



abroad

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Strengthening Professional Access To Information About Land (SPATIAL) in the Western Balkans

The countries of the Western Balkan have the ambition to improve geospatial information harmonisation. The use of reliable and authoritative geospatial information will make policy and decision-making more efficient, and society will benefit from the transparency. Since 2017, Kadaster has been supporting its colleagues in the Western Balkan region to strengthen their professional access to information about land through this SPATIAL project: 8 agencies of 6 countries participated.

More than 20 regional workshops were organised in which each of the participating organisations shared their experiences and knowledge on the selected theme of the workshop. Kadaster facilitated round table discussions and the definition of quick wins and actions for each organisation. The workshops, with over 240 participants, have strengthened the regional network, creating better understandings of the addressed topics.

The cooperation between the Agency for Real Estate Cadastre (AREC) of North Macedonia and Kadaster focused on three topics: implementation of the National Spatial Data Infrastructure (NSDI) Strategy; development of the Address Registry; and updating of the Topographic Maps. The cooperation between the Republic Geodetic Authority (RGA) of Serbia and Kadaster focused on drafting the NSDI strategy and legislation; support for mass property valuation; strengthening institutional and organisational capacity on Open Data, Key Registers; and becoming a more service oriented organisation. For Bosnia–Herzegovina, Kosovo, Montenegro and Albania emphasis was placed on understanding the organisational and technological state-



of-play. This was achieved through organising regional workshops, focussing on themes related to spatial data.

After 27 months, we have a good understanding of the status of all 8 agencies, their needs and their wishes for future cooperation with the Netherlands. The aim is to continue the cooperation and further strengthen professional access to information about land at both national and regional level.

| Paula Dijkstra

Successful FIG Working Week in Hanoi

This year the FIG Working Week was hosted by the Vietnamese Association of Geodesy, Cartography and Remote Sensing. The event provided ample time to discuss latest developments in surveying, mapping and cadastre. Kadaster was well represented and fully engaged across the whole week, contributing papers, chairing sessions, and engaging in the dialogue. Fit for Purpose, Land Administration Domain Model, 3D Cadastres, Smart Cities, and geo-information applications featured prominently on the agenda. In addition, Kadaster actively contributes to various commissions, most notably 3, 7, 8 and the International Office for Cadastre and Land Records (OICRF). The commission work plans were presented and approved by



the general assembly. Furthermore, a task force on Sustainable Development Goals (SDGs) was launched to focus on how the SDGs relate to the surveying profession. Next year, 10-14 May 2020, we will welcome the FIG community to Amsterdam. At the closing ceremony, the FIG flag was handed over to the Local Organising Committee of

Amsterdam 2020, led by our colleague Paula Dijkstra. We look forward to welcoming you all next year, where 'Smart Surveyors for Land and Water Management' can familiarise with the Dutch surveying profession.

| Marije Louwsma

Post-disaster 'mapathon' for Mozambique



In March 2019 Hurricane Idai, the deadliest storm to hit Mozambique in the last 30 years, devastated important parts of the Mozambican infrastructure. An effective

aid campaign will only be possible with the availability of reliable maps of the affected areas.

That's why the International Red Cross made a 'Missing Maps' appeal to the world. Several Kadaster employees used their free time to update the maps of the flooded areas, made available by the Humanitarian OpenStreetMap community.

Kadaster is involved in a land administration project in the city of Beira. This city was hit

first and is badly damaged. Fortunately, all produced data was saved thanks to periodic backups. The city hall, the project rooms and related equipment however were severely damaged. Kadaster is supporting the municipality of Beira in the needed reconstruction of the city hall. Together with all Dutch partners in this project, other project implications and related measures will be investigated.

| Martien Tomberg

Quality management tool for European topo maps

Kadaster is member of EuroGeographics, a European cooperation of National Mapping and Cadastral Agencies. The members, 63 organisations from 47 countries, jointly produce several pan-European products with uniform specifications. One of these products is the EuroRegionalMap (ERM): a digital, topographical map at scale 1:250.000, updated annually.

Each country produces the ERM of its own territory as a derivation of the national topographic maps. Kadaster is one out of five Regional Coordinators of ERM. This means that Kadaster coordinates the annual updating of ERM in its region and merges the data to one dataset for 10 countries: Belarus, Belgium, Czech Republic, Germany, Luxemburg, Poland, Slovakia, Slovenia, Switzerland and The Netherlands.

Next to this, Kadaster performs the Quality Management of ERM for all member countries. For this task Kadaster has developed a

quality management tool. With this tool, countries can validate their ERM data before submitting them to the Regional Coordinators. More than half of the countries already use the newly developed tool. The feedback is positive and some countries even have adapted the tool to validate their national topographic data as well.



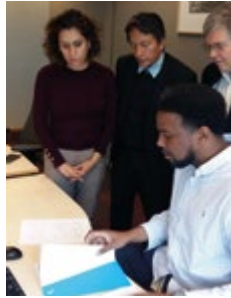
| Marieke Kuijer

Study visit to Kadaster by Brazilian cadastral authorities

Experts from the Brazilian city of Campinas and the Secretaria de Receita Federal visited Kadaster across April. The Secretaria da Receita Federal, part of the Finances Ministry, is responsible for managing federal taxes. They integrate information about people and enterprises. For land taxes, Receita Federal took part in a project of integrating their information with data of the Registration Offices and the INCRA (Rural Land Reform and Cadastre Institution), thus georeferencing 70% of the country surface in terms of land ownership.

The next step for Receita Federal is to integrate the mapped urban information of all 558 municipalities with all other available information. This is a challenge: Brazil does not have one nationwide land administration system, but many decentralized systems. The purpose of the study visit was to prepare a pilot for SINTER, the new integrated cadastral system in Campinas, Belo Horizonte and Fortaleza; cities with good urban cadastres.

During the study visit, Kadaster shared experiences about the land administration process, property valuation and taxation, and the national spatial data infrastructure.



| Bastiaan Reydon

Optimising cadastral data collection in Benin



The African country of Benin is ambitiously aiming to reach cadastral coverage of the whole country within two years. In March 2019 l'Agence du Domaine et du Foncier (ANDF), in partnership with Kadaster, commenced the first pilot testing new methodologies for optimising the process of cadastral data collection. The methodology should be fast, affordable and good-enough to meet the needs of all in society. In the pilot, taking place in Tori-Bossito (Southern Benin), a configuration of Emlid Reach GNSS rovers and base, combined with the MapIT GIS app, is being tested. Besides selecting the most appropriate equipment, we also design the optimal method of involving land owners, users, and key community stakeholders: inclusiveness will be key in the new methodology. Besides a methodology that fits the purpose for individual parcels, the pilot will reveal a realistic understanding of time and costs required to scale-up the approach for all of Benin.

| Christelle van den Berg



EDITORIAL

Cadastral Integrity

It is often said to me that I am privileged to work for one of the best cadastral organisations in the world. I don't know if that is true and I don't exactly know what that means either. I tend to confirm this with statements like 'every square metre is mapped in The Netherlands', or 'the response time of our IT systems is within seconds'. This may be true, but does that determine the quality of a cadastre?

Okay, it helps. But the real measurement of performance is probably more in the level of trust by citizens. This is where we enter in an array of more difficult words like integrity, good governance or corruption. This is also when it gets more difficult to find the right statements, to prove excellent performance. Even by saying you are doing right, you might suggest you have something to hide. And how can you be so sure about the integrity of the organisation you are working for? Can you determine your own level of corruption or integrity anyway? I see very few examples in the world of people that are able to do so. This leaves us with more difficult questions.

The best argument I can find is that I often have to explain at a birthday party what a cadastre is actually doing. Dutch people having property, being owners of real estate or land, often have no clue and do not even realise that land registration is at the basis of our prosperity and democratic society. That's right - 100% trust (or blind faith) in the government. Sounds great! But is this convincing enough? Does this show our integrity? I am afraid cadastral integrity is a bit like a good marriage: it is a verb, not a noun. It requires continuous checks and balances, full transparency to society and the guts to ask for feedback.

| Kees de Zeeuw, Director Kadaster International

Dutch Land-at-scale program launched

Fair distribution of land is recognised as an important condition for achieving the UN Sustainable Development Goals. This is why Dutch minister Sigrid Kaag (Foreign Trade and Development Cooperation) has launched the Land-at-scale program. This program will run for 6 years with substantial goals and a budget to match. Dutch embassies around the world may submit proposals for projects that seek to contribute to better land governance. In many cases this includes setting up or improving land administration systems. Dutch and foreign NGOs, academics, private companies and public organisations may take part. The program considers gender equality and the position of indigenous people and minorities as important

ingredients for good land governance. To stress this aspect of Land-at-scale, a mobile Women's Land Rights expo was developed and presented at the launch of Land-at-scale. This exposition is available at Kadaster.

| Ernst Peter Oosterbroek



Letter-of-Intent signed in Vietnam



During the Economic Trade Mission of the Dutch Prime Minister Mark Rutte to Vietnam, a Letter of Intent was signed between the two countries. The intended Vietnamese-Dutch cooperation in the field of land consolidation and land information management has the objective to further unlock the land potential in Vietnam for sustainable and climate smart agricultural development. The next step will be to define specific projects and clear targets.

| Christelle van den Berg

Small Talk

Interested in visiting Kadaster and exchange information? Study Visit 2.0 launched

Kadaster International presents a new opportunity for professionals involved in Land Administration to strengthen Institutional capacity by exchange of knowledge and experience in an international setting. In September 2019 we will organise an Open Study Visit in the Netherlands. Professionals from different countries can participate in a dedicated one-week programme in which national and international aspects of Kadaster will be shared. A great opportunity to exchange information with our experts and those from other international organisations.

For detailed information about programme, location, registration and fee, please consult our website www.kadaster.com or contact us via international.study tours@kadaster.nl

Bhutan develops a National Land Use Zoning Plan

Bhutan is a small and mountainous country located between India and China. Rugged terrain means limited arable land and results in calls for sustainable and prudent use of the scarce land resource for developmental activities. The National Land Commission (NLC) in Bhutan asked Kadaster International to support them in the development of a National Land Use Zoning Plan. The two years cooperation started with a fact finding mission in May 2019.

Land Administration Forum joins efforts with 2nd Arab Land Conference

After a successful Arab Land Conference in Dubai in February 2018, the Arab Land Initiative is planning a 2nd Conference. As a side effect of this initiative the Jordan Department of Land and Survey decided to cancel its preparations for a High Level Land Administration Forum and instead support the organisation of the 2nd Arab Land Conference. The conference is planned for February 2020 and will attract around 500 professionals from business, government and academia. The country to host the conference will be selected in the coming months.

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SAVE THE DATE



WORKING WEEK 2020
10 – 14 MAY

Smart surveyors for land and water management

