

Romania EU Land Regulation Standards

The Romanian government is implementing a Land Parcel Information System/Integrated Administration and Control System (LPIS/IACS) based on ESRI's ArcGIS Server software. The implementation is expected to meet stringent European Union (EU) agricultural land regulations, which is essential for the country's admission to the EU.

ESRI's ArcGIS Server and GAF AG's LaFIS, an agricultural information and decision support system, will be installed in the country's agency of payments and interventions in agriculture (APIA), including its 210 local offices.

A large percentage of Romania's population is actively involved in agriculture. In the first phase, only authorised employees from the 210 local offices will have access to the LPIS system. A dedicated geoportal for use by the general public will later be integrated into the system architecture, providing access for farmers to register online for subsidies.

Historically, Romania has had a very complex agricultural environment in which to develop modern farming methods. Farmers often own or work a number of small, noncontiguous parcels of land. There are approximately 2.5 million agricultural plots farmed by more than 1.5 million people in the country. It is estimated that the LPIS system will handle about 1.5 million subsidy claims per year and will manage about 755,000 claimants.

A consortium of companies including SIVCO Romania, ABG Ster-Projekt, GAF AG, ESRI Romania S.R.L., and the Romanian Space Agency (ROSA) will cooperate to develop the server-based architecture for the LPIS/IACS IT system.

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