



Our projects



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Small talk



Luc Groot, new regional manager since May 2023

“Together with the Kadaster International team, I will work on improving land registration and ownership to strengthen economic growth, food security, nature conservation and poverty reduction. I will be responsible for establishing and implementing projects in Asia with our partners. Earlier I worked in Brussels and Hanoi (Vietnam) as a public affairs manager, business developer and advisor in several organisations, focusing on agricultural development.”

Empowering Community Award for Colombia project

Kadaster proudly received the Geospatial World ‘Empowering Community Award’. From the jury report: “By cooperating with Colombian-Dutch governmental institutions, academia, and the commercial sector to develop the needed technologies and train local communities, Kadaster has simplified land administration processes and empowered farmers and indigenous communities. The project has directly impacted the land administration at a local and national level. The Colombian National Land Agency has implemented the Fit-for-Purpose approach to update municipal cadastres in several regions. Many grassroots surveyors have supported cadastral actualization activities in different parts of the country, and several indigenous youngsters were trained to support their community.”



**2-4 October 2023, Deventer, the Netherlands
FIG Commission 7 annual meeting
Digital transformation for responsible land administration**

The International Federation of Surveyors’ (FIG) Commission 7 on Cadastre and Land Management is famous for its annual meetings. They are a content rich and premier event for global land administration specialists to network, exchange experience, and collaborate. This year, along with ITC Faculty, University of Twente, Kadaster is looking forward to hosting the event in the beautiful historic river-side city of Deventer, the Netherlands. Put the dates in your calendar!



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Towards more effective land administration in South Africa



The Dutch embassy in Pretoria asked Kadaster to work with South African government agencies and local organisations to develop and test an effective land registration methodology.

The Department of Agriculture, Land Reform and Rural Development (DALRRD) and Kadaster aim to develop a Fit-For-Purpose methodology to record unregistered land rights. As part of this project, Kadaster undertook an alignment mission to South Africa from 22 to 28 March.



Input from multiple stakeholders

We identified possible pilot areas with stakeholders and held a first workshop on the methodology to integrate and combine different data for a centralised system of land administration. To ensure the pilot is as representative as possible, we sought input from multiple stakeholders, including DALRRD, the Dutch embassy in Pretoria and local NGOs.

Project aims

- We support DALRRD in exploring a prototype for a land information system by:
1. strengthening the institutional capacity of DALRRD as the responsible authority for land administration, agriculture and spatial planning;
 2. finding a methodology to map unregistered land rights;
 3. designing a visualisation of a combined system for the cadastral map and land registry;
 4. involving communities and farm dwellers to understand their situation and needs regarding land rights and the agricultural use of the land.

The project will run until the end of 2024 and is made possible with funding of the Dutch Enterprise Agency (RVO).

Christelle van den Berg
regional manager Africa



Editorial

Welcome to the first printed Abroad of 2023!

With our current involvement in 16 projects spanning the globe, there is plenty to share. In this edition, we introduce new projects in South Africa and Togo; show how we support knowledge exchange on the use of geospatial data; and share about our efforts on enhancing indigenous land rights in Brazil. As always, we update you about important strategic and innovative developments from our work in the Netherlands. This time on how to improve the obstacle registration in Dutch airspace.

Also, we are very pleased to announce and welcome you to the FIG Commission 7 Annual Meeting. Together with ITC, Faculty of the University of Twente, we will host the event from 2 to 4 October in the Netherlands. Will we see you there?

In the meantime, stay connected and subscribe to our quarterly digital newsletter. Or check the project pages on our website.

Paula Dijkstra | Director Kadaster International

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The power of institutional collaboration in Togo

The population in Togo is growing fast, like in other West African countries. For this reason, the Togolese government is working to secure sufficient food production in Togo. In August 2022, the Ministries of Urbanism, Agriculture, Finance and Spatial planning started a 4-year land reform programme in order to accelerate agricultural productivity (LRAP). The programme is financed by the United States of America through the Millennium Challenge Cooperation (MCC). Technical support is provided by a consortium of VNG international, Cadasta Foundation, WILDAF and Kadaster.



Increase investment

The main objective of the land reform programme is to improve the security of land tenure with the aim to increase investment in the agricultural sector. In the current situation, only few land parcels have been formally registered in Togo. Information about land is not easily accessible for those who need the information.

A common view

The Togolese government is ambitious regarding land reform, however, an overall vision on how to obtain an integrated and nationwide land administration is still lacking. Therefore, in May 2023, Kadaster and its consortium partners organised a strategic workshop about the power of institutional collaboration for the four ministries involved in the LRAP programme. Keywords during this workshop were interoperability and standards, like the Land Administration Domain Model. The result of the workshop was synergy between the four ministries: a first step was made towards a common view on the development of land administration in Togo.



 **Christelle van den Berg**
regional manager Africa

Recognising Brazilian indigenous land rights

The Brazilian 1988 Constitution accomplished an important innovation: it gave indigenous people the original rights over their land back. Based on this legislation, until 2017, around 435 areas

with a total of 105 million hectares were given back to indigenous people. But there are at least 247 new areas, under threat of invasion, to be regularised for different ethical groups.

Large impact

The secretary of Indigenous Territories Eunice Kerexu, from the newly created Indigenous Ministry, stated: "We are in high need of international assistance, with new technologies, with an integrated and adequate methodology, to clarify and give back land rights to the indigenous people. An activity like this can have a very large impact on the improvement of the wellbeing of the indigenous people and on the protection of the Amazon forest".

 **Bastiaan Reydon**
advisor Latin-America

Improve process

Kadaster took part in a technical trade mission and met with partners like the Instituto Governança de Terras, the Dutch embassy in Brazil, the University of Pará, and the Global Land Alliance. Part of the discussions were project opportunities from USAID and Brazilian funds to empower and improve the indigenous land recognition process.



How to improve the obstacle registration in Dutch airspace

Flight safety in the Netherlands Flight Information Region (FIR) is a big challenge for a densely populated and economically active country like the Netherlands. To support efforts, the web application Verbeter de Luchtvaartkaart (VDLK) was launched in April 2023. Anyone can report obstacles higher than 15 metres which are not published on an aeronautical chart, such as wind turbines and light masts. This allows pilots to plan and navigate with the most up-to-date information.

Airforce, Aviation Police and ANWB Medical Air Assistance. Apart from the use by aircrafts and helicopters of these organisations, the map is also of interest to all other users of the Dutch airspace, including the growing drone-user community.

Safety

In the past, there have been two accidents involving Royal Netherlands Airforce helicopters. This sparked the Dutch Safety Board to prepare a report. This revealed, among other things, that the mapping material involved was not up-to-date. With VDLK, Defence is doing everything possible to prevent such accidents.

Map for all users of Dutch airspace

Kadaster developed the platform on behalf of the Defence Geographical Agency, together with the Royal Netherlands

Solid and usable product

Frank Tierloff, chair of the Kadaster board, is enthusiastic: "This cooperation has been very constructive. The Defence Geographical Agency and Kadaster have continuously strengthened and complemented each other, resulting in a solid and usable product. Besides providing reliable insight, increasing the timeliness and completeness of the data are an added value for flight safety within Dutch airspace."



web application

Knowledge exchange on mass valuation and sales price registers in Banja Luka

In April 2023, Kadaster organised a workshop in Banja Luka, capital of the Serbian Republic, one of the two state entities of Bosnia & Herzegovina. This workshop was part of the SPATIAL II project, in which Kadaster supports 8 sister organisations from 6 countries on the Western Balkan on topics where the use of geospatial data plays a big role. In this case the topics of mass valuation of real estate and sales prices register.

mass valuation and sales price register, as they have the task to develop and execute this process on the national level.


International examples of mass valuation

Based on the needs and interests of GARS and the other participants, international examples of mass valuation were presented during the workshop. The Dutch perspective was provided by Kadaster and the Chamber for Real Estate Assessment, while experts from Sweden, Denmark and Brazil shared the details of their national solutions. Based on these examples, there was a lively discussion between the participants on different topics, e.g. the

Albanian delegation was interested in the amount of geo-variables that can be used as input for mass valuation, while Serbia raised the issue of working with the right national partners in the implementation of the real estate tax policy.

Increase transparency

In general, all participants aim to increase transparency in the availability of geo-information and to reduce practices that could lead to corruption.

 **Haico van der Vegt**
regional manager Europe

Request for support

The Republic Administration for Geodetic and Property Affairs (GARS), together with colleagues from Serbia, Albania and the Federation of Bosnia & Herzegovina, expressed interest in getting support on the themes of

