

Introduction of the topics and the speakers of the Diploma Supplement network kick-off seminar 28.5.2024

European Digital Credentials and the DS

Ildiko Mazar

During her 25+ years of professional practice in the field of open education and e-learning, Ildiko has observed and engaged in policy dialogues, professional academic collaborations, and practice exchange, actively contributing to the modernisation of European Higher Education and education technology in general. Since the late nineties she has had direct and close experience with how European and global technological trends and strategic priorities flow and shift, and how (EU) policies and public funding mechanisms evolve to respond to these changes. Over the years Ildiko has mastered how to collaborate successfully across sectors, borders and cultures, and has built a wide professional network of HE practitioners, decision makers and European Commission officials. Thanks to her own non-traditional journey to professional accomplishment, through predominantly non-formal and informal learning, she is particularly passionate about informed and transparent knowledge, skill and competence recognition. In the past 5 years she has been focusing mostly on supporting the development and uptake of innovative solutions in the fields of competence development and digital (micro-)credentialing, more specifically the European Learning Model and European Digital Credentials for Learning.

Short Description of EDC and the DS presentation

What do European Digital Credentials and Diploma Supplements have in common? Most importantly, both standards aim to provide a common framework to describe a person's learning outcomes, and individual study components, and foster the recognition of academic qualifications. This can help reduce the administrative burden faced by many institutions, as well as support citizens' access to employment and further study opportunities in their home countries and abroad.

The [Diploma Supplement](#), a well-known standard document since 2007, provides information that makes it easier for employers and education and training providers to understand a person's qualification. It is produced by higher education institutions according to standards agreed by the European Commission, the Council of Europe and the United Nations Educational, Scientific and Cultural Organization (UNESCO), and it is part of the Europass framework transparency tool. The European Learning Model ([ELM](#)), and its application in [European Digital Credentials for Learning \(EDC\)](#) launched in October 2021, provides the first unitary and comprehensive data model across the European Education Area to allow the structured documentation of information about learning, that in turn facilitates credential transparency, portability and comparability. Available in 29 languages, and consisting of over 480 properties, the ELM allows for the capture and validation of all learning related data, including not only higher education, but also non-formal and informal learning.

This presentation will show and explain how traditional Diploma Supplements (DS) can be digitised in an ELM-compliant way, and be issued quickly and conveniently by higher education institutions to their graduates in the European Higher Education Area (EHEA).

Kateryna Suprun

is an Education Consultant for the World Bank projects in Ukraine, and a Doctoral Researcher in Administrative Studies at Tampere University. Prior to this, Kateryna worked as a civil servant at the Ministry of Education and Science of Ukraine and represented Ukraine in the Bologna Follow-Up Group and several European Commission Working Groups. Following her work at the Ministry of Education and Science of Ukraine on higher education and digital transformation, she

coordinated the launch of digital educational credentials in Ukraine. She has been involved in managing the portfolio of national projects on digitalization of higher education services, deploying digital tools for universities in times of emergency, and facilitating digital tools for recognition of qualifications. Kateryna holds a joint Master of Sciences in Research and Innovation from Osnabrueck University of Applied Sciences / Danube University Krems (Erasmus Mundus Joint Masters Programme in Research and Innovation in Higher Education, MARIHE).

Andrii Piskun

is a Component Leader on e-services in the EU4DigitalUA project and a Senior Expert in the DT4UA project at e-Governance Academy. Prior to that, he was responsible for the establishment, development and implementation of the Vulyk Information System in Ukraine within the EGOV4UKRAINE project. Additionally, he was one of the organisers of the Forum of IT Directors of the Ukrainian Public Sector. Before joining eGA, he was an advisor to the Head of the State Agency for E-Governance of Ukraine for more than 3 years. Andrii has more than 15 years of experience in designing the development, implementation and support of information systems of various complexity tiers and aggregation of authority. Andrii is also experienced in company management, for both governmental (previously, he headed the Ukrainian E-Health Centre and the Ukrainian National Centre for E-Governance Support) and private companies specialized in information technologies. Andrii graduated from the Military Institute of Telecommunications and Information of the National Technical University of Ukraine (Kyiv Polytechnic Institute) with the Master's Degree as an Engineer Mathematician and Military Tactician Officer, under the "Software Support to Automated Systems" specialty.

Kateryna and Andrii will talk about the latest developments in Ukraine on digital transformation of educational credentials with the help of the **Diia** digital wallet. They will share the outcomes of launching the e-document on education and elaborate on the ongoing work for digitalization of Diploma Supplement.

Ladok

Anna Sandberg Telléus works for the national Swedish Ladok Consortium, which is responsible for the operation and development of Ladok. Ladok is a system that supports universities in educational administrative processes. It documents students' participation, results, and degrees within higher education. Ladok is used for studies at all levels, including preparatory level, undergraduate level, advanced level, and doctoral level. Anna works in the team developing functionality for degree processing. She is the team product manager, and is thereby responsible for prioritizing what development is to be made in this area. She is employed by the University of Gothenburg, where she previously worked as a degree officer. Anna holds a degree in Informatics from Växjö University.

Anna will talk about the recent development of an improved and further digitized process of degrees and diploma supplements in Sweden, where all information in this is saved digitally when the decision is made in Ladok. This changes the focus from the document to the digital decision, and the document (that will still be available) is merely a representation of the digital decision.

Tor Fridell, M. Sc. in Computer Science and Engineering. Currently Head of Student Information System at Linköping University and coordinator for international affairs for the national Swedish Ladok Consortium. Previous jobs include Operations manager for the Ladok Consortium, IS manager for Linköping Institute of Technology, and programmer. Tor has been employed by the

university since 1996. Tor has long been involved in international cooperation regarding exchange of student data and is also active in standards work and development of student information systems. Tor has been President of the European Campus Card Association and Chairman of the National Swedish Standards Committee SIS TK450, the national body for CEN TC 353, working with Learning Technologies. Tor has been involved in the EMREX project since the start and is also active in development of student information systems. Tor is currently Chair of the EMREX User Group Executive Committee.

Tor will talk about Emrex, which is a system for transferring educational credits in general. It could be between universities but also used in admission, recognition, recruitment systems etc. It is very easy to implement and is in use in a number of countries today. The relations between neighboring systems like Europass, Erasmus Without paper and data formats like ELMO and ELM will also be covered.