

Megatrends

Define what we do, how we do things and what is possible to do The digital transformation



Globalization



Urbanization



Technological advancement

New business ecosystems



Climate change



Individualization



Knowledge-based society



Diversity and pluralism

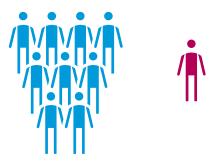


Agenda 2030

Challenges

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Individuals/land excluded from formal system



Financial and human resources constraints



Paper-based systems



Unsustainable custom-made systems



Change management failures



Costly one-off digitalization



Data in silos and weak interoperability



Unlocking the Benefits of Technology and SaaS

Solution Attributes		Customer Benefits
Cloud-based	 "As-a-service" delivery model Scalable architecture Ubiquitous access Flexibility in hosting 	 Reduced up-front investment Faster time-to-deployment Facilitates data sharing Reduced risk Ability to expand storage and processing capability Data security Can be hosted on-site or in public or private cloud
Modular architecture	 Embedded capabilities Highly configurable Global/shared platform Accept flexibility in data source Capable of swift evolution 	 Customer begins with head-start Increased ability to deal with change Shares cost/knowledge across customer base Allow for differing levels of data completeness and quality Quickly absorb new types of data (e.g. 2D -> 3D) Reduced upgrade costs and re-engineering work Resilient to architecture erosion
Configurable evolutionary services		Trusted collaboration for sustainable systems and services
Leverage domain expertise		De-risk capacity constraints

Built-in Evolution

BIM 3D/4D representation Automated change Blockchain detection **Automated feature** Big Data extraction Automated AI/AR generalization

Configurable evolutionary systems and services for sustainable land administration

