



European Standards for Open Education and
Open Learning Resources
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EU-StORe

INVENTORY OF OPEN LEARNING RESOURCES

*Creating European standards for open education and open learning resources
Intellectual Output*

Partner 1- Lucian Blaga University of Sibiu

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<i>Project Partners</i>	<i>P1 Universitatea Lucian Blaga Din Sibiu (Romania)</i> <i>P2 University Paderborn – UPB (Germany)</i> <i>P3 Ingenious Knowledge – IK (Germany)</i> <i>P4 European Learning Network – ELN (United Kingdom)</i> <i>P5 Meath Partnership – MCRSDP (Ireland)</i> <i>P6 Libera Università Maria Ss. Assunta (Italy)</i> <i>P7 Università ta Malta (Malta)</i>

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OPEN LEARNING RESOURCES INVENTORY

Nr.	Organizations who offer OER	Country	Curriculum (what kind)	Learning outcomes	Short description of the contents	Licence	Where to find (URL)
1	Didactic.ro is the teachers community in Romania and the largest portal of educational resources in the country.	RO	Formal/informal/non-formal curriculum: lesson plans, exercises, extra-curricular activities, literary reviews or didactical materials, Romanian pre-university education teachers meet in the virtual office to exchange experiences and discuss the latest developments in the field of education or to announce events we organize. The portal offer lesson plans, tests and planning for teacher secondary from education, structured depending on subjects.	For teachers: improving teaching methodic For students: can find complete details on school competitions, topics and schedule of competitions and example of subjects for different exams	Romanian portal with the largest Educational resources for pre-universitary educational system , including technical and vocational education. There are more than half a million registered members and nearly 210,000 available resources.	No license	www.didactic.ro
2	Kosson-Community of experts who manage and distribute various resources, studies and documents of	RO	Informal curriculum to learn about the new techniques and technologies, to manage and communicate data, information, knowledge to the general public	Increasing the level of knowledge of the involved parties on open access publishing models, to support policy development for open access research,	The portal has several sections: archives, libraries scholarship projects, digital preservation, professional resources, know-how etc.	Ooo (open-source, open-content, open-access) Creative Commons Attribu-	www.kosson.ro

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	interest to librarians, curators, archivists, specialists of the sector eGovernment			government and cultural heritage, establishing a national infrastructure to support and facilitate growth in number of works with access to full text datasets and aggregate resources.		tion-NonCommercial-ShareAlike 3.0 Romania License	
3	iTeach online platform for teachers - an advanced "social networking" integrating facilities, current web technologies and services, to a single professionals categories	RO	proposes to create a virtual environment for advanced professional development of teachers integrating web 2.0 tools and specific features of virtual communities for information and training Online courses	To facilitate the exchange of experience, to develop distance teaching projects for socio-professional collaboration, for natural familiarity with new technologies. ITeach members have the opportunity to publish articles in journals such as Journal of Education, Elearning.Romania, EDICT, and others online publication iTeach.	Are available a number of online courses on iTeach platform, which aims to develop pedagogical skills and specialist teachers entered.	Need copyright permission	www.iteach.ro
4	educatieinmures	RO	Formal and informal curriculum,teaching materials, lessonplans, professional development, parents support	To help teachers to acquire innovative teaching strategies. Also, teachers are supported through training and continuing development For students, learning is facilitated, and, on the other hand, there are leisure activities proposed. For parents are offered models for	Teaching materials created and sent to teachers in Mures County. These materials are classified in various fields of education hoping to help all teachers, which are open to innovative teaching strategies. Materials for	Need copyright permission	www.educatieinmures.ro

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				leisure activities with children, but also to support children in solving homeworks	parents in order to sustain a better education		
5	Teaching College-Level Science and Engineering	USA	formal curriculum	For teachers: improving teaching methodic For students: learn about teaching process in higher education	Course about knowledge and skills necessary for teaching science and engineering in higher education. This course is designed for graduate students interested in an academic career, and anyone else interested in teaching. Readings and discussions include: teaching equations for understanding, designing exam and homework questions, incorporating histories of science, creating absorbing lectures, teaching for transfer, the evils of PowerPoint, and planning a course.	CCC	http://ocw.mit.edu/courses/chemistry/5-95j-teaching-college-level-science-and-engineering-spring-2009/index.htm
6	DidaTec	RO	The project seeks to improve the education and training process in the technical university education system by realising a complete and unitary programme for the initial and continuous training of the	1.To develop a "Standard quality for professors" and a "personal development plans" for university staff; 2. Acquisition of institutional competence, procedures and methodologies in	Training program in blended-learning, modern educational technologies and the use of ICT in teaching in Romania, dedicated exclusively for professors	Need Copyright permission	http://www.didatec.ro/default.aspx

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			academic staff. The programme is focused on integrating interactive teaching and learning techniques and IT&C among the professors' competences.	terms of organization, implementation and promotion of initial and continuing training programs;; 3. Teachers training to extend and successful use of teaching and learning techniques based on the support of ICT; 4. Increasing the professional development of beginner teachers by implementing a mentoring program;	from engineering field training		
7	Academic Earth	USA	Free online courses from the world's top universities	For students or other people who want to graduate or only to know more about a selected subject	More than 750 courses from top universities	copyright	http://academicearth.org/
8	1educat	RO	Formal curriculum It is an educational NGO which offers a wide range of courses in economics, social sciences, ICT, leisure, training, etc.	Some courses offer training in various trades. Other offers preparation for type testing language skills TOEFEL, Cambridge, GMAT etc., DALF. Other courses offer professional guidance	It is a portal that provides training, but also hosts electronic journals and books in the field of education. There are also posted, information about the providers and training programs that they offer	No specified	http://www.1educat.ro/
9	Alison	IRL	a five million-strong, global online learning community, filled with free, high-quality online education resources to help the people to develop essential, certified workplace skills	Is a free educational service to the individual user that allows Members to study interactive multimedia courseware and educational and training resources online	a global social enterprise dedicated to providing free certified education and workplace training skills to any individual, anywhere, anytime, on any subject over the web.	Need copyright permission	https://alison.com/company/about/

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10	Sistem Educational Informatizat	RO	Formal/Nonformal/informal Curriculum Educational System (SEI) is an initiative released in 2001 which aims at computerising the Romanian educational system. SEI is not an alternative to traditional teaching, but a complementary one	The main objective of SEI was to ensure equal access to all beneficiaries to a quality education system by introducing modern and IT standardized tools. The main objective was digital literacy of society. For this purpose were introduced digital tools (computer, educational software) pedagogical purpose in teaching and new teaching methods. Another key objective of the SEI was the use of information technology to support the educational system, allowing for better management and transparency in the organizational structures.	"Educational IT System" is a complex program initiated by the Ministry of Education in 2001, whose main objective is to support teaching and learning in secondary education with the latest IT technologies	Need copyright permission	http://portal.edu.ro/index.php
11	E-learning forum	RO	Formal curriculum, focused on developing an e-learning system theoretical resources and e-Learning solutions	The main objectives are: Needs analysis Design and instructional design Content development and of support materials. Specific training methods Specific competencies of actors in distance education Performance appraisal on elearning Management of Learning systems Evaluation of eLearning programs	The portal has several sections: resources, solutions, systems, events, forum	No specified	http://www.elearning-forum.ro/
12	Centrul pentru Inovare in educatie-TEHNE	RO	Informal/non-formal education Aim to support educational initiative through	Has a portfolio of projects and activities focused on different categories of education	Centre for Development and Innovation in Education is an organization	No specified	http://www.tehne.ro/programe/TIC_in_educatie_elearning.html

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			projects and programs, which cover non-formal education, curriculum development, education for democratic citizenship, through ICT, elearning, life-long-learning, in-service teacher training	participants: students, teachers, experts, consultants, researchers s.o.	working in education, while unrolling the elearning programs and projects, curriculum development, education for democratic citizenship, lifelong learning and continuing education of teachers.		
13.	UNESCO-COL Chair in Open Educational Resources (903), established in 2010 at Athabasca University (Canada)	Canada	Promote action at the institutional, national and international levels and link OER initiatives, practitioners and researchers internationally using the existing OER Community and the OER Network that may evolve into a network of networks	Promote action at the institutional, national and international levels and link OER initiatives, practitioners and researchers internationally using the existing OER Community and the OER Network that may evolve into a network of networks	Build on the OER Community and complement it with the creation of an international decentralized OER Network	CCC	http://www.unesco.org/en/university-twinning-and-networking/access-by-region/europe-and-north-america/canada/unesco-col-chair-in-open-educational-resources-903/
14.	Free to Learn. An Open Educational Resources Policy Development Guidebook for Community College Governance Officials, Hal Plotkin -PW	USA	Formal curriculum about OER	To improve the quality of teaching and learning while at the same time reducing costs imposed on students related to the purchase of expensive commercial textbooks and learning materials.	The content is representing by: - a Short History of OER -why So Little Attention from Higher Education Officials -improving the quality of teaching and learning through resource sharing and collaboration - ensuring quality -different types of OER - different needs - moving OER into the educational mainstream:	Creative Commons Attribution 3.0	http://blog.oer.sbctc.edu/2010/09/free-to-learn-guide.html

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					challenges and opportunities - OER Board level policy: initiating the Higher Education Governance		
15	OER Africa Building African Education Capacity through Openness	South Africa	Informal and non-formal curriculum to help teachers to create and adapt of OER in some thematic areas: agriculture, health, teacher education,	To establish dynamic networks of African OER practitioners by sensitizing and connecting like-minded educators – teachers, academics, trainers, and policy makers – to develop, share, and adapt OER to meet the education needs of African societies.	OER Africa plays a leading role in supporting higher education institutions across Africa in the development and use of OER to enhance teaching and learning.	http://creativecommons.org/licenses/by/3.0/	http://www.oerafrica.org/
16	Teachingwith outborders	USA	Formal/informal/non-formal Aims to enhance education globally by supporting teachers locally.	To help teachers to be connected with the resources they need to play a vital role in their classrooms and communities.	The portal has more sections, as follow: communities of practice, download resources, on-line courses (free and paid), OER, Voice of teachers (journal)	Creative Commons Attribution-NonCommercial-ShareAlike 3.0 License	http://teacherswithoutborders.org/page/online-courses
17	Temoa- Open Educational Resources Portal	Mexico	Formal/informal/nonformal curriculum for teachers Offer OER, Teaching experience and community research and diffusion	Provides a catalog of collections of OER documented through descriptive information cards to facilitate search, evaluation, selection and adoption of resources and learning materials. In addition, through the community of members of the academy fosters the incorporation of resources and teaching materials for learning activities.	Has more sections. Topics and Courses contain annotated lists of educational resources, search queries and learning activities. They can be shared, copied and re-organized. Educational Resource Providers are collections of educational resources that have been suggested by users	Creative Commons Attribution	http://www.temoa.info/

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18	OER@AVU	Pan African Inter-governmental Organization	Formal curriculum for African students	They offer a range variety of courses in English, French and Portuguese language to certificate students in different field as: Biology, Chemistry, ICT, Mathematics, Physics and Teacher Education	The portal hosts 219 text books available in English, French, and Portuguese which has contributed to increase the number of Africans that use, contextualize, share and disseminate existing as well as future academic content developed by the AVU. The portal also hosts 91 videos available.	Creative Commons Attribution	http://oer.avu.org
19	Lumen	USA	Informal/nonformal Curriculum for teachers and students	Help higher education and K-12 institutions use open educational resources effectively to eliminate textbook costs, broaden access to educational materials, and improve student success	The team collaborate with faculty members to design OER-based online courses that curate and map OER to learning outcomes. They provide ongoing faculty and platform support for OER-based courses and professional development around effective use of OER	Creative Commons Attribution	http://lumenlearning.com/
20	Learningpod	USA	Non-formal curriculum for teachers and students	For educators: Find and assign targeted practice sets ("pods") and track students' progress For students: Study for quizzes or tests by practicing questions online and get immediate feedback For publisher: Reach new audiences with your existing content and get custom practice apps.	Learningpod is the largest collection of questions for learning in the world. Anyone could publish or practice questions on any subject or exam.	Free use for members (become a member for free)	http://www.learningpod.com/
21	Coursera	Universities around the world	Coursera provides open, free education for everyone.	The website provides courses in a variety of areas, including Humanities,	Each course includes short video lectures on different topics and assignments to be	Accessible for free and some give the option to	https://www.coursera.org

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				Medicine, Biology, Social Sciences, Mathematics, Business, and Computer Science	submitted, usually on a weekly basis	pay a fee to join the "Signature Track."	
22	W3Schools	NO	Tutorials and references on web development	W3Schools is a web developers site, with tutorials and references on web development languages such as HTML, CSS, JavaScript, PHP, SQL, and JQuery, covering most aspects of web programming.	W3Schools has focus on simplicity, practicing easy and straightforward learning. We use simple code explanations, and illustrate how to use it. The tutorials starts from basic level, and moves all the way up to complete professional references.	W3Schools is completely free developers resource.	http://www.w3schools.com
23	Codecademy	USA	Online interactive platform that offers free coding classes.	Programming languages including Python, PHP, jQuery, JavaScript, and Ruby, as well as markup languages HTML and CSS	Each individual who joins has their own profile. To motivate users to participate, the site offers feedback, badges for completing exercises, as well as a function that keeps track of a user's total score and total day streak, and displays it to others. There are also CSS and HTML glossaries available within each tutorial. The site allows anyone to create and publish a new course using a Course Creator tool.	You have to login with your mail address	http://www.codecademy.com/

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24	MIT OpenCourse Ware	USA	MIT OpenCourseWare (MIT OCW) is an initiative of the Massachusetts Institute of Technology (MIT) to put all of the educational materials from its undergraduate- and graduate-level courses online, partly free and openly available to anyone, anywhere.	Some of the courses that are popular with the undergrad students includes- Introduction to Computer Science and Programming, Single Variable Calculus, Physics I: Classical Mechanics, Linear Algebra, Introduction to Computer Science and Programming, and others. MIT also offers in-depth courses about design, music theory and the fine arts.	Through OCW, educators improve courses and curricula, making their schools more effective; students find additional resources to help them succeed; and independent learners enrich their lives and use the content to tackle some of our world's most difficult challenges, including sustainable development, climate change, and cancer eradication.	You have to login	http://ocw.mit.edu
25	Open Yale Courses	USA	Open Yale Courses provides free and open access to a selection of introductory courses taught by distinguished teachers and scholars at Yale University. The aim of the project is to expand access to educational materials for all who wish to learn.	The project now includes 42 courses from a broad range of introductory courses taught at Yale college. There's a wide variety of humanities and sciences, from a philosophy class on death to an economics class on financial markets.	No course credit, degree, or certificate is available through the Open Yale Courses website. However, courses for Yale College credit are offered online through Yale Summer Online including OYC professors John Rogers and Craig Wright	Registration is not required	http://oyc.yale.edu/
26	Academic Earth	USA	Academic Earth was launched on the premise that everyone deserves access to a world-class education	In addition to our comprehensive collection of free online college courses, Academic Earth features an ongoing series of original videos. These videos tap into our belief that a great deal of learning happens outside the classroom in those unstructured moments when		Free Access	http://academicearth.org/

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				provocative questions are raised, debated, and sometimes answered.			
27	European Schoolnet Academy	BE	The Academy is a platform where you can learn about innovation in the school and classroom through online professional development courses for teachers in primary and secondary schools.	They will offer you an introduction to key concepts and ideas that are relevant to developing your practice and will provide you with the opportunity to discuss these ideas and share your experiences with your peers. We hope that by attending these courses and by engaging with your peers you will feel empowered and inspired to try out something new in your practice.	The two pilot courses that will start in 2014 cover two key areas of expertise of European Schoolnet and link into our project activities: Future Classroom Scenarios and STEM education.	Free of charge	http://www.europeanschoolnetacademy.eu
28	Biblioteca digitala ASE	RO	Formal curriculum for the students from Economic Studies Academy	Provides support for students in preparing material for going through and promoting subjects of the curriculum	Courses and books collection of exercises, problems, case studies, thesis, etc. in digital format	Free of charge	http://www.biblioteca-digitala.ase.ro/biblioteca/model/index2.asp
29	Open Educational Practices and Resources OLCOS Roadmap 2012	European Project	Open e-Learning Content Observatory Services (OLCOS) project carries out a set of activities that aim at fostering the creation, sharing and re-use of Open Educational Resources (OER) in Europe and beyond	OER wants to be an important element of policies that want to leverage education and life-long learning for the knowledge economy and society. In particular, OLCOS warns that delivering OER to the still dominant model of teacher centred knowledge transfer will have little effect on equipping teachers, students and workers with the com-	The road mapping work covers the following area-s: - Policies, institutional frameworks and business models; - Open Access and open content repositories; - Laboratories of open educational practices and resources	Creative Commons Attribution– NonCommercial– ShareAlike 2.5 License	http://www.olcos.org/cms/upload/docs/olcos_roadmap.pdf

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				petences, know- ledge and skills to participate success- fully in the know- ledge economy and society			
31	OER in Life Long Learning	South Korea	The paper aims to examine the main issues of OER as well as to share OER initiatives observed in Asia and Europe.	The publication could serve as a constructive foundation for understanding the current status of OER in lifelong learning as well as OER practices in Asia and Europe.	The study looks at the ways the global trend of opening and sharing the educational materials has affected the educational practices not only in North America but also in Asia and Europe, as well as considering what issues are being raised during the exploration and implementation of the OER.	Creative Commons Attribution- NonComme- rcial- NoDerivs 3.0 Unported License.	http://asemlllhub.org/fileadmin/www.asem.au.dk/publications/e-ASEM_OER_2014.pdf
32	Guidelines for Open Educational Resources (OER) in Higher Education	Vanc ouver , Cana da	The Guidelines outline key issues and make suggestions for integrating OER into higher education	Guidelines for governments , for higher education institutions, for academic staff, for student bodies and for quality assurance/accreditati on bodies and academic recognition bodies	The Guidelines is to encourage deci- sion makers in go- vernments and institutions to in- vest in the syste- matic production, adaptation and use of OER and to bring them into the mainstream of higher education in order to im- prove the quality of curricula and teaching and to reduce costs.	Any part of this document may be reproduced without permission but with attribution to the Commonwe alth of Learning. CC-BY-SA (share alike with attribution) http://creativecommons.org/licenses/by-sa/3.0	http://www.col.org/PublicationDocuments/Guidelines_OER_HE.pdf

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33	Free to learn An Open Educational Resources Policy Development Guidebook for Community College Governance Officials	Hal Plotkin, USA	A book about how to improve the Quality of Teaching and Learning through Resource Sharing and Collaboration	The guide seeks to change that by hel- ping higher educa- tion governance officials better un- derstand Open Edu- cational Resources and their benefits to students, faculty and institutions of hi- gher learning. The book offers an overview of OER, examines the latest developments in the field and ex- plores policy impli- cations for those charged with go- verning higher education.	Different Types of OER Meet Diffe- rent Needs Moving OER into the Edu- cational Main- stream:Challenges and Opportunities Passing a ProOER Board Level Poli- cy:Initiating the Higher Education Governance Conversation	content of this docu- ment is li- censed un- der a Crea- tive Com- mons Attri- bution 3.0 License. http://creati vecommons .org/license s/by/3.0/	https://wiki.creative commons.org/Free _to_Learn_Guide
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