

Diia: digital educational credentials in Ukraine

Digital Education Regulars

14 February 2024







721 DAYS OF russian WAR IN UKRAINE



- over 3428 education facilities damaged
- ca. 365 education facilities destroyed completely
- 523 children died, more than 1218 injured
- over 8 million of externally displaced people
- approx. **7** million of internally displaced people

































































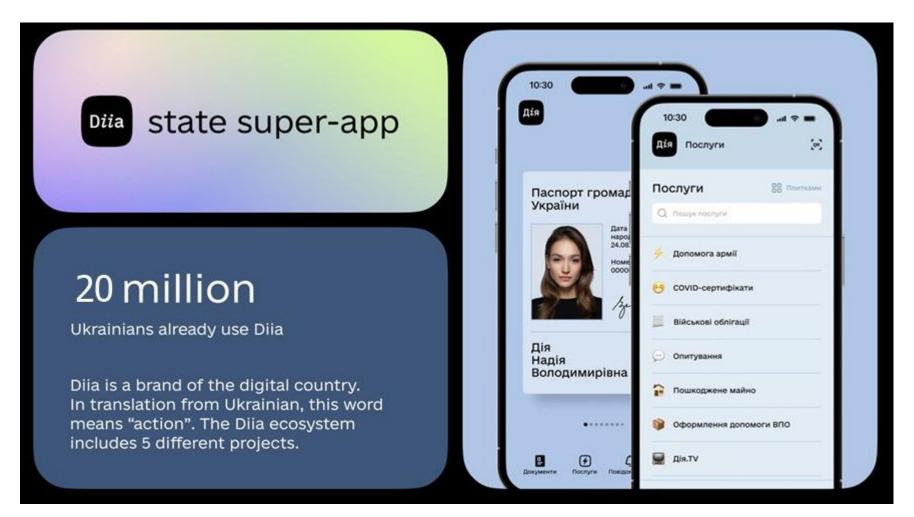








Diia: digital breakthrough with public services



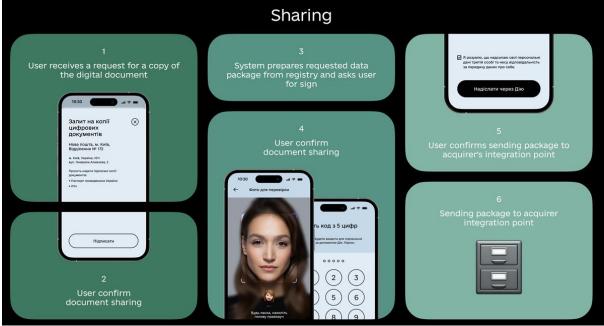






Unified approach for easy use











Personal IDs at arm's length









Diia success: 2023 user numbers

11+ million documents shared through Diia

7+ million uses of Diia. Signature

2.5+ million military bonds purchased by Diia users worth 2.6+ billion UAH

241,000+ internally displaced persons used Diia service

229,000+ automatic registrations of private entrepreneurs

187,000 replacements of driver's license

176,000+ cars share services activated

119,000 uses of YeMalyatko service (newborn services)

48,000+ applications for construction services submitted (war renovations)

UAH 31+ million returned deposits in bankrupt banks



Source: Atlantic Council, 2023







Focus on data ownership





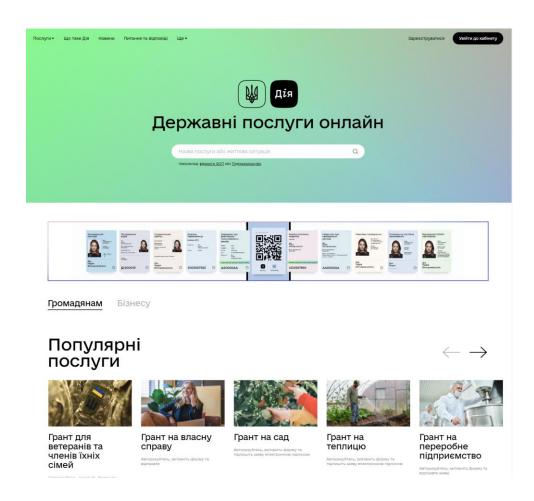




Diia: mobile app + web-portal



14 e-documents 30 + e-services



150+ e-services up to 9 mln provided e-services in 2023







What's in the background

State Registers.

Basic: 7 registers
Others registers and systems

Interoperability.

Trembita system - System of electronic interaction of state electronic information resources https://trembita.gov.ua/

трембіта

E-identification.

IDGOVUA - Integrated electronic identification system

https://id.gov.ua/



Rules and knowledge, studies.

Competence center + CDTO campus: standards, guidelines, reusable tools, knowledge base, learning

https://www.cdto-campus.com/









Educational documents: scope of impact

School: 22,7M (EQF 2-3)



VET: 4,2M (EQF 4)



Colleges: 0,02M (EQF 5)



HighEd: 15,2M (EQF 5-8)









Pre-launch demo







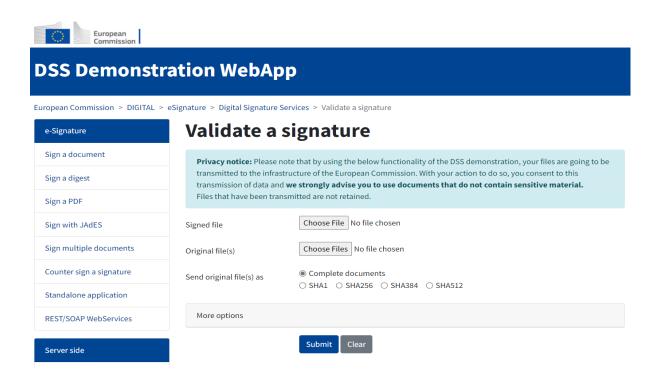




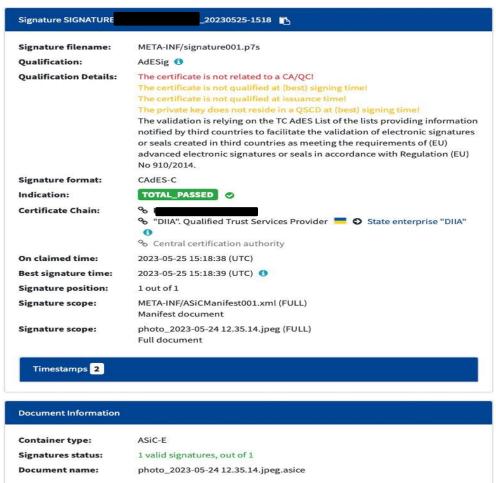




Diia. Signature compliance with eIDAS standards



Validation of electronic signatures and indication if they are Advanced electronic Signatures (AdES), AdES supported by a Qualified Certificate (AdES/QC) or a Qualified electronic Signature (QES). Validation against the EU MS Trusted Lists and third country Trusted Lists with voluntary-based AdES recognition.

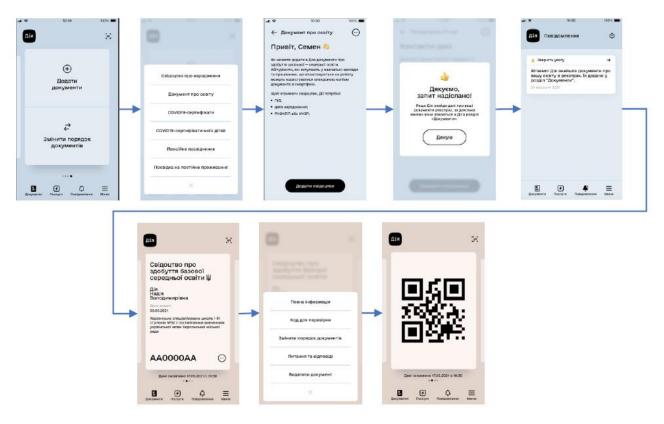








User experience: input phase



Submission of data by applicants (2 minutes):

- ☐ Log in to Diia
- ☐ Select 'Add document'
- Confirm search for documents available using 3 identifies - full name, date of birth, and tax number – that are automatically pre-filled for you
- Documents found with the above identifiers are downloaded to the Diia's folder 'Documents'
- ☐ Information on educational documents can be retrieved from Diia within 2 months, after which it can still be requested unlimited number of times, if needed







Inter-agency cooperation

- ✓ Partner commitment (spring 2022): e-Governance Academy support to develop e-services on educational documents in Ukraine
- ✓ Identification phase (spring-summer 2022): concept and technical consultations among MoES, MinDigital, Inforesurs, Diia, eGA clarity on needs and limitations of the digital solutions (i.e., underaged personal data, authentication, incomplete data)
- Legal enactment (fall 2022): <u>by-law</u> on digital educational documents supported by the Government
- ✓ Data collation (winter 2023): cross-check between EDEBO (educational documents) and State Tax Service (tax data) to populate EDEBO with clean data on tax number as the user identifier
- ✓ Software development (in progress)







Digital architecture to support recognition of Ukrainian qualifications

Implemented

- <u>EDEBO register</u> of educational documents issued by Ukrainian educational institutions
- EDEBO service for self-eliciting information on partial qualifications and issued by Ukrainian educational institutions educational documents

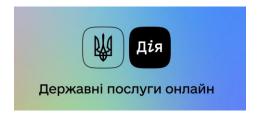
<u>Presentation</u> of existing tools

<u>Video recording</u> on explaining existing tools



To be launched

- E-documents on education in Diia mobile app & Diia government services portal
- Digital diploma supplement
- All-in-one e-document on education
- Sharing educational credentials (incl. to other countries)









Further steps for enhancing recognition of Ukrainian qualifications

European Digital Credentials for Learning (EDCs):

- legal-normative reengineering for sharable and verifiable credentials
- interoperability scenario: Trust Service Provider seal / eIDAS
- Qualifications Dataset Register
- European Learning Model

DC4EU - European Digital Identity Wallet pilot:

- Ministry of Education and Science of Ukraine & Ministry of Digital Transformation
- pilot cases on education & social security



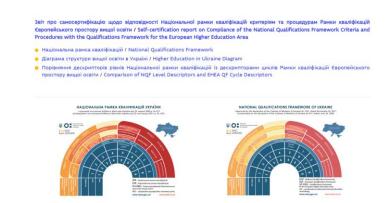






Some resources to support recognition of Ukrainian qualifications







European Commission, CIMEA, ENIC Ukraine, Ministry of Education and Science of Ukraine (2022). <u>Guidelines on fast-track recognition of Ukrainian academic qualifications</u>

Ministry of Education and Science of Ukraine – <u>National Qualifications</u>
<u>Framework</u> (incl. <u>self-certification</u>
<u>report</u> to QF EHEA)

European Commission, CIMEA, ENIC Ukraine, Ministry of Education and Science of Ukraine (2022). Online training for fast track recognition of Ukrainian academic qualifications

Thank you!



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