

Armenia

Cadastre Committee of the Republic of Armenia

Transforming Armenia’s spatial data for a digital era

“Reliable geospatial data is a key pillar of modern governance. Without accurate spatial information, effective planning, transparent land administration, and evidence-based policymaking become impossible. In this regard, EuroGeographics plays a vital role in strengthening European cooperation, ensuring interoperability, and promoting trusted authoritative data that supports sustainable development and cross-border decision-making.”

Suren Tovmasyan

Head of the Cadastre Committee of the Republic of Armenia

Armenia is strengthening its national approach to modern geographic information management, establishing a stronger foundation for digital governance and decision-making.

With the aim of ensuring the spatial data continuous development, The Government of the Republic of Armenia has approved 2026–2031 five-year programme to ensure the continuous development of spatial data. The initiative focuses on systematic governance and effective development in line with the requirements of the modern digital economy.

The programme was developed by the Cadastre Committee and includes both the strategic directions for the spatial data development and an action plan ensuring its implementation, defining the implementation mechanisms, the competencies of responsible authorities, and the periods, in accordance with the Spatial Data and Geodetic and Cartographic Activities laws.

Within the framework of the previous strategy, continuous and targeted work has been carried out on the creation, digitisation, standardisation of base cartographic layers, and integration of the National Spatial Data Infrastructure into the geospatial portal. Multi-scale base cartographic layers of Yerevan — including hydrography, road network, and relief — have been digitised, standardised, and uploaded to the national geoportal. Additionally, in areas covered by orthophoto, base cartographic layers of the regions of the Republic of Armenia (hydrography and multi-scale road network, relief) have been digitised and integrated in accordance with the requirements of Government Decision No. 1569-N, 6 October 2022 ‘On Approval of the List of Base and Thematic Spatial Data and their Standardisation Guidelines in the National Spatial Data Infrastructure of the Republic of Armenia’.

The programme also provides for the periodic updating, quality enhancement, and further development of the base cartographic layers, ensuring their compliance with modern technological solutions, the evolving needs of the sphere, and the functional capabilities of the national geoportal.

In collaboration with the Asian Development Bank and Italian partners, work is being carried out on the creation of the new national geoportal and the integration of existing spatial layers. Implementation is in its final phase and is scheduled for commissioning in 2026. The geoportal will operate on modern technological solutions, providing enhanced functional capabilities, new toolkits, and efficient, centralised, and manageable use of spatial data.

The established base cartographic layers will constitute a foundational framework for the development of thematic spatial layers and the further development of the sphere.



More information:
<https://cadastre.am/en>

