

E-Register of Asset Declarations of Public Officials

Unified State Register of Declarations of Persons Authorized to Perform the Functions of the State or Local Self-Government



<https://public.nazk.gov.ua>



Purpose of the Register:

to ensure the incompatibility of public service and corruption



Dates of launch:

launched in 2016, updated in 2020



Number of users:

over 1,450,000 registered users



Number of documents:

6,692,446 documents as of 29.11.21



Target groups:

- public officials (state top-management, civil servants, heads of state enterprises and local government officials) who submit declarations
- civic activists, journalists, citizens who monitor declared assets
- the NACP that controls the submission and verifies declarations
- other state bodies including law-enforcement agencies

Paragraph 5, Article 8 of the UN Convention against Corruption:

“Each State Party shall endeavour, where appropriate and in accordance with the fundamental principles of its domestic law, to establish measures and systems requiring public officials to make declarations to appropriate authorities regarding, inter alia, their outside activities, employment, investments, assets and substantial gifts or benefits from which a conflict of interest may result with respect to their functions as public officials”.

Description

Since it was introduced four years ago, the E-register of Asset Declarations of Public Officials went a long way to become one of the most advanced state IT solutions that revolutionized the anti-corruption system in Ukraine. The idea at that time seemed overly ambitious, but thanks to Ukraine's International partners, efforts, and dedication of specialists of the National Agency on Corruption Prevention (NACP), today the E-register is the biggest global database on the assets of public officials. With 1,450,000 users registered on the platform, an analytical LAC module of verifying the information with 17 registers and public API, the system doesn't have any analogs in the world.

The e-declaration online dataset contains in 16 sections:

- information on declarant and his/her family members
- information on assets, revenue, expenses, cars, movable and immovable property, corporate rights, beneficial ownership, bank accounts
- information on monetary assets (cash, bank deposits, precious metals, etc.) if their total value exceeds the threshold set by law (in 2021 - UAH 113,500 (EUR 3,776))

There are 4 types of declarations and notification on substantial changes in property status.

Key features:

- **Public control** - the public part of the system is open to everyone. It means that public organizations, mass media, journalists, and the general public can get acquainted with the information, conduct their investigations based on documents from the register. A voter can check the candidates and see how their assets have changed over time.
- **Prevention and Counteraction** - information from the register may be used to prevent and punish corruption offenses under Criminal Code of Ukraine, Articles 368-5 (Illegal Enrichment) and 366-2 (Declaration of Inaccurate Information), as well as civil forfeiture of illegally acquired assets. Article 368-5 of CCU provides liability for intentional failure to submit an e-declaration, Article 172-6 of the Code on Administrative Offenses - liability for late submission of an e-declaration without good reason.
- **Different access levels** - the Register consists of public and private interfaces, with respective databases, information security systems and user support. The public register gives access to all data except personal information (dates of birth, tax codes, addresses). The register also has a public and private API that enables synchronization with other systems and development of tools for civic control based on the public data from the Register.
- **Automatic functionality** - verification LAC module automatically exchanges data with secure communication channels of 17 registers and databases of other bodies. The system automatically distributes reports with results of LAC verification among responsible NACP employees for final check in accordance with the procedure, the LAC module provides NACP employees with complete data needed to verify information in declarations.

Technical features:

- In 2020, the NACP launched a modernized Register in its own data center built on DELL server equipment and a hyperconverged virtualization environment based on RedHat products to ensure its secure and sustainable work. The following software tools and technologies were used in the implementation of the Register: CentOS, RHEL, PostgreSQL, nginx, PHP, Redis, RabbitMQ, ElasticSearch, Logstash, Kibana. The Register also uses NoSQL for the ELK stack, and the following virtualization software: Red Hat OpenStack Platform, Red Hat Ceph Storage, Red Hat Ansible Automation. The system hardware includes more than 5 TB of RAM, 786 physical processor cores, more than 20 TB of disk space, including high-speed SSDs.
- Development period: 1 year for the registry itself and 6 months for integration.
- Development budget: UAH 62 million for hardware, UAH 5.6 million for software, UAH 1.5 million for complex system of information protection certificate.
- Support budget: UAH 5-6 million annually for software support including adjustments and improvements in accordance with the legislation.
- Plans for further development: implementation of mechanisms to simplify filling out and submission of E-declarations (automatic pre-filling and check).

Development partners (first version, updated version developed with the state budget):

- the UNDP in Ukraine <https://www.ua.undp.org>

Development providers:

- The state enterprise "Ukrainian Special Systems" <https://uss.gov.ua/en/>
- Finport Technologic Inc. <http://www.finport.com.ua/en/index.html>



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