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D1.6 ONLINE BEST PRACTICE AGGREGATOR

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Reviewers	Kai Zhang (Martel)

Abstract	The first version of the DEL4ALL Online Best Practice Aggregator is available at https://del4all.kmi.open.ac.uk/ , enabling the crowdsourcing of DEL projects and expertise to support the identification and showcasing of best practice and use cases. The portal will be refined throughout the project in line with input from the community and analysis within the project, with tools to explore the data according to project needs.
Keywords	DEL best practice, Crowdsourcing, DEL4ALL Technology vs. Education Matrix



Document Revision History

Version	Date	Description of change	List of contributor(s)
V0.1	22/07/2020	Abstract describing and linking to portal.	Allan Third (OU), Niaz Chowdhury (OU)
V0.2	05/08/2020	Expanded and reformatted text	Allan Third (OU)
V0.3	05/08/2020	Review	Kai Zhang (Martel)
V0.4	06/08/2020	Added screenshots	Allan Third (OU), Niaz Chowdhury (OU)

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Nature of the deliverable:		OTHER
Dissemination Level		
PU	Public, fully open, e.g. web	✓
CL	Classified, information as referred to in Commission Decision 2001/844/EC	
CO	Confidential to DEL4ALL project and Commission Services	

* R: Document, report (excluding the periodic and final reports)

DEM: Demonstrator, pilot, prototype, plan designs

DEC: Websites, patents filing, press & media actions, videos, etc.

OTHER: Software, technical diagram, etc.





1 DEL4ALL ONLINE BEST PRACTICE AGGREGATOR

In order to support and promote the research into, and development and adoption of, innovative educational technologies and pedagogies in Europe, the DEL4ALL project intends to identify and highlight best practices and use cases from the activities and experts with which the project engages. A key element of the process for identifying best practices is to consider both the capabilities of a particular technology and the learning contexts in which it has been, and could be, applied. The best use of technology in education relies on making use of it within the appropriate pedagogical frameworks, for the educational goals for which it can be effective.

A major effort in DEL4ALL is concerned with crowdsourcing data on the current DEL landscape, analysing the activities and expertise which exists in the field and sharing best practices and common (or potentially) common efforts between different stakeholders. The DEL4ALL Online Best Practice Aggregator will serve as the portal for these tasks, initially in supporting the crowdsourcing and with analyses and best practices proceeding as the crowdsourcing continues. The portal will provide sophisticated search and filtering tools based on the data collected in order to support easy access to the findings for all stakeholders.

The basis of aggregation is the collection of *actors* (stakeholders active in any aspect of DEL, whether research, development, use, or policy), *activities* (projects and initiatives using advanced technologies for education), the *technologies* they use or have expertise in, and the *learning contexts* in which they apply. These are represented according to the data model described, and motivated, in [1], and which underlies the DEL4ALL Technology vs. Education Matrix. The model has been designed to support analysis of the factors required or afforded by technologies and learning contexts for effective educational use. [Figure 1](#) shows screenshots of data entry and display for Learning Context, and [Figure 2](#) shows the same for Actor, as examples.

Learning Setting	Learning Activity	Pedagogical Framework	Learner Type(s)	Teacher Type(s)	Other Actor Type(s)
Distance higher education	Learning delivery	Blended learning	Adult	Higher education tutor	
Any formally-certified education	Certification of learning outcomes		Adult		Educational institutions, universities, certification authorities, companies.
Any formal education	Education policy, Content creation, Certification of learning outcomes		Adult		Policymakers, companies, education foundations

Figure 1: Demonstration of an input entry and its display in the *Learning Context* table.





Add a New Actor

Actors Full Name (required)

Description

Institution

Institution Type

Website

Role

Areas of Expertise

Technologies

1
 2
 3

Actor Full Name	Description	Institution	Institution Type	Website	Role	Areas of Expertise	Technologies	Learning Contexts
Alex Grech	Architect of nation state blockchain credentials project. Advisor to Minister for Education & Employment in Malta (now Minister for Foreign Affairs). Looking at developing digital education platforms for African teachers.	SCL		https://connectediaarning.edu.mt/	Higher education teacher, Researcher	Digital Literacies, New Media, Social Sciences, Educational platforms		3
Sabine Kolvenbach		Fraunhofer FIT	Research institute	https://www.ft.fraunhofer.de/	Researcher			2

Figure 2: Demonstration of an input entry and its display in the Actor table.

The first version of the DEL4ALL Online Best Practice Aggregator is available at <https://del4all.kmi.open.ac.uk/>, enabling the crowdsourcing of DEL projects and expertise to support the identification and showcasing of best practice and use cases. The portal will be refined throughout the project in line with input from the community and analysis within the project, with tools to explore the data according to project needs.





REFERENCES

- [1] Allan Third, Alex Grech, and Sabine Kolvenbach, DEL4ALL D1.1 Technology vs. Education Matrix, <https://www.del4all.eu/download/d1-1-del4all-technology-vs-education-matrix/>

