

Slovenian Twinning Projects in the field of digitalization

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TITLE: Twinning Projects in the field of digitalization

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Europe Regional Initiative:

- ☒ EUR1: Broadband infrastructure, broadcasting and spectrum management
- ☒ EUR2: A citizen-centric approach to building services for national administrations
- ☐ EUR3: Accessibility, affordability and skills development for all to ensure digital inclusion and sustainable development
- ☒ EUR4: Enhancing trust and confidence in the use of information and communication technologies
- ☒ EUR5: ICT-centric innovation ecosystems

Year(s) of implementation: [Tick the relevant boxes or delete the irrelevant items] ☐ 2018 ☒ 2019 ☒ 2020 ☒ 2021



Background

Slovenia systematically develops a series of measures and activities to promote digital transformation of the government, economy and society. The initiative "Slovenia, a green reference country in a digital Europe" is aimed at improving the quality of people's lives and creating new business opportunities. Slovenia offers within its Twinning projects opportunities for using modern digital technologies to enable a higher quality of life and green and inclusive growth. A model of cooperation between business, science and public administration (state) in the introduction of modern digital solutions, introduction of new technologies into public systems: Slovenia can become a reference model for other countries.

Slovenia can offer the following twinning projects to the public: introduction of legislation in the field of information society, Slovenian Digital Coalition, solutions in the framework of broadband infrastructure, services and solutions in the context of cyber security, 5G technology, blockchain solutions for common issues and the Internet of Things, solutions for digital identity and trust services, data analytics and large data challenges, open data, e-Government and big-data analytics.

Slovenia willingly offers assistance to other countries, in 2018 Slovenia collaborated with Serbia and Montenegro on their negotiations with the EU in the field of information society, e-government and electronic communications. To achieve the set goals there is coordinated cooperation between the National Agency for Communication Networks and Services of the Slovenia, the Administration of the Slovenia for Protection and Rescue, the Center for Response to Security Incidents and MPA.

Slovenia has the number of references in Twinning projects, such as digital government reforms and digitization, strategic emphasis on digitization in the development of the EU public administration, good practices and



knowledge dissemination, eGovernment portal for citizens, new electronic communications act, privacy in electronic communications, broadband connection, implementation of the 112 system (emergency) and the establishment of CSIRT.

Proposal

Electronic communications legislation, spectrum management, universal service, Internet neutrality, privacy of information, service quality, roaming regulation.

e-Privacy legislation (regulation of data exchange, cookies, data flow), legislation on e-Identity and custodian services (management of cross-border recognition of digital identities).

In the framework of broadband infrastructure, we can prepare the NGN2020 Strategy, verification of commercial interest in the construction of broadband networks in areas where operators do not have a commercial interest in the construction, public tenders for construction with public funds, mapping the electronic communications infrastructure for checks and rational investments in the infrastructure.

Establishment of a national ecosystem to ensure information security (Cyber Security Authority, CSIRT...), adoption of the Information Security Act /implementation of the EU NIS Directive, projects in the field of information security.

Slovenia is among the first countries to open the frequency band between 3,400 - 3,800MHz and 700MHz for commercial use for testing purposes. Pilot projects for the establishment of 5G, Rescue of public accidents - PPDR - pilot project with a national ecosystem and international cross-border cooperation.



Supporting local communities and cities with a public Internet platform to improve public infrastructure management. New sensor networks based on IP, 3G, 4G, 5G, LPWanAN, NB-IoT Implementation of sensor networks, usage cases, services.

To enhance trust in e-Services we can provide the guidelines to introduce or improve the use of digital identity of citizens and businesses (user-friendly, mobile, secure). Slovenia can share experience on centralized solutions, like authentication, e-signature, time stamp, e-delivery.

Slovenia can prepare guidelines on data analytic central warehouse system and big data pilots sharing our experiences improving decision making process and optimization on all levels.

Presentations of internationally awarded solutions and concepts for safe, reliable and flexible data exchange between institutions, based on the set of smart central building blocks.

Slovenia can explain how to create modern services for citizens to lower costs and to provide public services in centrally. This is a major contribution to the citizens, who do not need to look for services on various websites of public authorities.

Slovenia can prepare directions for the establishment of a government computer cloud as a logical whole of support infrastructure, hardware, and computer software in public administration.

Using open data, Slovenia is among the trendsetters in the EU (7th place in EU) and has experience in the concept of the open data network of editors, training, skills for public employees and cooperation with universities.

