

The Geofoncier Portal: From Data to Collaboration, A Model Serving Land Management and International Partnership

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SUMMARY

Created in 2010 by the Ordre des Géomètres-Experts (French Council of Chartered Surveyors), Géofoncier was born from a simple ambition: to centralize, structure, and disseminate land data produced by surveyors across France.

Over fifteen years, the portal has evolved far beyond a mere data repository — becoming a true collaborative platform between public and private land stakeholders, and an inspiring model for other countries.

1. A Foundation Built on Transparency and Data Sharing

Surveyors in France are required to record all their land interventions in Géofoncier.

The metadata, made publicly accessible in accordance with the European INSPIRE directive, enhance transparency and trust in land information.

This professional sharing dynamic marked the first step toward digital collaboration within the surveying community.

2. The Unified Land Reference (RFU): A Visible Innovation Serving Citizens

Each intervention generates a *Référentiel Foncier Unifié* (RFU): a high-precision geospatial dataset (centimetric accuracy) guaranteeing property boundaries.

This infrastructure, jointly developed with the Cadastre and the National Institute of Geographic and Forest Information (IGN), illustrates a successful public-private partnership for effective land

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management.

This model of co-construction between institutions and private professionals serves as an inspiration for countries aiming to strengthen the reliability and continuity of their land data.

3. Collaborative Platforms Serving Professionals and Institutional Partners

- e-DA, developed with the Direction Générale des Finances Publiques, supports the modernization of cadastral mapping with surveyors and cadastral services.
- GEODELIM, designed for local authorities, facilitates the drafting and publication of road alignment orders for the benefit of citizens.
- TABELIO, the result of collaboration between surveyors and notaries, provides a comprehensive parcel report within minutes — bringing together all land and regulatory information.

These tools demonstrate Géofoncier’s ability to build bridges between land and real-estate professions.

4. A Shared International Ambition

Building on this unique experience, the Ordre des Géomètres-Experts now seeks to share its expertise and land governance model with other professional organizations worldwide.

Data structuring, public-private cooperation, and the implementation of collaborative digital services can all contribute to stronger land policies, the protection of property rights, and sustainable territorial management.

Conclusion

Over fifteen years, Géofoncier has become France’s national reference for land information and a unique model serving citizens.

This success is grounded in a simple conviction:

“Land data only have value when they are shared, updated, and collectively used.”

The Ordre des Géomètres-Experts aims to open this model to international cooperation —

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co-developing with its partners digital land tools and services tailored to local contexts, in order to build together a secure and sustainable digital land ecosystem.

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