# Commonwealth of Independent States Geoportal

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**Abstract:**

One of the priority projects of the Council on Geodesy, Cartography, Cadastre and Earth Remote Sensing of the Commonwealth of Independent States (CIS) is the creation of a Geoportal of CIS countries by 2025.

At the 44th session of the Council in 2022, the mapping authorities of CIS-countries endorsed the use of the "Unified Digital Platform "National Spatial Data System" (NSDS) (developed by Rosreestr), as a framework for the exchange of basic spatial data and thematic sets of open-use spatial data.

CIS Geoportal based on NSDS will comprise of spatial data, first of all precise and authoritative official maps, and spatial data-based services, developed for businesses (spatial data for investors), individuals and communities (information for tourists, data on leading educational institutions, etc.).

The Geoportal will provide:

search, collection, creation, storage, processing, provision and dissemination of spatial data;

information interaction, including information exchange, between the Geoportal, state and other information systems, state and other information resources of the CIS member states;

functioning of electronic services related to the use of spatial data, as well as programs for computers and databases that support spatial data analysis, data-based reporting and analytics.

The prototype of the Geoportal, which will be presented at the International Cartographic Conference in Cape Town, will demonstrate the services created as a result of the exchange of open geospatial data between mapping agencies in thematic areas: tourism, cultural facilities, investments.

Introducing the CIS Geoportal prototype to the professional community aims at both sharing first results and discussing its possible integration with national and international spatial resources, both official and commercial.

In addition to the technical results achieved, the report will present the main organizational principles of the project and the mechanisms of interaction of participants, which could be replicated by organizations and government agencies that are involved in the implementation of similar international initiatives.