









Research assessing success of access policies

• Focus:

- on open access cost recovery
- on national/ regional level
- Lacks:
 - datasets with high(est) level of detail
 - role of partnerships

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My PhD research

- The impact of access policies of large-scale spatial datasets on the development of SDIs
- Focus on large-scale topography and land parcel data

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Case	NL	NRW	DK	MN	MA
scale	500- 2,000	1,000	1,000- 10,000	2,400- 12,000	1,200- 5,000
# datasets for 100% digital coverage	60	- (54)	>40	-	
Completen ess	Core/co mpr	compr	Core/co mpr	Core - compr	Core- compr
Accuracy	5-40cm	20- 30cm	10- 100cm	50- 300cm	15-300cm
Currentness	1-2y	-2y	1-5y	Зу-х	2-10y-x
Guaran teed qualities	`y′	у	`y′	n	n
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LST Access Policy

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Online access	у	n	n	-/y	y/n
# points to contact	1	54/1	>40	?	?
Price/ ha (euro)	0.25- 0.50	1	11/0.65	1.60/0.06	0 - 1.10
Use restrictions	у	у	У	у	n/y
Copyright	У	у	У	У	n/y
Subject to PRA?	n	n(y)	n	n/y	y/n
Case Dataset(s)	NL	NRW	DK	MN	MA

LST Access Policy

Access policy for public sector GIRRRROData collectionPublic sector at utilitiesCadaste rs (with utilities)Local governm ent & utilitiesLocal governm ment (utilities)Utilities (local ment (utilities)Access policy for large-scale topographic dataRRRRR	Case Dataset(s)	NL	NRW	DK	MN	MA
Data collectionPublic sectorCadaste rs (with utilitiesLocal governm 	Access policy for public sector GI	R	R	R	R	0
Access policy for large-scale R R R R R R(o) topographic data	Data collection	Public sector & utilities	Cadaste rs (with utilities)	Local governm ent & utilities	Local govern ment (utilities)	Utilities (local governm ent)
	Access policy for large-scale topographic data	R	R	R	R	R(o)
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Users of large-scale topographic data

	NL	NRW	DK	MN	MA	
Primary users	у	У	у	у	У	
Secondary users	y/n	y/n	y/n	y/n	y/n	
Tertiary users (VAR)	n	n	n	n	n	
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Negatives of utility involvement

- A cost recovery price and use restrictions imposed
- Limited use
- Overtime, needs utility and government may not be in line
- Government relies on private sector for framework dataset

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Conclusions from case studies

- Restrictive policies found for large-scale topographic data
- Utilities have a (major) role in collecting and using large-scale topography
- Utility involvement may positively contribute to the development of an SDI
- Price and use restrictions are considered
 explanation for the limited use of the datasets

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Questions

- Should local government partner with utilities for topographic data?
- From a principal SDI perspective: no
- From a local perspective: yes in many instances

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