Land administration for people - profit - planet

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Outline

- Kadaster
- 12 trends in land administration
- People – Profit – Planet and SDI
- Land administration and sustainable development
- Examples of new services
- Conclusion

Kadaster services

Land Survey
Land Registration
Land Consolidation
Mapping
Triangular Reference Network
Information Services

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- Advisory services, sharing knowledge
- Promote value of Land Administration
- Consultancy and international cooperation
- In partnership with World Bank, UN, EU, NLgov, …
- Integration of geographical structures (Eulis / Inspire)

12 trends

Technology push / demand pull

- Mature information infrastructure
- Dynamic process models
- 3D/4D space and time administration
- Parcel design applications
- More than traditional rights, restrictions and responsibilities
- Faster and more direct updating by actors
- International seamless registration
- Formalised semantic web-based content
- Mobile applications
- Monitoring applications
- Community driven cadastral mapping
- OpenCadastreMap
People - Profit – Planet
in SDI

Ego-information
People

Econ-information
Profit

Geo-information
Planet

Tools for good governance

Land administration & sustainable development
The Netherlands

People - Profit - Planet
Sustainable development

Good governance

E-governement

Spatially enabled society

Spatial Data Infrastructure
System of key registers

Land Administration

National Policy
GIDEON

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Examples of new services
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- Location based services
- Kadaster dash-board
- Chain integration

Example 1: Location based services

- Office ➤ Internet ➤ Location based services
- Augmented reality
- Crowd sourcing
- Cloud computing

Examples:
- Cadastral information
- Border pole spotting
Example 2: Kadaster Dashboard

Example 3: Chain integration
Conclusion

- Trends in LA: Push & Pull
- New products and services in LA
- Think in contributing to sustainable development
- “People – Profit – Planet” in balance
- Information infrastructure in balance with P-P-P
Thank you!