland	Wolnelectury (Free Reading project), http://wolnelektury.pl	National	Schools	9 languages	Many	Songs (freely publish and distribute), Audio books (rights protected), Footnotes and literary motifs (CC BY-SA 3.0)	Books, audio books, songs
44	Portugal	Portal das escolas, https://www.portaldasescolas.pt	National	Schools - Pre- school & Primary	Portuguese and many others	All	Various Creative Commons	Digital assets
45		OCW Universia, http://ocw.universia.net/es	Institutional consortium	HE	English, Spanish, Portuguese	All	Various CC	Courses
46		Recursos Educativos, http://www.ite.educacion.es/recur sos	National	Schools	Spanish	All	CC BY-NC-SA	Digital assets
47	Spain	Agrega, http://www.proyectoagrega.es	National	Schools (Secondary)		Training ICT in education	CC BY-NC-SA	Digital assets
48		UniMOOC aemprende, http://unimooc.com/landing/index. html	International (Spanish- speaking	Lifelong learning	Spanish	Entrepreneurship	СС ВҮ	Courses

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
			organisations)ar ound the world)					
49		Didactalia, http://didactalia.net	National	Pre-schools, Schools (Age 0- 18)	Multilingual	28 subjects	CC BY-NC-SA 3.0	Digital assets (articles, books, games, experiment, exercise, etc.)
50		Free High School Science Texts (FHSST) project, http://www.fhsst.org/, http://en.wikibooks.org/wiki/FHSS T_Physics/Info	National	Schools (Grade 10, 11 and 12)	English	Mathematics, Physics, Chemistry, Life Sciences, and Computer Literacy	CC BY-SA 3.0	Textbooks
51	South Africa	Thutong , http://www.thutong.doe.gov.za	National	Schools, FET colleges	English, Afrikaans	All subjects	CC BY-SA 2.5	Digital assets (lesson plans, worksheets, tests and examinations)
52	South Anica	SAIDE ACEMath project, http://www.oerafrica.org/acemath s/ACEMathsProjectHome/tabid/13 2/Default.aspx	National	Teacher education	English	Teacher education	СС-ВҮ 3.0	One textbook
53		The Skills for a Changing World Programme, http://www.oerafrica.org/oeractio n/SkillsforaChangingWorld/tabid/3 24/Default.aspx	National	Foundation (teacher education)	English	English Literacy and Language, ICT Literacy, Mathematical Literacy	СС-ВҮ 3.0	Modules
54	Thailand	Thailand Cyber University OCW, http://www.thaicyberu.go.th/cours eware	National	HE	English	Accessible Courseware Development, e- Learning Thai Language	сс	Two courses
55	Turkey	Turkey Academy of Sciences, MIT OpenCourseWare (TUBA), http://www.acikders.org.tr	National	HE	Turkish	All subjects in Engineering, Social, and Basic Sciences	CC BY-NC-SA	Complete courses
56	The Netherlands	Wikiwijs, http://www.wikiwijs.nl	National	All sectors	Dutch	All	CC-BY-NC-SA or CC- BY or CC-BY-SA	Digital assets
57	UK	Jisc/HEA OER Programme	National	HE & FE	English	All	Various CC	Digital assets
58		SCORE	National	HE	English	Various	Various CC	Digital assets

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
59		FutureLearn , http://futurelearn.com	National	HE	English	All	Not know	Courses
60		Jorum Open, http://www.jorum.ac.uk	National	HE & FE	English	All	Various CC	Digital assets
61		mathcentre , http://www.mathcentre.ac.uk	National	Schools (post-16)	English	Bioscience, Built Environment, Economics, Engineering, Mathematics, Computing Science, Physical Science	CC BY-NC-ND	Digital assets (self- study guides, diagnostics and exercises, video tutorials)
62		OpenLearn, http://www.open.edu/openlearn; LabSpace, http://labspace.open.ac.uk	Institutional	HE	English	All	Some CC	Courses, extracts from course materials
63		LORO, http://loro.open.ac.uk	Institutional	HE	Chinese, English, French, Germany, Italian, Spanish, Welsh, others	Language teaching	CC BY-NC, CC BY- NC-SA or CC BY-NC- ND	Digital assets
64		FSLT 12 MOOC, http://openbrookes.net/firststeps1 2	Institutional	HE teacher training, PG Cert	English	Learning & Teaching in HE	CC BY-SA	A 5-week MOOC
65		Open Learning Design Studio MOOC, http://olds.ld-grid.org	Institutional	CPD	English	Learning Design (curriculum design with OERs)	CC BY-NC-SA 2.0	A 9-week MOOC
66		Peoples Uni, http://www.peoples- uni.org	International consortium	HE	English	Public Health	No CC	Courses
67	USA	TAACCCT grant program, http://creativecommons.org/taa- grant-program	National	FE & HE	English	Education and career training programs	CC BY 3.0	

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
68		Coursera , https://www.coursera.org	International	HE	English, Spanish, French, Chinese, Germany, Italian	25 subjects	No CC	Over 300 Courses
69		Udacity, https://www.udacity.com	International	HE	English	5 subjects	CC BY-NC-ND 3.0	25 courses
70		NovoEd, http://novoed.com/	Institutional	HE	English	8 subjects	No CC	8 courses
71		EdX, https://www.edx.org/	Institutional consortium	HE	English	23 subjects	No CC	59 Courses
72		Udemy, http://www.udemy.com	International	HE	English	Many	No CC	Courses
73		MERLOT, http://www.merlot.org/merlot/ind ex.htm	International consortium	HE	English	All	сс	Digital assets
74		Carnegie Mellon Open Learning Initiative, http://oli.cmu.edu	National	HE/FE	English	Science subjects	CC BY-NC-SA	Courses
75		Kaleidoscope, http://www.projectkaleidoscope.or g	National	FE (colleges)	English	10 subjects	No CC, but drive the use of CC licensed OER	10 courses
76		Washington State's Open Course Library Project, http://www.opencourselibrary.org	Washington State (Provincial)	FE	English	for 81 high-enrolling college courses	CC BY 3.0	Courses
77		CCCOER, http://oerconsortium.org	National	High School/FE	English	All		Textbooks
78		Khan Academy, https://www.khanacademy.org	International	Schools, FE	Lessons are translated with subtitles in multiple languages	All	MIT license, CC-BY- NC-SA	Video lectures (each approximately 10 minutes long)

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
79		P2PU, https://p2pu.org	International	Lifelong learning, K-12 & upwards	Multilingual	Various	CC BY-SA	Courses
80		OER Commons, http://www.oercommons.org	International	All sectors	English	All	CC BY-NC-SA	Digital assets
81		Writing Commons, http://writingcommons.org	National	FE (College)	English	Writing courses	CC BY-NC-ND 3.0 or CC BY-NC-SA 3.0	Textbooks, courses
82		Flat World Knowledge, http://www.flatworldknowledge.co m	National	FE (college)	English	All	Free download, personal use, modification, distribution for educators	Textbooks
83		K-12 Open Ed, http://www.k12opened.com/index .php	National	Schools (K-12)	English	All	СС ВҮ	Courses, textbooks, lesson plans
84		Free Reading, http://www.freereading.net/index. php?title=Main_Page	National	Pre-schools & Primary schools	English	Early literacy skills (Phonological awareness, Phonics, Vocabulary, Comprehension, and writing)	CC BY-SA 3.0	
85		CLRN Free Digital Textbook Initiative, http://www.clrn.org/fdti	California state (Provincial)	Schools	English	All	CC BY-NC-SA	Textbooks
86		College Open Textbooks Collaborative (COT), http://www.collegeopentextbooks. org	National	FE & HE	English	All	About half of the textbooks are on the copyright holder's own website	Textbooks
87		Utah Open Textbook project, http://utahopentextbooks.org	Utah state (Provincial)	Schools (K-12 7th to 12th grades)	English	Sciences	CC BY-NC-SA	Textbooks

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
88		Open High School of Utah OCW , http://openhighschoolcourses.org	Utah state (Provincial)	Schools (K-12 high schools)	English	All	CC BY 3.0	Courses
89		Curriki, http://www.curriki.org	National	Schools (K-12)	English	All	СС ВҮ	Digital assets (lesson plan, assessment, presentation, etc.)
90		CK-12, http://www.ck12.org	National	Schools (K-12)	English	Mathematics, Science, other subjects	CC BY-NC-SA	Digital assets, Textbooks
91		Textbook Revolution , http://textbookrevolution.org/inde x.php/Main_Page	National	All sectors	English	All	Mostly CC, some use other licences, some all rights reserved	Textbooks
92		Saylor Foundation's free education initiative, http://www.saylor.org	National	HE (universities), Schools (K-12), Professional development	English	All	CC BY 3.0	Courses
93		PhET Interactive Simulations, http://phet.colorado.edu	National	Schools (K12) & HE	English, Translated into 66 languages	simulations for teaching science and math	CC BY and CC GNU General Public License	Digital assets (simulations)
94		Wikiversity, http://www.wikiversity.org	International	All sectors	10 languages	All	CC BY-SA	Digital assets
95		Wikibooks, http://www.wikibooks.org	International	All sectors	10 languages	All	CC BY-SA	Open-content textbooks collection
96		iTunesU, http://www.apple.com/uk/educati on/itunes-u	International	College & HE	Multilingual	All	Some CC	Digital assets, Courses
97		YouTube EDU, http://www.youtube.com/educatio n	International	all sectors	Multilingual	All	YouTube licence or CC	Videos
98		Project Gutenberg , http://www.gutenberg.org	International	All sectors	English, Portuguese, Dutch	All	<u>e-books are free in</u> the United States. They may not be	Free e-books (including textbooks)

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
							free of copyright in other countries.	
99		Connexions, http://cnx.org	International consortium	All sectors	Multilingual	All	СС ВҮ	Digital assets (learning objects, small knowledge chunks, textbooks, journal articles, etc.)
100	Vietnam	Vietnam Open Educational Resources (VOER), http://www.voer.edu.vn	National	Schools, Lifelong learning		Various	CC BY 3.0	Digital assets
101	Continental	Learning Resource Exchange for schools, http://lreforschools.eun.org	European	All sectors	Multilingual	All	Mostly CC, some GNU General Public License version 2	Digital assets (mostly simulations)
102	Continental	Discover the COSMOS , http://portal.discoverthecosmos.eu	European	Schools	Multilingual	Sciences	Mostly CC BY-NC-SA	Digital assets (scenarios, lesson plans, students projects, animations, online tools and laboratories guidelines)
103	International	Open Science Resources (OSR) , http://www.osrportal.eu	European, Taiwan, US	All sectors	8 languages	Science subjects	Mostly CC BY-NC-SA	Digital assets
104	Continental	OpenScout , http://learn.openscout.net	European	HE & FE	24 languages	13 subjects in business and management education	CC BY-NC-SA 3.0	Digital assets (lectures, articles, videos, etc.)
105	Continental	MORIL, http://moril.eadtu.eu	European	Lifelong learning	9 languages	Many	Some CC	Digital assets
106	Continental	Europeana, http://www.europeana.eu/portal	European	All sectors	27 Languages	Cultural heritage	Some CC	Digital assets

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
107	Continental	OpenUpEd , a pan-European initiative around MOOCs, http://www.openuped.eu	European	HE	12 different languages	A wide variety of subjects	сс	61 courses
108	Continental	The openED course , http://www.open-ed.eu	European	HE	English <i>,</i> Greek	Business and Management Competencies in a Web2.0 World	CC BY-SA	Consists of 10 modules, each module lasting between 2-3 weeks
109	International	OCW, http://www.ocwconsortium.org; Open Study, http://openstudy.com	International consortium	HE	18 languages	All	Mostly CC	Courses
110	International	OERu , http://wikieducator.org/OER_unive rsity/Home	International consortium	HE	English	All	сс	Complete courses
111	International	Commonwealth of Learning (COL), http://www.col.org	International	FE & HE	English	All	Mostly CC	Courses and modules
112	International	WikiEducator, http://wikieducator.org	International	All sectors	English	Education, Professional Development, Health, e-learning and ICT	CC BY-SA	Digital assets
113	Multinational	OER4Schools, http://orbit.educ.cam.ac.uk/wiki/O ER4Schools	UK, Zambia, South Africa, Sub-Saharan Africa	Teacher training	English	Teacher Education	CC BY-SA, CC BY-NC	Units of resources
114	Multinational	TESSA, http://www.tessafrica.net	UK, sub- Saharan Africa	Teacher training	four languages	School-based teacher education and training	CC BY-SA	Modules
115	Multinational	Bridge to Success, http://b2s.aacc.edu	US, UK	Adult learners, FE & Schools	English	Skills development	CC BY-NC-SA	Two complete courses
116	Multinational	HEAT, http://www8.open.ac.uk/africa/he at	UK, Sub- Saharan Africa	Professional training - Health workers	English	Various subjects in Health	сс	13 modules equate to 450 hours of study time

No	Country	Initiative	Political Scale	Educational Level	Language	Subject	Licence	Size
117	Multinational	AgShare, http://www.oerafrica.org/agshare/ AgShareResources/tabid/1405/Def ault.aspx	US, OER Africa	HE, lifelong learning	English	Agriculture	Various CC	Modules, courses, digital assets
118	Multinational	Health Academics in Africa, http://www.oerafrica.org/healthpr oject/ProjectResources/tabid/976/ Default.aspx	US South Africa, Ghana	HE	English	Various subjects in Health	Various CC	Complete programmes
119		Virtual School for Latin America and the Caribbean, http://escuelapnud.org	Latin America and the Caribbean	HE	English, Spanish	Human Development, Democratic Governance, Crisis Prevention and Recovery	CC BY-NC-SA or CC BY-NC-ND	Complete courses each lasting 10-13 weeks
120	Continental	Virtual Campus of Public Health (CVSP, http://argentina.campusvirtualsp.o rg/); Red REA/OER (http://search.bvsalud.org/cvsp/in dex.php)	Latin America	Professional development	Portuguese, English, Spanish	Public Health	CVSP (CC-BY-NC), RedREA/OER (some use CC)	Digital assets (courses, case studies, images, articles)