

Géofoncier : a G.I.S Website Application for Protecting Land Management

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SUMMARY

Géofoncier is an innovative web and mobile application developed by the order of expert surveyors.

Géofoncier is a model for organizing the cartography of France and the cadastre, which combines the aspects of archiving, conservation and digitization of land documents.

This geographic information system is a set of services that aims to improve the legal security of land rights and allow better protection for landowners.

It offers a digital application that allows each expert surveyor to increase a database by inserting demarcation actions and divisions of cadastral parcels in order to give landowners the possibility of storing and consulting data on parcels, lots or agricultural land, their location and their characteristics such as the realization of a previous demarcation, the location in coordinates in Lambert projection (official conformal conical projection of France) of the terminals of a land. In addition, it provides a joint tool for everything related to the implementation of the cadastre and the land register.

The implementation of this land data management system is an approach that is central to the action of Géofoncier. Geofoncier is a tool that allows citizens, communities and the administration to make informed choices for their exploitation/use of land property and thus be an aid to land development.

The Geofoncier plays an essential archiving role for future generations. It provides historical and public data on the cadastre, property plans and real estate plots. It thus allows local authorities and individuals to have access to this information and thus actively participates in the legal security of

rights.

This tool developed by expert surveyors will make it possible to:

- Develop a partnership between public administration and private surveyors
- To assure fellow citizens of the need for a high degree of qualification of expert surveyors
- To reassure the administration and the citizen in the context of a possible privatization of the cadastre
- To offer legal certainty of the limits of the property.

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