

# BULGARIA

## 2023 Digital Public Administration factsheets

### Annex 1. Selection of Topics: 2023

#### INTEROPERABILITY & INTEROPERABLE PUBLIC SERVICES



##### Cross-border interoperability

The Bulgarian National Interoperability Framework (BNIF) contributes to the delivery of public services in Bulgaria by fostering cross-border, cross-sector and cross-organisation interoperability. In addition to the BNIF, the Law on Electronic Document and Electronic Signature complements the framework by: (i) setting the foundations for cross-border and inter-sector framework for secure, reliable, and easy to use electronic transactions in the internal market; (ii) creating the legal framework for the development of digital infrastructure, facilitating cross-border access to eGovernment services; and (iii) promoting the exchange of best practices as to the implementation of cross-border services.



##### Reuse of solutions

The Architecture of eGovernment, approved by Order No. DAEU-5040, represents an integral element of the eGovernment policy implementation. The strategic document aims to foster, among others, the use of horizontal systems and shared resources by public administrative bodies; the use of mechanisms for the implementation, coordination and control of the eGovernment architecture; the application of common standards in the design, development, and implementation of IT solutions. Within this framework, the Portal for Developers provides and manages access to resources for the development of eGovernment software systems, information and communication technologies and the implementation of electronic services, enabling the reuse of existing software codes and components and/or knowledge in new software development.

#### INNOVATIVE USE OF TECHNOLOGIES BY THE PUBLIC SECTOR



##### Artificial Intelligence (AI)

The Concept for the creation of Artificial Intelligence (AI) in Bulgaria by 2030 provides the vision for AI development and use in Bulgaria, following the strategic priorities set by the European Commission. The main goal of the concept document is to convey the efforts into the development and implementation of AI systems by creating scientific, entrepreneurial, and managerial capacity at national level. Concerning sector-specific programmes, the Ministry of Education and Science is currently working on an Action Plan for Artificial Intelligence in Education and Science. The plan aims to support the development of specific digital skills and the use of innovative technologies.



### Data spaces and Smart Data Platforms

Bulgaria started developing several data spaces and data platforms. As an example of data spaces, in November 2022, the first [Urban Data Space](#) was officially launched. The space allows organisations to share and access data for developing new business products and improving urban services. Regarding data platforms, the [iSofMap](#) is an application providing services in the field of geodesy, cadastre, urban planning and geographic information system. It is a commercial company owned by the Sofia Municipality.



### Data exchanges with and within public administrations

The government is working on the drafting of a national Data Strategy as well as the transposition of the [Directive \(EU\) 2019/1024](#) on open data and the re-use of public sector information at national level. The transposition represents an important milestone for Bulgaria as the national approach to data sharing is currently part of the different strategies of ministries such as the Ministry of eGovernment and the Ministry of Transport. At present, the [RegIX](#), the [Open Data](#) and the [National Spatial Data Portal](#) represent channels for mutual access to the datasets maintained by public authorities, providing users with the information as well as the statutory services to work with them.