

Presenting geographic information in legislation

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Agenda

- Introduction
- Background and purpose
- Interim solution
- Aim

Introduction

- Publication of laws and regulations
- Law and regulations contains geographic information

The screenshot shows the 'Retsinformation' website. At the top, there is a search bar with the text 'Søg efter nummer og år eller søgeord' and a magnifying glass icon. Below the search bar, there are three tabs: 'Regler', 'Afgørelser', and 'Lov- og beslutningsforslag mv.'. The 'Regler' tab is selected. Below the tabs, there are three main sections:

- Ministerier**: Vælg ministerium og gå direkte til ministeriets love og regler. Du kan efterfølgende afgrænse din søgning yderligere. Below this is a dropdown menu labeled 'Vælg ministerium' with a downward arrow.
- Folketinget**: Gå direkte til lovforslag, beslutningsforslag, betænkninger og andre dokumenter fra Folketinget. Below this is a button labeled 'Se dokumenter' with a rightward arrow.
- Folketingets Ombudsmand**: Søg på dokumenter fra Folketingets Ombudsmand ved brug af lovregisteret eller myndighedsregisteret. Below this is a dropdown menu labeled 'Vælg' with a downward arrow.

Background and purpose

- Government Decision on digitization-ready legislation
- Principles to be followed:
 - Digital communication
 - Simple and clear rules
 - Automatic administrative procedures
 - **Interoperability, homogeneous concepts and reuse of data**
 - Safe and secure data management
 - Use public it-infrastructure
 - Prevents cheating and mistakes

Interim solution (1)

- Guidance on geography in the legislation
 - Method to localization
 - Verbal
 - Maps
 - Coordinates
 - Registers

Interim solution (2)

- Use of free and public available data
 - Elements to be considered:
 - Completeness
 - Timeliness
 - Accuracy
 - Lineage
 - Consistent terminology
 - Accessibility
 - What data can be found and where?
 - List of data containing a description and name of publisher

Interim solution (3)

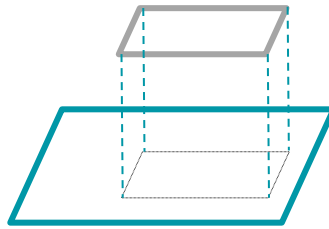
Recommended standards and best practices when establishing geodata

- Concept and data modelling
- Identifiers
- Spatial schema
- Spatial referencing
- Time and lineage
- Metadata
- Encoding
- Services

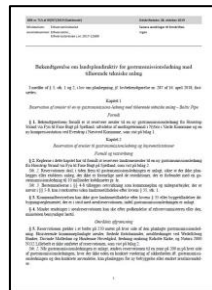
Aim (1)

Requirements:

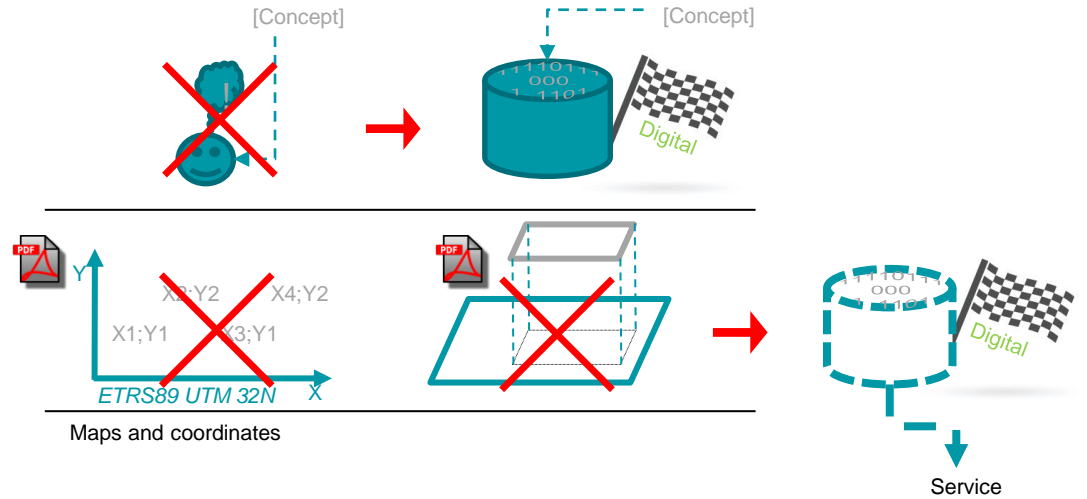
- National coverage
- Historic data
- Stable over time
- Homogeneous
- High quality
- High up date frequency



Standard styling – as known for legal text

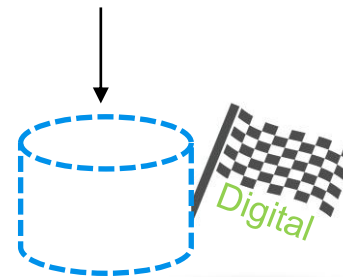


Linguistic method



Distribution

- WFS/WFST → Business/Management
- WMS → GIS (e.g. in "legal info.dk")
- PDFprint → "Copy for the archive"



Aim(2)

- System to be used in the legislative work in ministries and in the Danish Parliament
- Hearing among interested parties
- eGovernment
- Court trial
- The general public

Aim (3)

Mockup

Feltsøgning Simpel søgning

retsinformation.dk

Titel

Nummer År

Søg i Regler Afgørelser Lov- og beslutningsforslag

Udvidet feltsøgning

Danske Love

Ministerieindgang

Folketingets Ombudsmand

Om retsinformation.dk

Retlige digitale kort

Oversigt over emner ?

lovtidende.dk ministerialtidende.dk

Retlige digitale kort

⚙	↑
Danmarks Højdemodel	↓
Ekstremregn flow 2016	ⓘ
2,5 m højdekurver	ⓘ
0,5 m højdekurver	ⓘ
<input checked="" type="checkbox"/> Ekstremregn 2016	<input checked="" type="checkbox"/> M
<input checked="" type="checkbox"/> Havvand Gummistøvleindeks 2016	<input checked="" type="checkbox"/> M
<input checked="" type="checkbox"/> Havstigning 2016	<input checked="" type="checkbox"/> M
UTM Net	0/4
Adresser	0/2
Danske Slednavne	0/1
Matrikelkort	0/1
Administrative grænser	0/8
Landlemaer	0/5
Skyggekort	0/1
Historiske baggrundskort	0/5
Baggrundskort	1/10

▶ Servicetype: GEO

▶ Servicetype: WCS

▶ Servicetype: WFS

▶ Servicetype: WMS

▶ Servicetype: WMTS

Agency for Data Supply and Efficiency

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