



Business models in the context of E-Land Administration

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Impact of investments in ICT

- Efficiency:
 - lower cost prices
 - process design and workflowmanagement
- Effectiveness:
 - better customer satisfaction
 - new products and good service
- Revitalised organisations

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Investments in ICT application

- FIG Commission Enschede 2003
- FIG Commission 7 Madison 2005
- Dutch Kadaster:

year	expenses	ICT costs	contracting out	ICT staff perm	ICT staff temp
2005	223.3	57.4	23.3	359	43
2006	236.9	57.3	36.4	347	57
2007	258.9	62.8	61.1	275	83
2008	254.8	62.2	60.2	265	97

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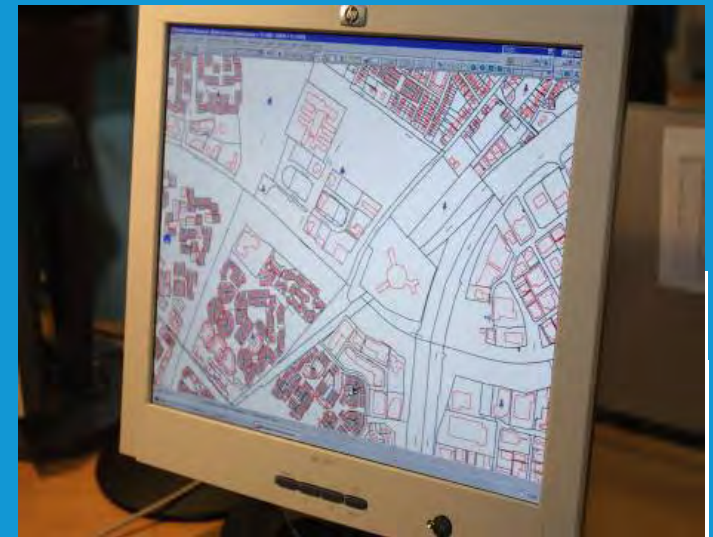
ICT expenditures for what?

- (1) Renewal programme existing ICT architecture (see: Booy, 2003)
 - o Renewal ICT soft- and hardware tools
 - o One register of registered deeds
 - o One register of names of rightholders
 - o Better quality of registered data
 - o Better access to registered data
 - o Flexible opportunities for upgrading data into information
 - o Improved options for integration administrative and geometric data



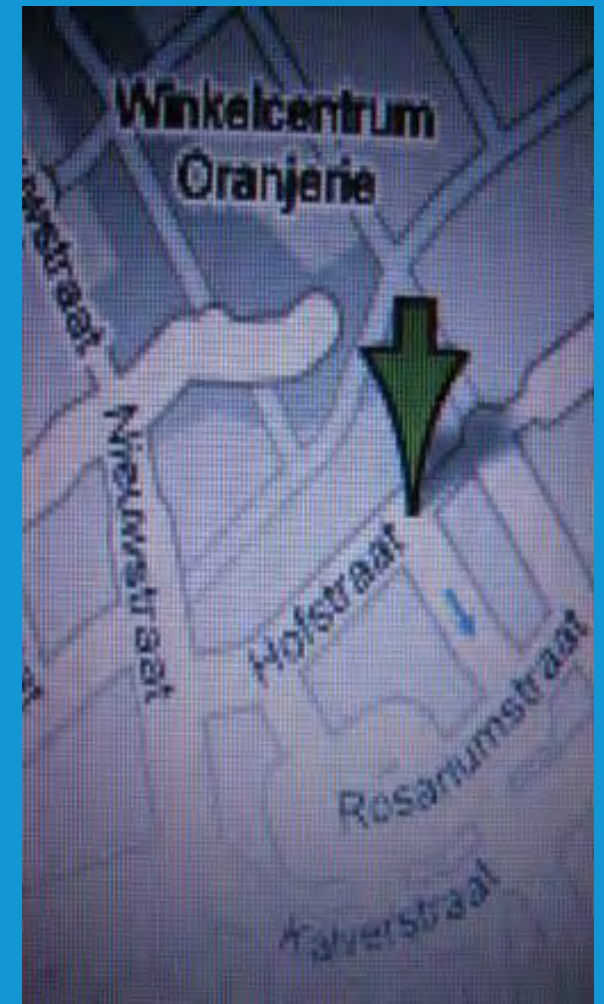
ICT Expenditures for what?

- (2) Additional strategic choices (see Barnasconi, 2006)
 - o Improve access through internet facilities
 - o Electronic lodging of deeds for registration
 - o Central workflowmanagement
 - o Expansion beyond traditional tasks
 - o Involvement in e-government
 - o Full exploitation of digital environment for value added products and services
 - o 3D cadastre



Capitalizing on investments in ICT

- 1) Making the land and credit market transparent
- 2) Enhancing the use of cadastral data for government purposes
- 3) Contributing to e-government
- 4) Supporting economy through location based services



Capitalizing?

- Generating more financial income
 - Discussion free information for all
 - Conflict with existing political decisions about funding
- Increasing the justification for existence
 - Discussion about the mandate
 - Legal constraints e.g. privacy law
 - Allocation of tasks in the public sector
 - Role of the private sector

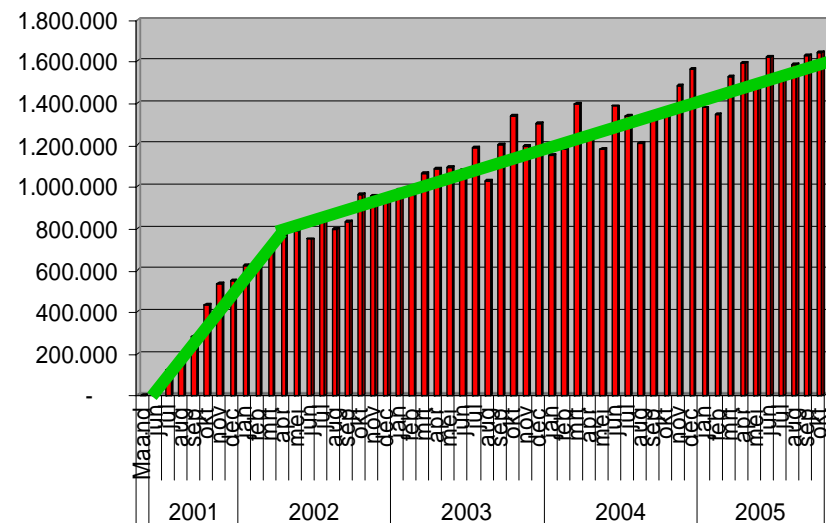


Making the market transparent

For professionals:

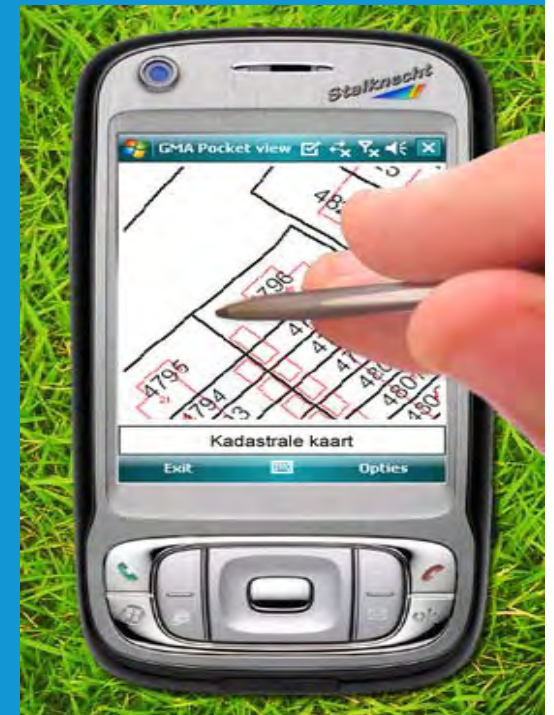
- Monthly statistics land market
- Quarterly statistics credit market (mortgages)
- Reports on market shares (notaries, banks)
- Land- and houses price monitors
- Regional real estate reports
- Statistics for appraisals at distance
- Watchdog systems

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Making the market transparent

- For citizens:
 - Cooperation with internet content sellers
 - Nice free features to persuade citizens
 - Sms services
 - Purchase price hot line
 - Standard house report
 - Price development reports
 - Location based service
 - Visualisation cadastral objects



Presence websites content sellers

- www.kadaster.nl
- www.geoz.nl
- www.boerzoektgrond.nl
- www.watwaswaar.nl
- www.koophuis.nl
- www.vindjeeigenhuis.nl
- www.landmarkinfo.nl
- www.dataquote.nl
- www.waardevanjewoning.nl
- www.boerderij.nl
- www.woningwizzard.nl
- www.woningquote.nl
- www.kadasterscan.nl
- www.jaap.nl

Kadaster :: Vind je eigen huis :: - Windows Internet Explorer

https://www.vindjeeigenhuis.nl/vindjeeigenhuis/

Kadaster :: Vind je eigen huis ::

vind je eigen huis.nl

HELP

Kaart Satelliet Beide Kadaster

Woonplaats: Wassenaar
Straatnaam: Eikenhorst
Postcode:
Huisnummer: 2
zoeken

U kunt de koopsomzoeker verslepen en weer loslaten. U ververset dan de koopsomgegevens.

Gemiddelde koopsom (aantal) van de buurt 2245 in 2007

Vrijstaand	€ 1.201.250 (4)
2 onder 1 kap	€ 710.833 (6)
Hoekwoning	€ 411.800 (2)
Tussenwoning	€ 181.500 (4)
Appartement	€ 720.000 (2)

SMS naar 2255 koops.

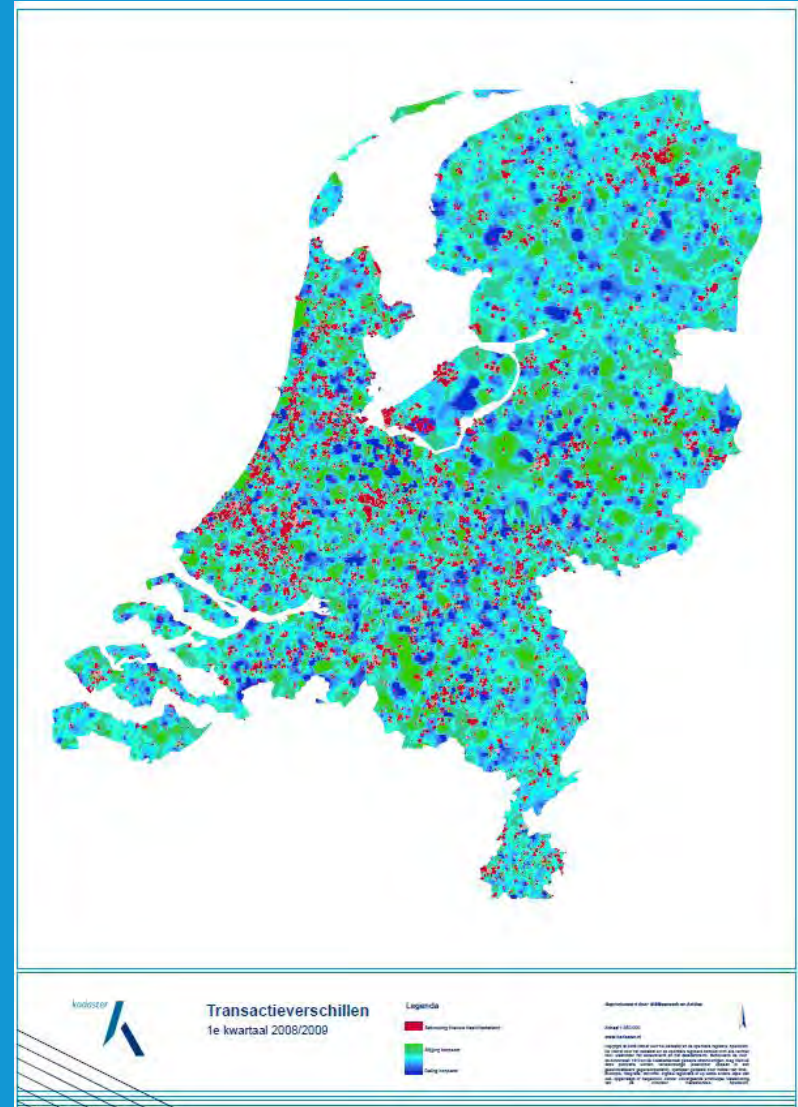
Gereed

start Itinerary field visit Af... Afganistan Microsoft PowerPoint... Kadaster :: Vind je ei... 100% 20:43

Enhancing use of cadastral data

For governments:

- Neighbourhood monitor
- Public safety portals
- Education
- Information fundamentals
- Price monitors
- Land position reports
- Who owns the Netherlands
- Land mobility reports
- Subsurface infrastructure
- Energy labels



New: track planner



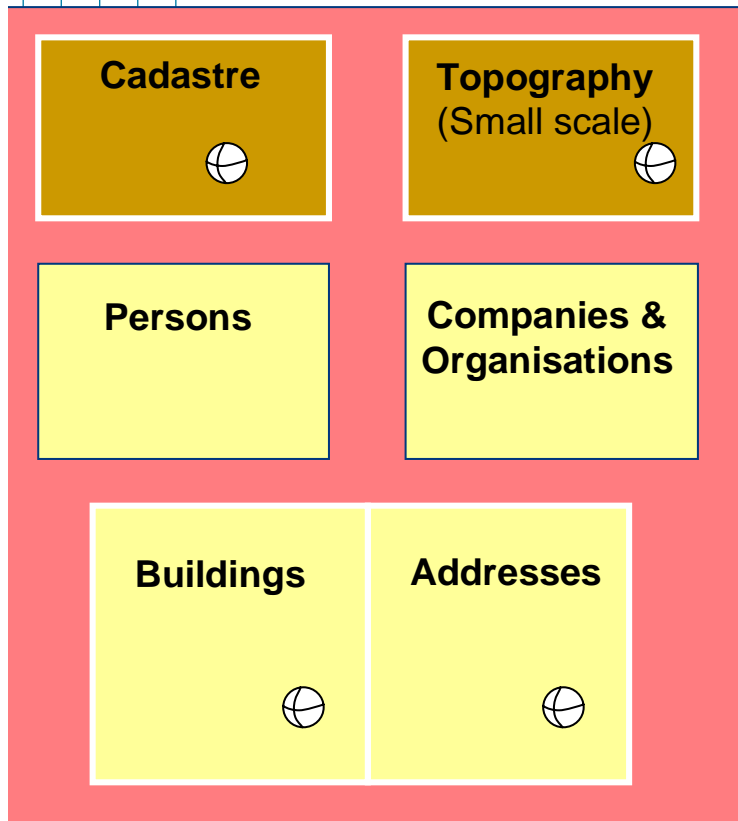
Contributing to e-government

- National government portal
- National geo-portal
- Webservices
- Registration public rights to land
- Key registers
- National access portals

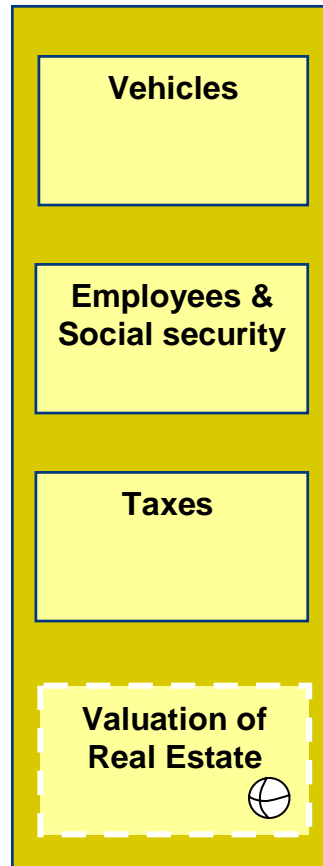


Key and other nationwide registers

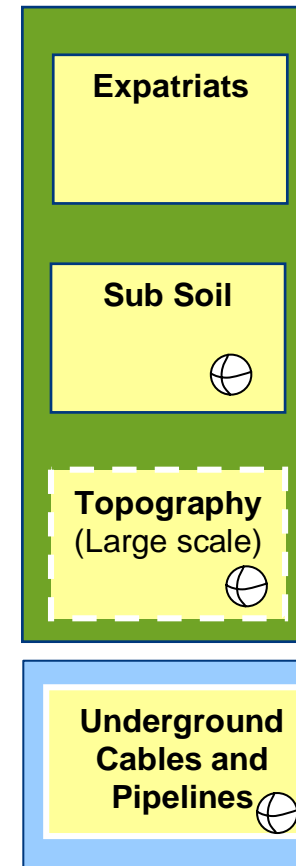
Key Registers
implementation (2007-2009)



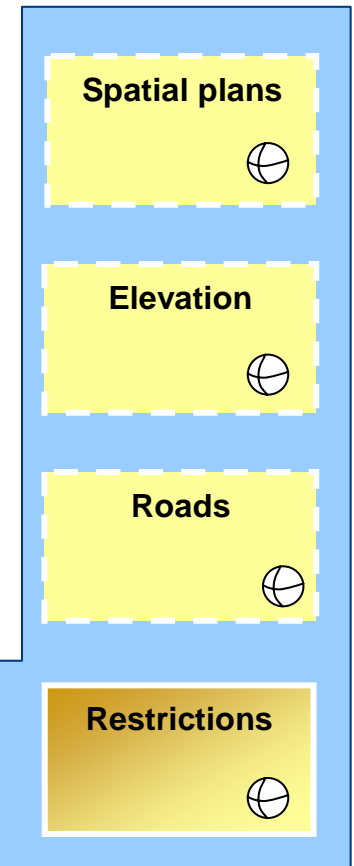
Future
Key Registers



Possible future
Key Registers

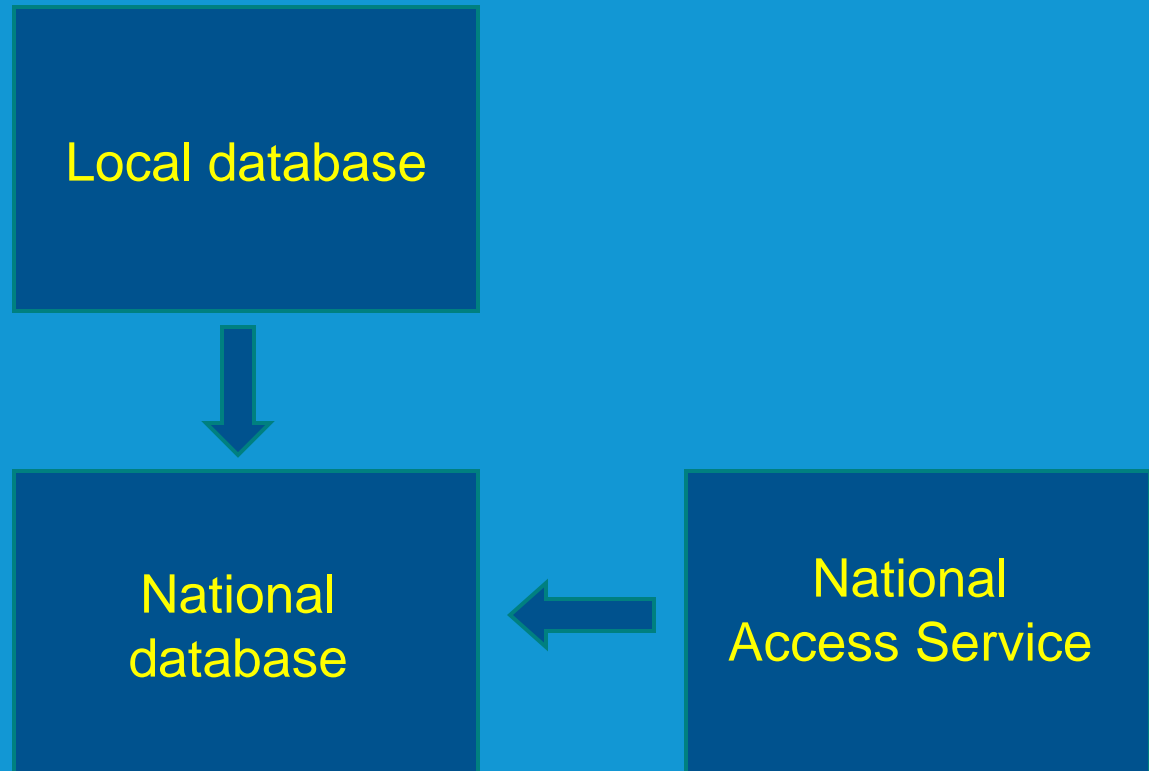


Other nation-
wide registers



Subsidiarity

- Information management at appropriate level
- Safeguard national access



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Supporting the economy at large

- Cross registers or linking datasets
 - Zip code-coordinate
 - Parcel-coordinate
 - Housenumber-coordinate
 - Statistical units -coordinate
- Object oriented topographic maps
 - Top10NL
- Coordinates
 - National triangulation/GPS Core net
- Key registrations

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Conclusion

- Good opportunities for expanding beyond traditional boundaries
- Avoid public-private sector discussion through strategic dialogue with stakeholders
- Customer satisfaction better
- Fair prices paid
- Government performance enhances
- Involvement data suppliers necessary

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I thank you for
your attention

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feitelijk verrassend