



SEPTIMA

WE ARE

12 employee

WORKING FOR

**Municipalities, government agencies
and private sector**

SERVICES

**Consultancy and training
Data Processing,
System development,
Web service and products**

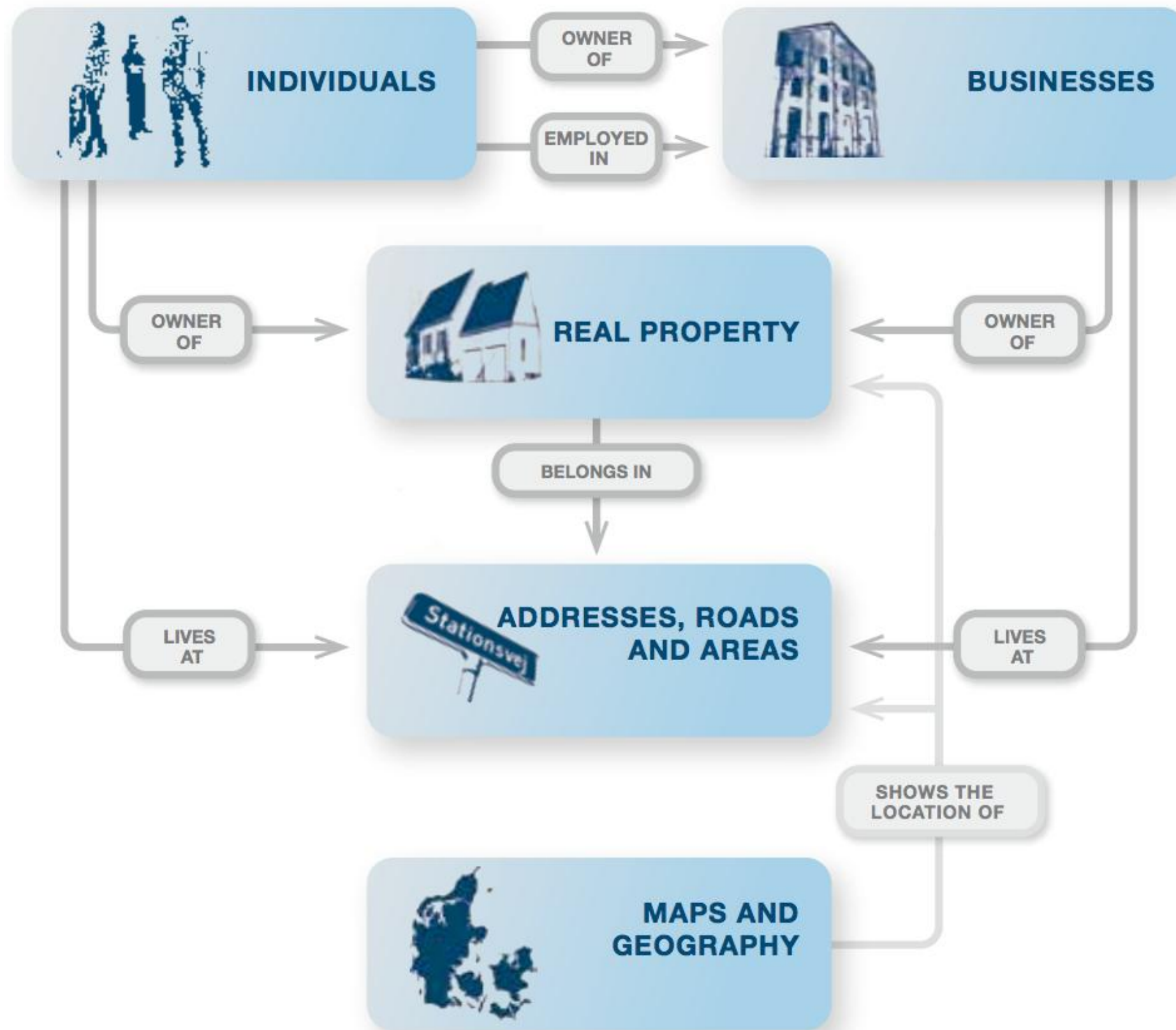


THE eGOVERNMENT
STRATEGY 2011-2015

THE DANISH GOVERNMENT /
LOCAL GOVERNMENT DENMARK
OCTOBER 2012

**GOOD BASIC DATA FOR
EVERYONE – A DRIVER FOR
GROWTH AND EFFICIENCY**

WHAT IS BASIC DATA?



THE FIRST BASIC-DATA REGISTERS

The **Central Business Register** contains information on Danish businesses, including central business registration number, legal form of organisation, date of start-up and any cessation of the business, legal name and address, owners, affiliated production units, sector code, number of full-time employees, and credit status.

The **Company Register** contains information on all registered companies, e.g. limited companies and limited partnerships. Some information, such as legal form of organisation, name, address and sector code, is recorded in the Company Register and transferred to the Central Business Register. Information about the management, auditors, provisions regulating the powers to bind, etc. is only accessible via the Company Register.

The **Cadastre** consists of both the Cadastral Register and the Cadastral Map, which contains information about the approx. 2.5 million land parcels in Denmark, including area size etc. Each land parcel is identified by a cadastral number and its location is identified on the Cadastral Map. The Cadastre will have to be expanded to include other

types of real property, so that land parcels, individually owned apartments, and buildings on leased land are identified and recorded uniformly in future. Information on real properties with distinct ownership shares will continue to be registered in the Land Register and is not basic data. The Cadastral Map is a legal map for all of Denmark which shows information e.g. about cadastral boundaries, rights of way, forest protection areas, coastal protection zones, and dune protection areas.

The **Building and Dwelling Register** contains detailed information about all buildings and dwellings in Denmark, including details on age, usage, area/acreage, number of floors, heating, technical installations, fresh water supply and drainage, annual rent, etc. The Building and Dwelling Register also contains the complete register of all addresses in Denmark, including geographic positions.

The **Register of Property Owners** is a new authentic register of actual owners of all real property in Denmark. The register will include all transfers of ownership, regardless of whether these are registered or not. The new register will be linked to the Land Register.

Map data from the FOT Register (common public-sector geographic data) describes landscape forms and special characteristics such as towns, roads, cliffs, tracks, water-courses, wind turbines, and a wealth of other significant points in the landscape.

DAGI (Danish administrative and geographical boundaries) shows the detailed geographical demarcation of a number of administrative units such as municipalities, regions, parishes, judicial districts, postal codes, and more.

The **Danish Elevation Model** contains a digital elevation model of the terrain, with information about the elevation of the terrain above sea level.

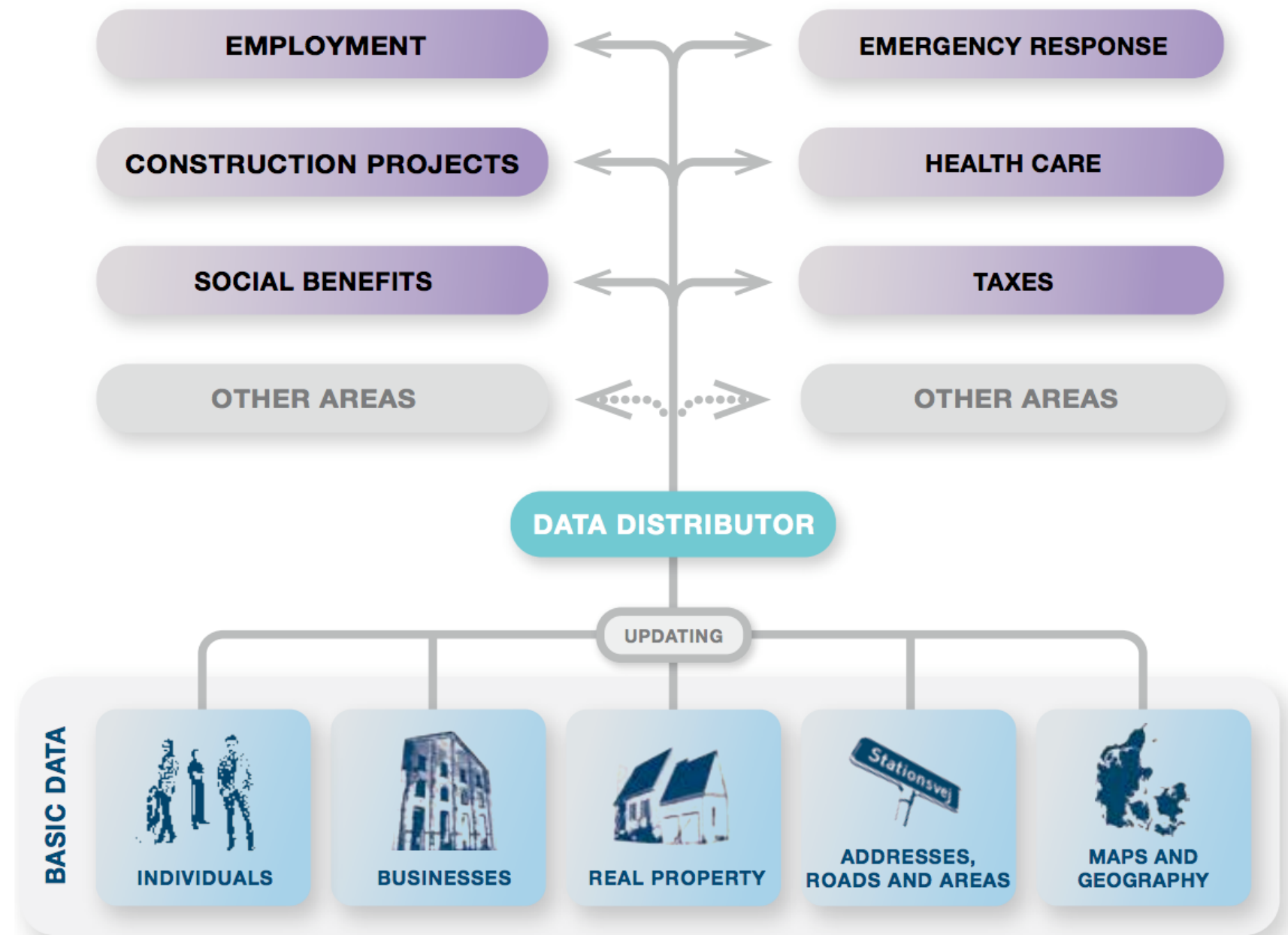
The **Place Name and Information Register** contains approx. 200,000 place names, including those that appear in the topographical maps and in the Digital Map Supply. In the future, more data will become basic data and the registers will be included in the basic-data infrastructure.

The **Civil Registration System** contains basic data on individuals, including civil registry number, name, address, date of birth, marital status, kinship, nationality, membership of the Danish national church, and guardianship. Both current and historic data is recorded.

In the future, more data will become basic data and the registers will be included in the basic-data infrastructure.

THE DATA DISTRIBUTOR

The Data Distributor conveys updated and authentic information from basic data registers on to the relevant public or private-sector administrative field or business area.



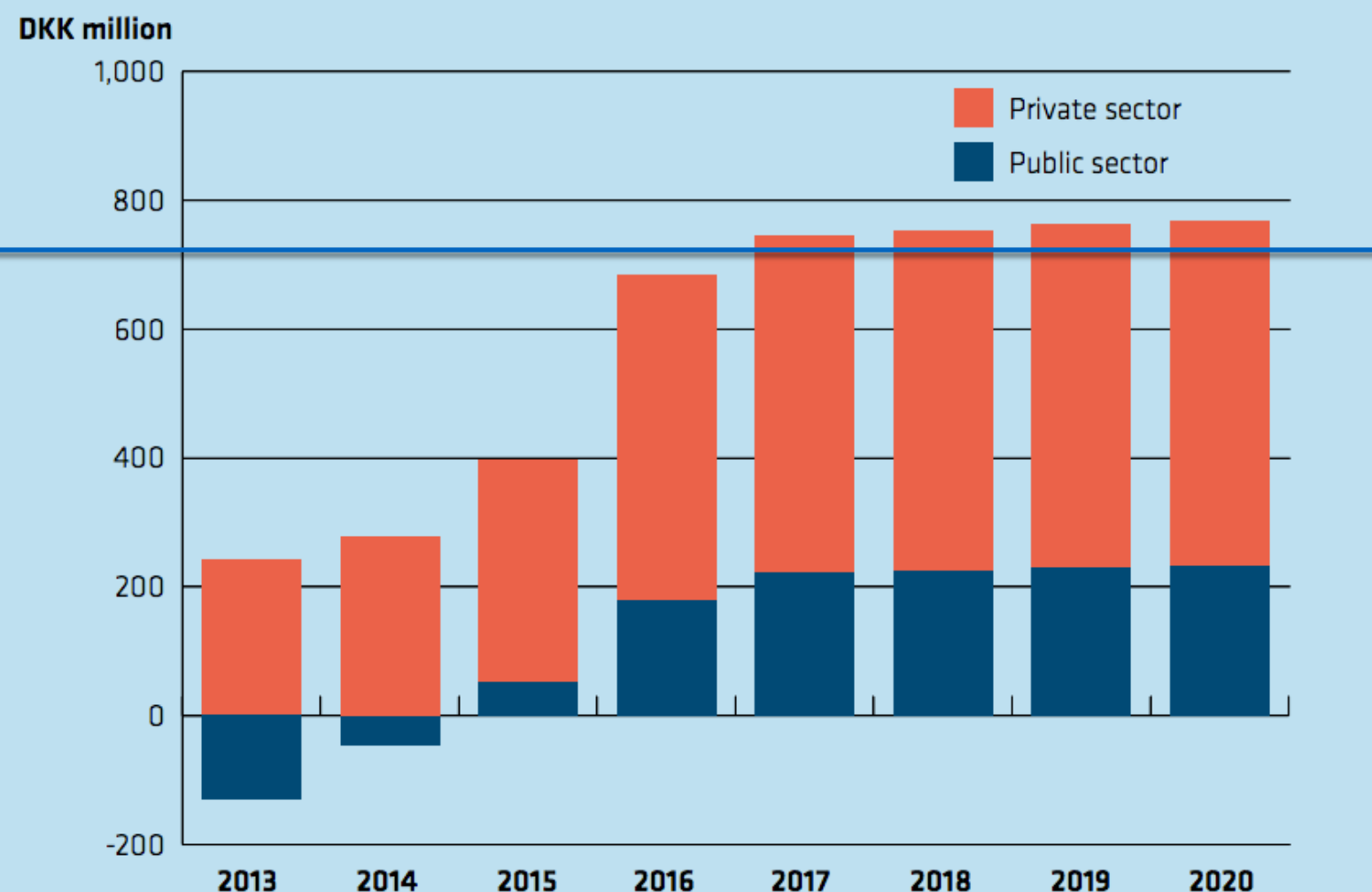
WHAT IS BASIC DATA?

TOTAL NET PUBLIC-SECTOR NET SURPLUS

DKK MILLION	2013	2014	2015	2016	2017	2018	2019	2020
Ministries	-108	-81	-50	-26	3	9	29	42
Municipalities	-24	24	79	143	165	169	174	175
Regions	1	11	23	33	43	43	43	43
TOTAL IMPACT	-131	-45	52	149	211	221	246	260

TOTAL NET SURPLUS/DEFICIT, BY SECTOR

€ 100.000.000





8

Map data
Cadastral
Danish Elevation Model
Adresser
DAGI (administrative borders)
Place Name
Company Register
Central Business Register

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Building and Dwelling Register
Civil Registration System
Property Valuation Register
Register of Property Owners



Basic Data Program

Consultancy based on free and open data

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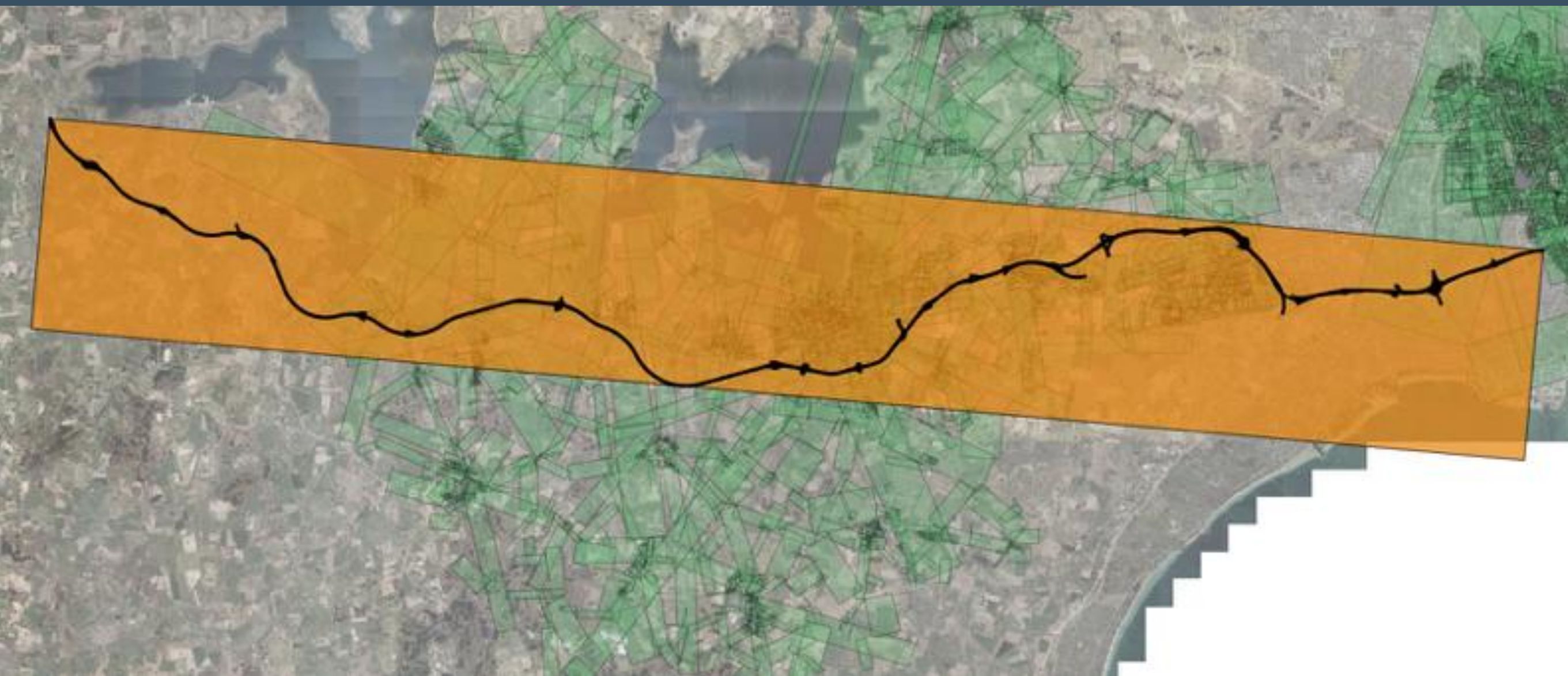
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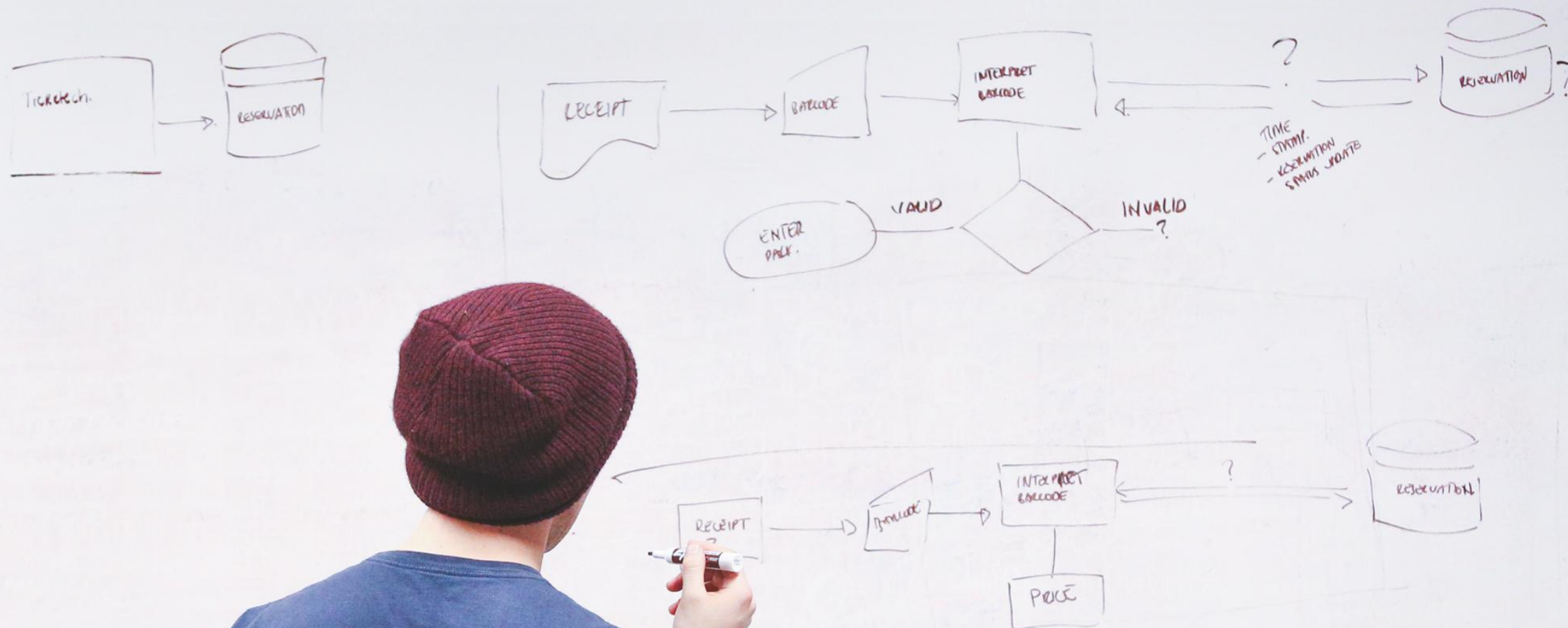
New danish adresse system

street name districts and streetlink creation





Innovation Process



We now make the product,
before they might be thought
up in the public administration.
We take the risk!



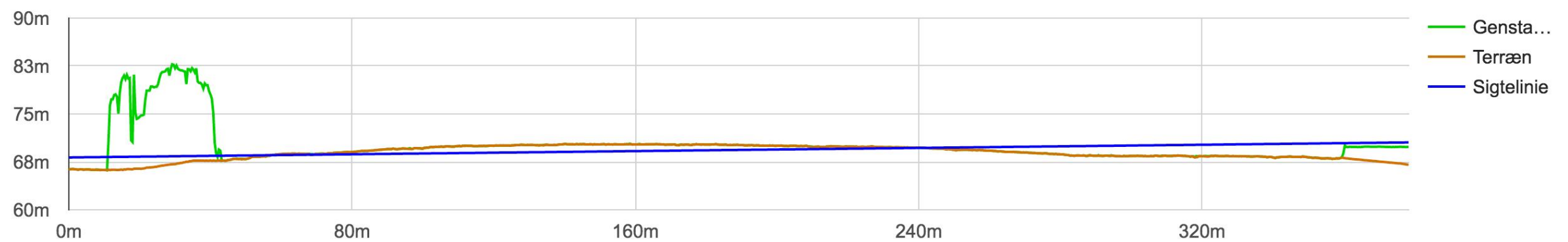
The Danish Elevation Model has just about

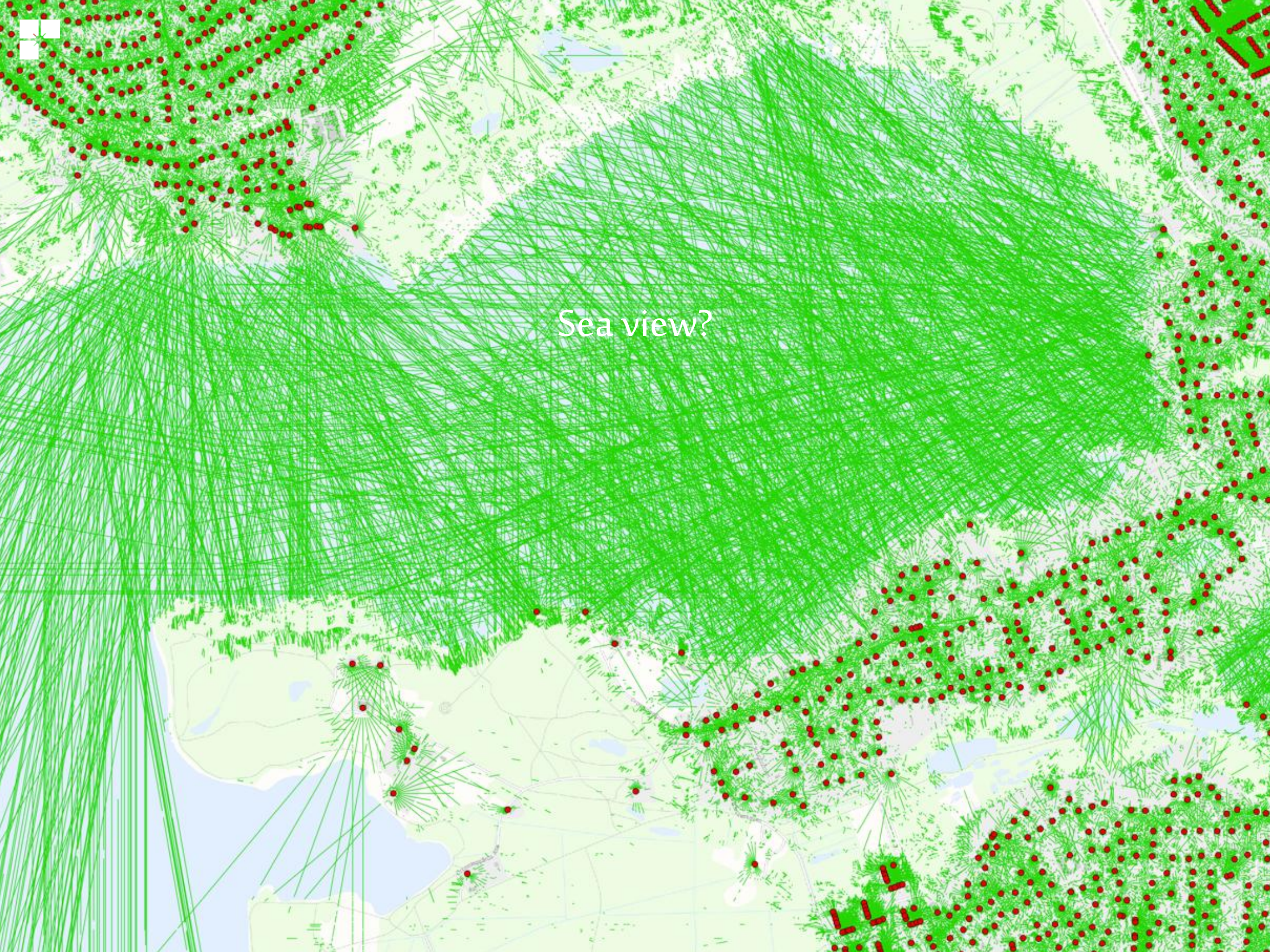
Y
275.000.000.000
observations

D
1.600
gigabyte

O
45.000
files

Line of sight





Sea view?

An aerial photograph of a city, likely Venice, showing a dense grid of buildings and a network of canals. A semi-transparent, light-colored elevation model is overlaid on the city, highlighting specific areas and structures. The model appears to be a 3D representation of the city's topography and building heights. The text "Products and services" is overlaid in white at the top center.

Products and services

Elevation Model and Base Map

Products and services



SEPTIMA WIDGET

Nem og fleksibel integration af kort og geodata i CMS

Version 1.17.27

LÆS MERE

SE EKSEMPLER





Understanding data





Basic data
creates
connections and
value

Berlingske.dk Politiko.dk

BERLINGSKE

BUSINESS

C20 CAP
0,60%



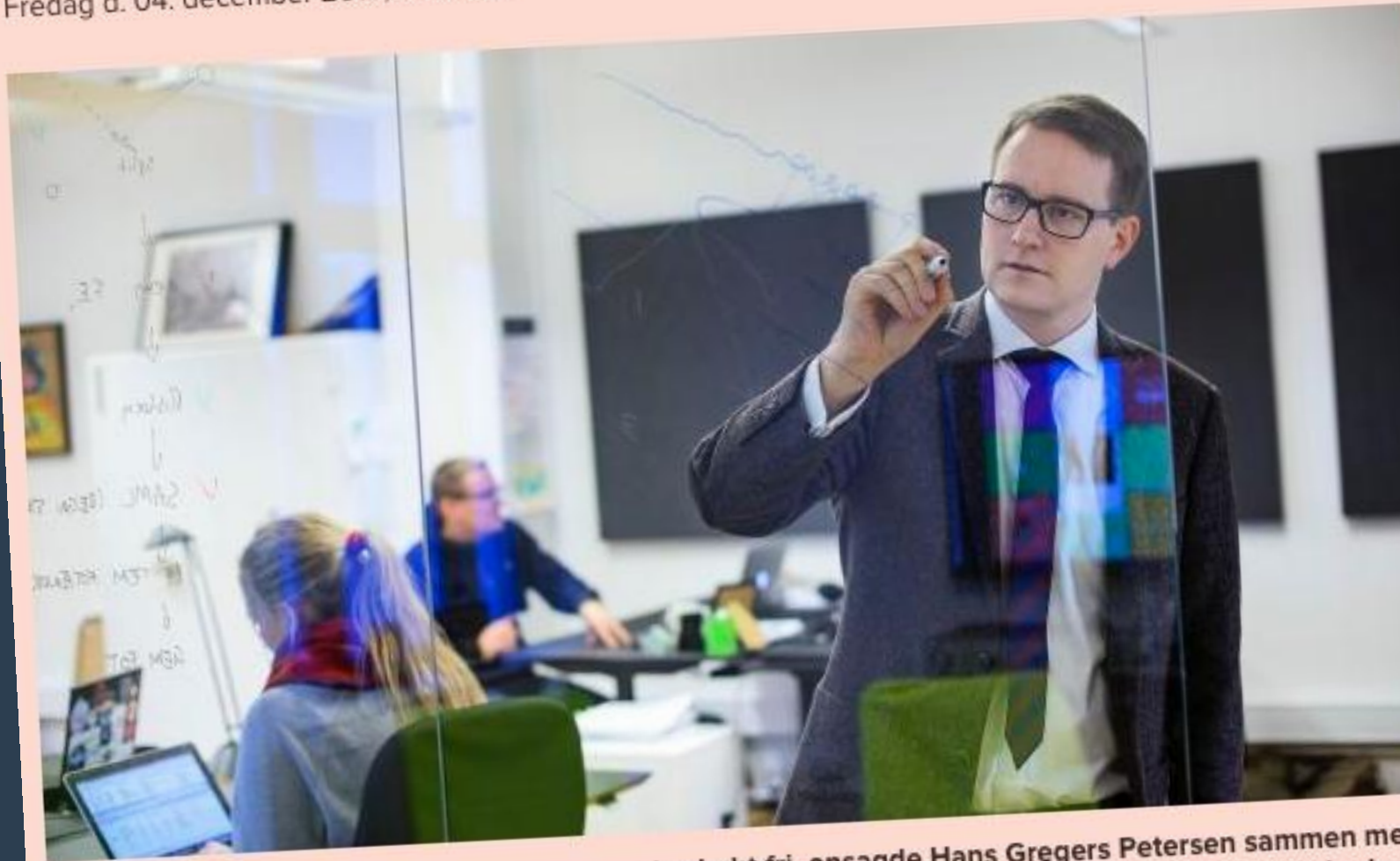
100+



DIGITAL

Septima sælger sammenhænge

Fredag d. 04. december 2015, kl. 06.00



📷 Da en række af de danske grunddatasæt blev købt fri, opsagde Hans Gregers Petersen sammen med seks af sine kolleger deres faste job for at udnytte datasættene i det private erhvervsliv. Virksomheden i dag 12 ansatte og holder til i lokaler på Strøget i indre København.? Foto: Sara Gangsted



Da de danske grunddatasæt blev frigivet i 2013, øjnede syv
millions data ingeniører muligheden for at lade de offentlige



Thank you for your patience

Bo Overgaard

Tlf: +45 9132 6940

bo@septima.dk



@BoOvergaard

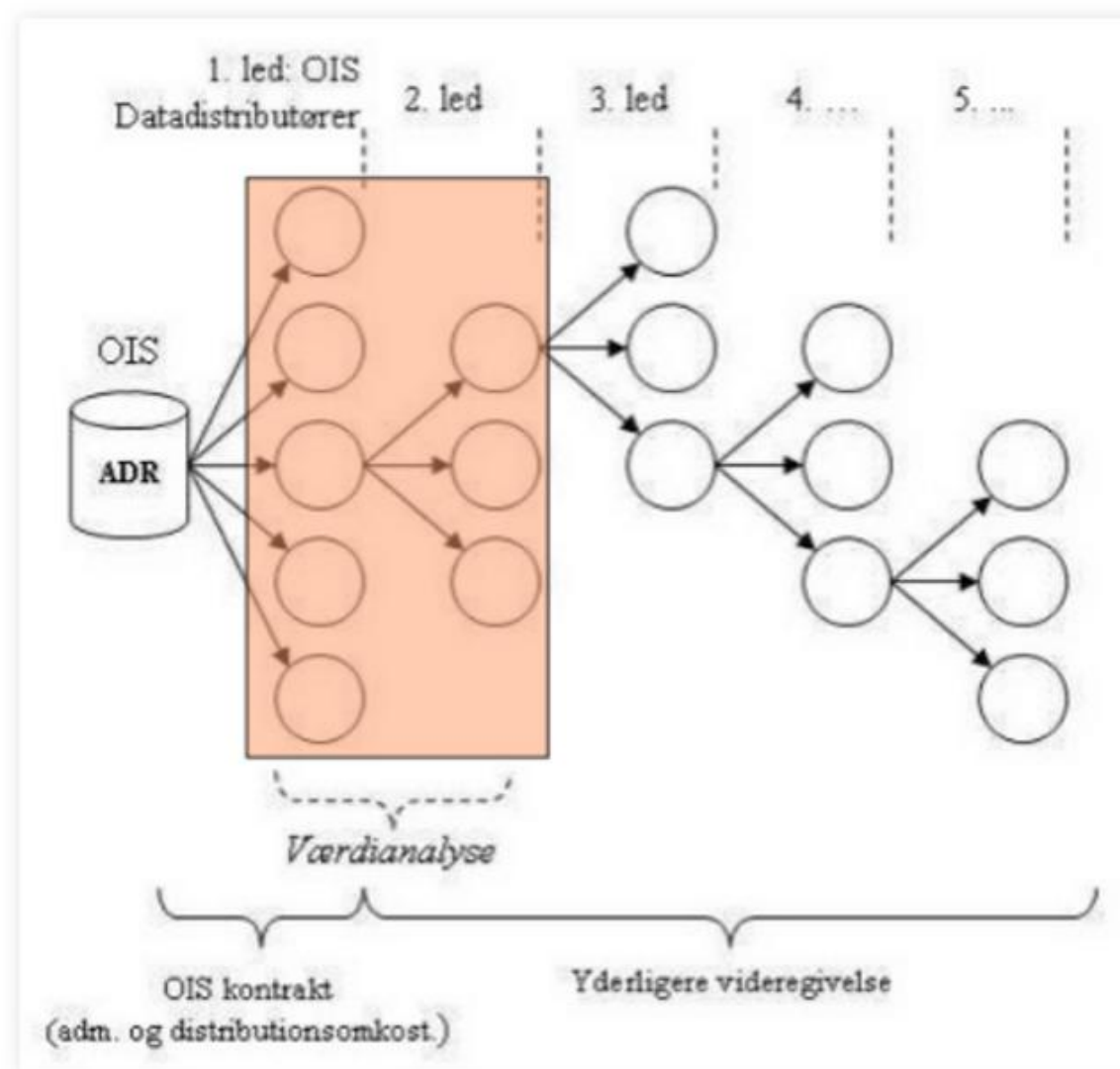


linkedin.com/in/boovergaard

Drafts

Economic gain

No need to cover over 10M DKK of data to start project.



The free addresses gave a **direct** gain of 14 mio € / year!
...in just the first and second link

A large colony of King penguins is shown on a dark, pebbly beach. The penguins are densely packed, filling the frame from the foreground to the horizon. They have dark blue-black heads and backs with bright yellow-orange chests and necks. The background is a hazy, overcast sky.

Seriously High Usage

	End 2012	2016 to date
Unique users	800	60,000
Total requests	800 million	2 billion