

Preparing Kadaster for the future

and contribute to sustainable economic development

The Netherlands

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Overview

- Kadaster and sustainable development
- Staying fit
- User demand orientation
- New products and services
- International context
- Into the future





Kadaster & sustainable development

Fit for Purpose?

Cost, quality and time

Yes, but:

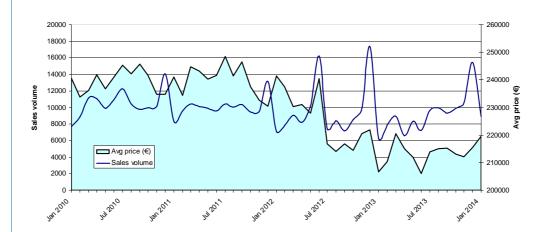
- Staying fit
- The purpose is dynamic
- Sustainable development
- Economics change



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Economic context



Number of houses sold in the Netherlands in relation to the average price at a monthly basis (January 2010 – January 2014)

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Staying fit Developments

- Technology changes
 - Automation and cost reduction
 - Remote Sensing and sensors
 - Cloud computing
- Society changes
 - New sustainable business models
 - Crowd sourcing (sharing)
- The context changes
 - International context

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Staying fit User demand orientation











2012

2014

Post 2015

- Registration
- Data collection
- ?

- Mapping
- Information services

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New products and services

- Data collection
- Information services
- International cooperation



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Data collection – UAV experiment



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Data collection: Automatic generalisation



(1:10.000 to 1:50.000 topographic map) Lumpur, Malaysia, 16 – 21 June 2014

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Data collection - SPLITS

- Preliminary boundaries
- Notaries
- Online GIS creating provisionally boundaries
- Direct new parcel creation
- Checked and measured by Kadaster



Data collection - Small innovations

"100% of innovation is caused by frustration: not by good market analyses"

(ref.: Tom Peters)



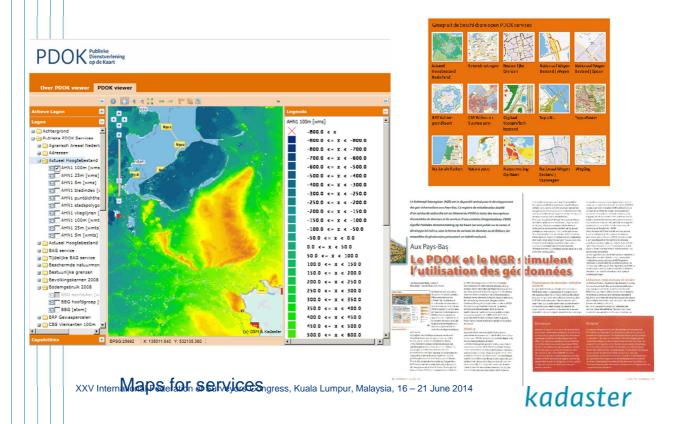




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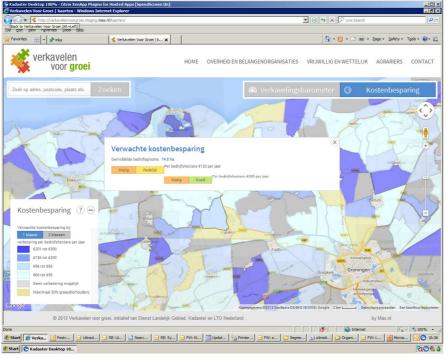
Information services - PDOK



Information services - Cables and pipes



Information services - Land reallotment



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International context



- At a cost recovery basis
- Capacity building
 - Peer to peer networks
- Influencing
 - Standardisation and infrastructures

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International projects 2013

Consultancy in countries:

- Rwanda
- Lesotho
- Namibia
- Antilles / Caribbean Netherlands
- Suriname
- Romania
- Macedonia
- Croatia
- Turkey
- Kosovo
- Vietnam
- Azerbaijan
- Guatemala
- Honduras
- Horiduras
- Egypt
- Greece
- Kirgizia
- Montenegro
- Uganda
- Bahrain
- Cape Verdean Islands
- Ukraine
- Ghana

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Study tours from (e.g.):

- Egypt
- China
- Bhutar
- Cape Verdean Islands
- Honduras
- UAE
- South-Africa
- Romania
- Ethiopia
-





Into the future

- Staying fit for evolving purposes
 - Technology push
 - Community driven
- New business models
 - Open data policy
 - The crowd and the cloud
 - Sharing (government, business, science)
- Embracing the international context

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