

Why INSPIRE matters

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Inspire – why?

- The why can be answered on several levels
- Depending on from where you look at it
- Let's funnel



A short video



inspire.ec.europa.eu

Joint
Research
Centre

Then you might go....

- Well – I can't be against that, but.....!
- Is this really relevant for my “local” business?
- What's really in it for me?
- Limited budgets, why prioritize INSPIRE?
- What are my benefits on a daily basis?
- Why is INSPIRE important for me?

INSPIRE is about

- Standardization and interoperability



The world around us...

Financial crisis - we cannot afford to do the same thing twice

Increasing focus on efficient administration - do the most with the taxpayers money

Digitization is hot – and location matters (apps and more)

Local is global – environment, climate, diseases, transport....are trans border and shared

Be agile - international trends of yesterday is an everyday thing tomorrow

Data driven economy, administration, business – DSM

We cannot afford

- Parallel infrastructures
- Gather the same data over and over again
- Sub optimizing and silo-thinking
- We need to share and re-use
 - National borders
 - Administrative borders
 - Sector borders

SDI – the backbone in efficient eGovernment

The image shows a screenshot of a Danish e-government website. A large red oval highlights a central article titled "Tema: Succesfulde samarbejder om digitale løsninger". The article's main heading is "Geodata - Rygraden i effektiv digital forvaltning". The text describes the importance of close public-private cooperation in digital administration, specifically mentioning geodata (addresses, roads, etc.) and the Geodata Service Association. A link "Læs mere her" is provided. Below the article, there are sections for "Videncenter om", "Nyheder", and "Redskaber". The "Nyheder" section includes news about Erik Fabrit's work and the government's 2004 IT strategy. The "Redskaber" section features a pair of glasses and text about digitalization. At the bottom, there is a footer with contact information for "Projekt Digital Forvaltning" and a link to "Læs mere på www.e-gov.dk".

digital forvaltning

Om Digital Forvaltning

Her er du: Forside

Tema: Succesfulde samarbejder om digitale løsninger

Geodata - Rygraden i effektiv digital forvaltning

Tæt fællesoffentligt samarbejde er nødvendigt, for at give borgere og forvaltninger nem adgang til fælles data om for eksempel adresser, veje m.m., (geodata). Servicefællesskabet for Geodata er med til at skabe grundlaget for effektiv digital forvaltning.

[Læs mere her](#)

Videncenter om

E.gov.dk er en samlet indgangsportal i Danmark. Portalen er nu forvaltning i praksis og er en del af den praktiske vejledningsindsats fra de kommunale, amtskommunale og regionale myndigheder.

Tema: Succesfulde samarbejder om digitale løsninger

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[Læs mere her](#)

Nyheder

Erik Fabrit: markant bedre borgerbetjening

KL formanden beskriver behov for mere fælles udvikling og bedre borgerservice.

[Læs mere her](#)

Regeringens IT- og telepolitiske redegørelse 2004

Regeringen sætter fokus på tre områder inden for IKT.

[Læs mere her](#)

[Læs flere nyheder](#)

Tilmeld nyhedsbrev:

Læs mere på www.e-gov.dk

GENERAL PUBLIC, BUSINESSES AND THE PUBLIC SECTOR



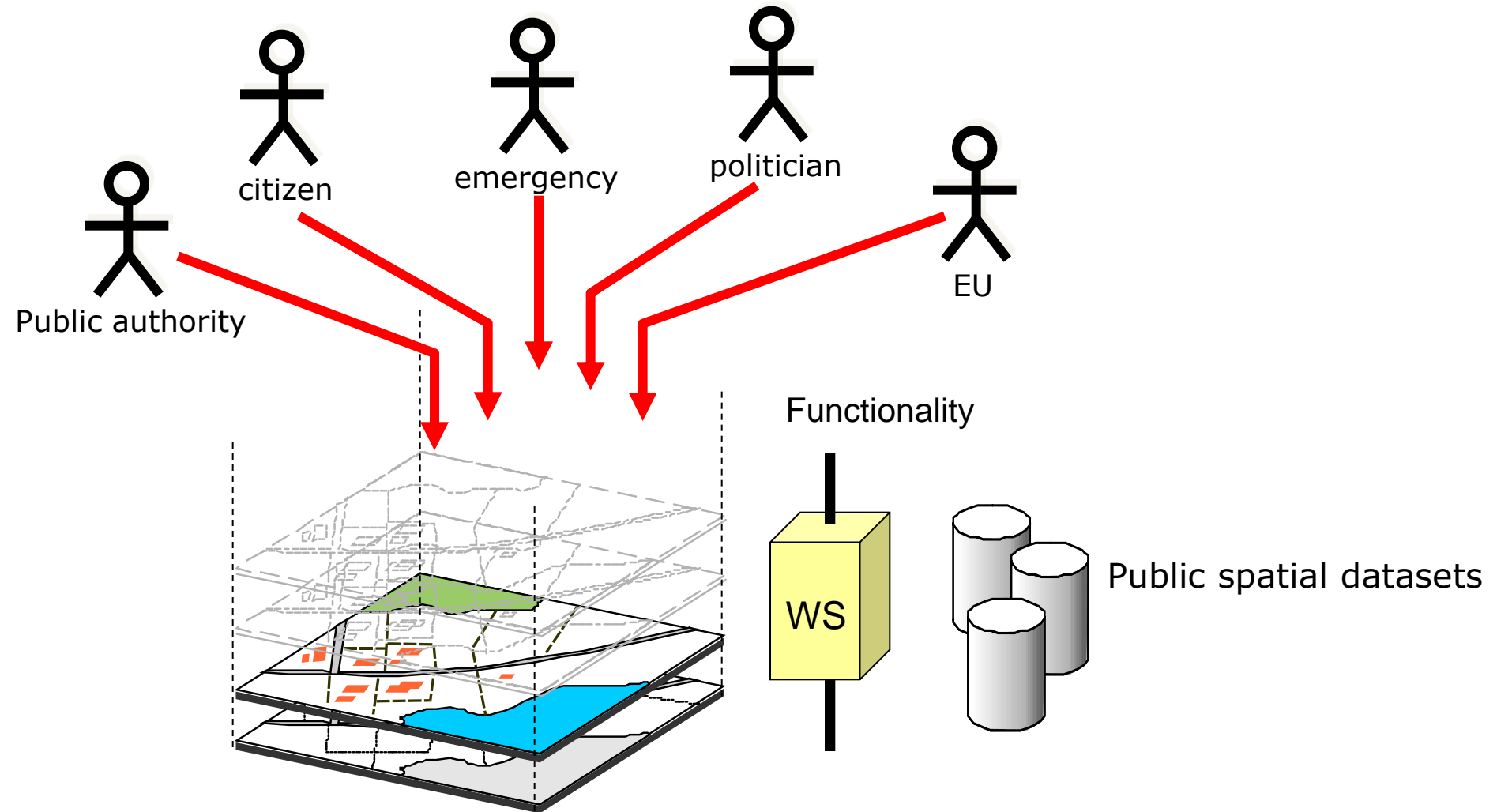
SOLUTIONS
E.G. TRAFIKKEN.DK AND UDINATUREN.DK

INTEROPERABILITET

THE INTERNET
COMMON COMPONENTS – e.g. VIS STEDET (SHOW THE LOCATION) AND NEM-ID (DIGITAL SIGNATURE)
SERVICES – e.g. KORTFORSTYNGEN (THE DIGITAL MAP SUPPLY)



A shared information window



**DATA SHOULD ONLY BE
COLLECTED ONCE**

**DATA SHOULD BE
MAINTAINED WHERE THIS
CAN BE DONE MOST
EFFECTIVELY**

**IT SHOULD BE EASY TO
GET AN OVERVIEW OF
THE AVAILABLE DATA
AND INTERNET SERVICES**

PRINCIPLES OF INFRASTRUCTURE

Spatial Data Infrastructure builds on these five principles, which may also be illustrated using the Infrastructure Model (see page 33).

**DATA SHOULD BE
COMBINABLE,
REGARDLESS OF THEIR
SOURCE**

**THERE SHOULD BE CLEAR
CONDITIONS WHICH ASSURE
THAT DATA CAN BE UTILISED
BY MANY USERS IN
MANY CONTEXTS**

THE INFRASTRUCTURE MODEL



Spatial data is vital



Enabler = Interoperability

Interoperability is a key enabler for the provision of efficient,
low cost and secure Public Administrations' e-services at
national and EU level

Inspire gives us

- International approved standards
- Common framework for modelling
- Tool boxes developed by experts
- A law!
- Data and services in a common “language”
- An community with multiple skills
- A well described fundament for business development

NSDI and INSPIRE is good for..

eGovernment

And we told the Ministry of Finance





THE eGOVERNMENT
STRATEGY 2011-2015

THE DANISH GOVERNMENT /
LOCAL GOVERNMENT DENMARK

OCTOBER 2012

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



Geographical names (Place names)

Digital elevation model

Administrative units

Geographic grid system

Cadastral Parcels

Location based address

Location names

Natural areas (forests, etc.)

Roads, Railways and ferry routes

Location based buildings

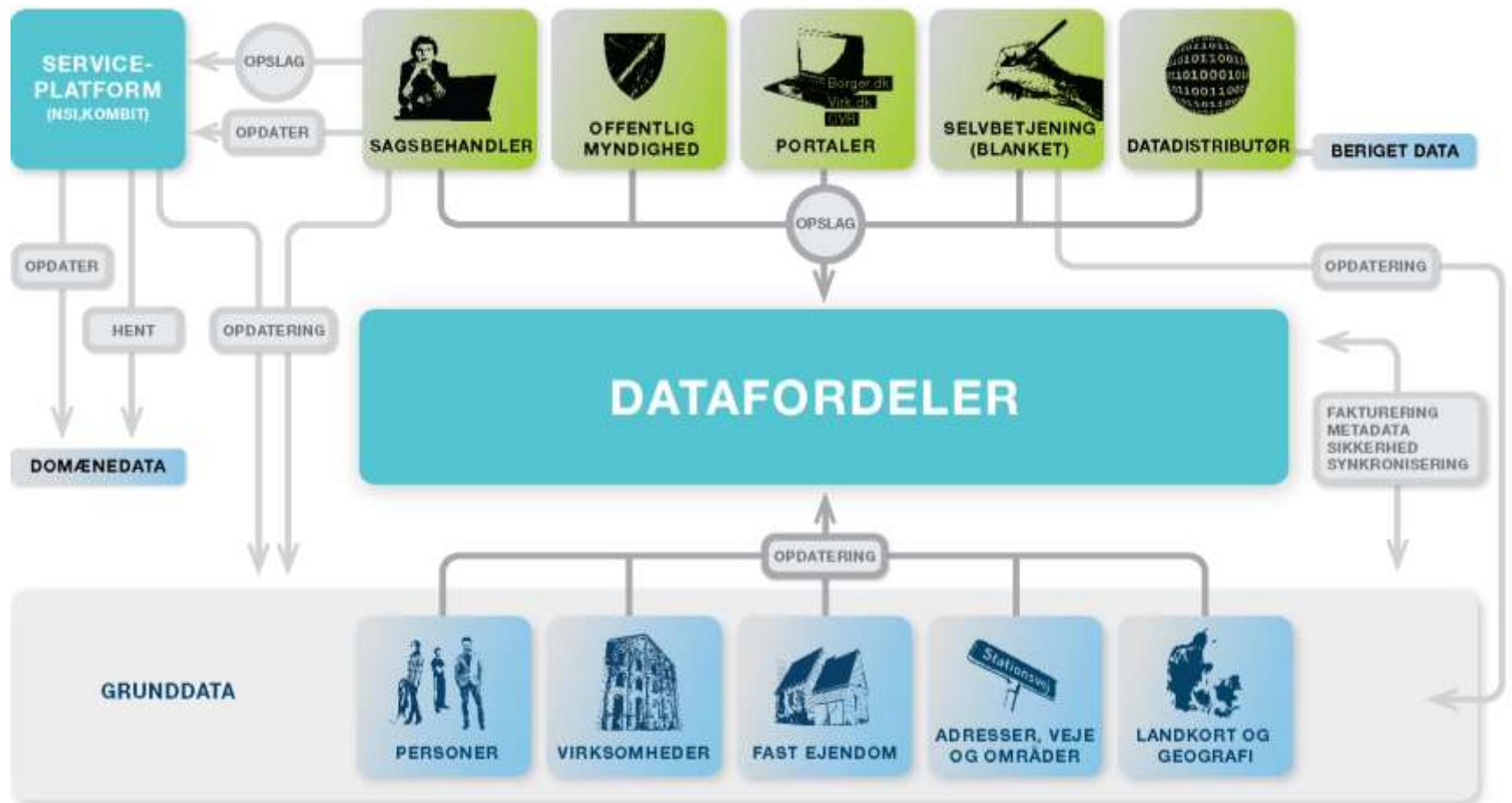
Location based technical facilities

Streams, waterbodies and sea areas

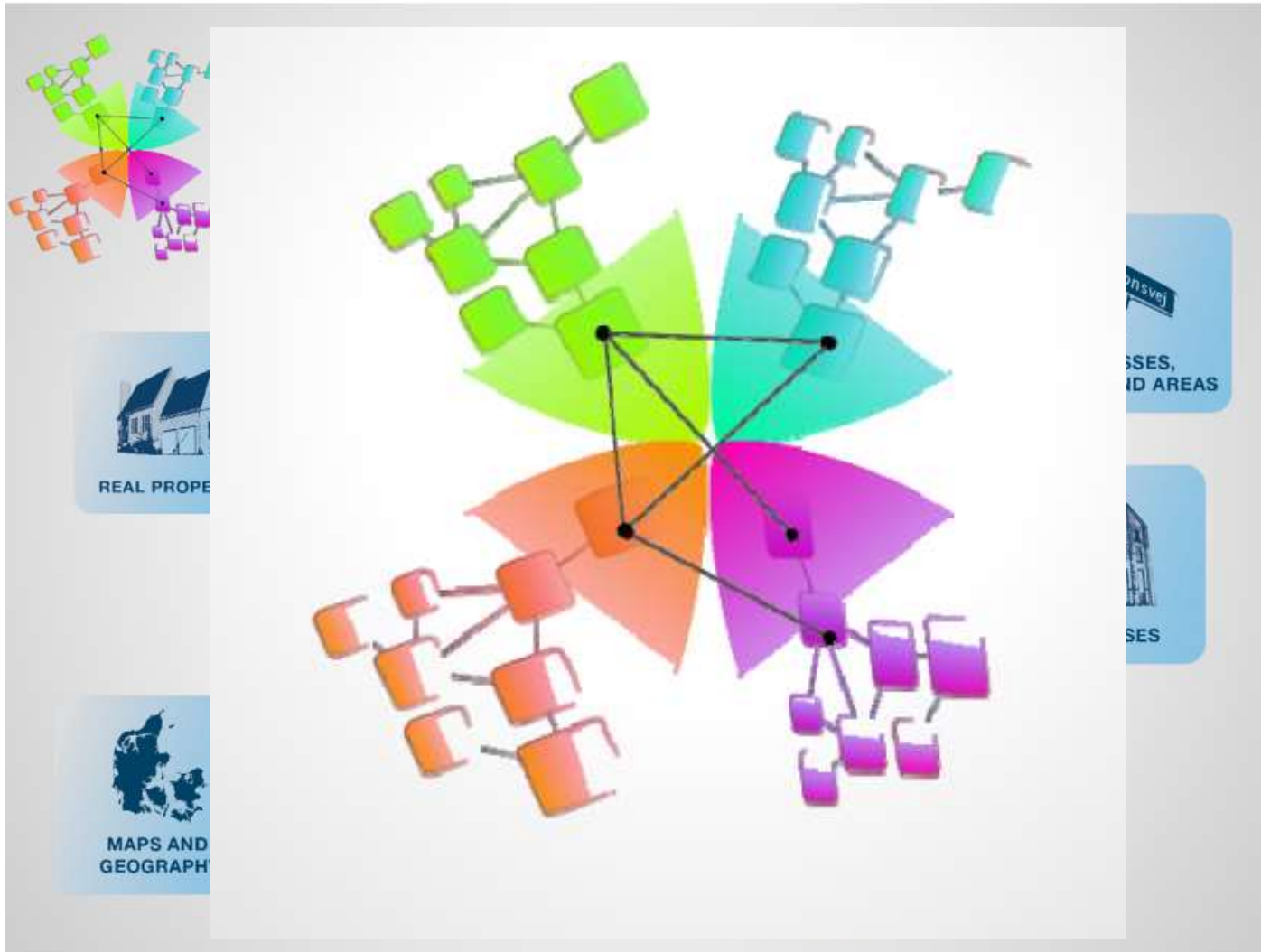
INSPIRE

MAPS AND GEOGRAPHY

The Data Distributor



Common data model – INSPIRE+



THE INFRASTRUCTURE MODEL



More...?



FOCUS AREA 8

A SHARED PLATFORM FOR ENVIRONMENTAL ADMINISTRATION

Our living conditions and well-being rely on a diversity of natural resources and the environment. It is therefore we plan and manage our environment, this, we need cohesive, on the environment that authorities can trust

Recent local governments were once the responsible counties, between the regions and municipalities take care of issues and companies, drawing governmental and public. However, the quality of not consistent, and many

Many authorities maintain bases, storing environmental geographical areas that databases. And not all. For example, the municipality protected natural areas: to access across municipalities making comparisons difficult

Nearly all municipalities maintain a wealth of data

system



MILESTONES FOR 2015

- Gathered only once, environmental data is updated where this can be done most efficiently for use across the entire public sector

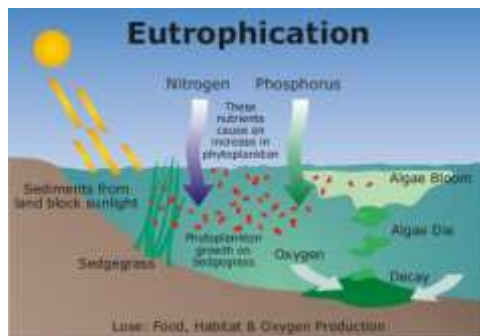
ated where this can be done most efficiently for use across the entire public

es and companies have easy access to reliable, consistent environmental data

panies and citizens use online service solutions, which provide an overview of issues such as planning, to promote efficient communication



- Approx. 50% of the Danish environmental related legislation is influenced by the EU
- Directives about e.g. air quality, bathing water and flooding,
- Geospatial data matters here!
- Makes sense to re-use INSPIRE
 - why re-collect and process data that are already available in a standardized and accessible form?

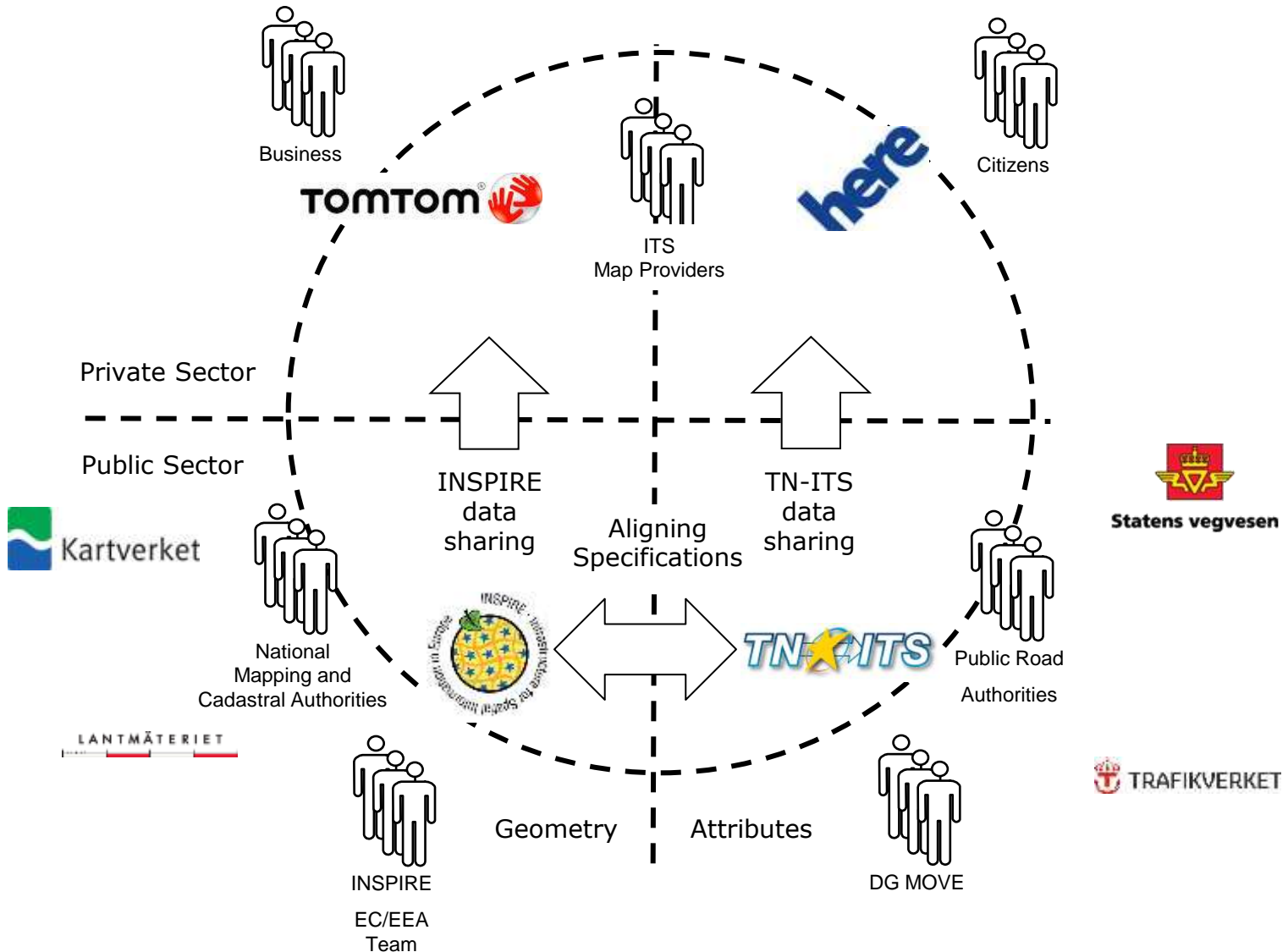


Transport sector

- Important role in economy, society, growth and employment
- Lots of geospatial data.....
- INSPIRE reference data



Transportation pilot



- Video Transportation pilot
- <https://www.youtube.com/watch?v=jnny5ATwTYE>
- Visit the ISA EULF page for more pilots
- http://ec.europa.eu/isa/actions/02-interoperability-architecture/2-13action_en.htm

Summing up INSPIRE benefits in Denmark

- eGov has embraced INSPIRE
- INSPIRE inspired and now underpins Open Data
- Increased awareness of the importance of Geospatial information in other sectors
- NMCA influence on the digitization agenda
- SDI a part of the common public digitization strategy
- Broad use of the INSPIRE principles, framework and models
- A Coordination board for Geospatial information
- Coming up - INSPIRE supporting environmental management and reporting!

INSPIRE is good for me. I will fully embrace it.
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