

Digital Transformation in Land Administration: Kadaster's Experiences in the Netherlands and Abroad

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SUMMARY

Strong frameworks for land administration and geo-information are vital in societal challenges. These societal challenges are becoming more complex and interrelated due to globalisation. This also asks National Mapping, Cadastre and Land Registry Agencies worldwide to modernize and live up to the challenges ahead. Digital transformation has played a major role in the Netherlands' Cadastre, Land Registry and Mapping Agency (Kadaster) to tackle societal challenges as climate change, risk disaster management, environmental pollution and fostering economic development. And lessons learnt have also been used in its international advisory work and knowledge exchange for example in development of National Spatial Data infrastructures, automatic feature extraction for topographic mapping, use of Artificial intelligence for the land registry or cadastral boundaries, but also e-service development for citizens.

In this session Kadaster will share its innovation journey in the past years, changing societal challenges, and its efforts to deal with these changes. Also a short recap of last year's efforts in international projects and digital innovations will be shared. Finally, Kadaster will explain the endless possibilities with a strong government data infrastructure and the importance of cooperation with private sector and citizens to keep on innovation in the land sector. The session will be concluded with an interactive session on opportunities towards 2030 to work towards innovative and strong land administration worldwide and the digital solutions we need to develop, invest in and share amongst us to make it happen.

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