# 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

# 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

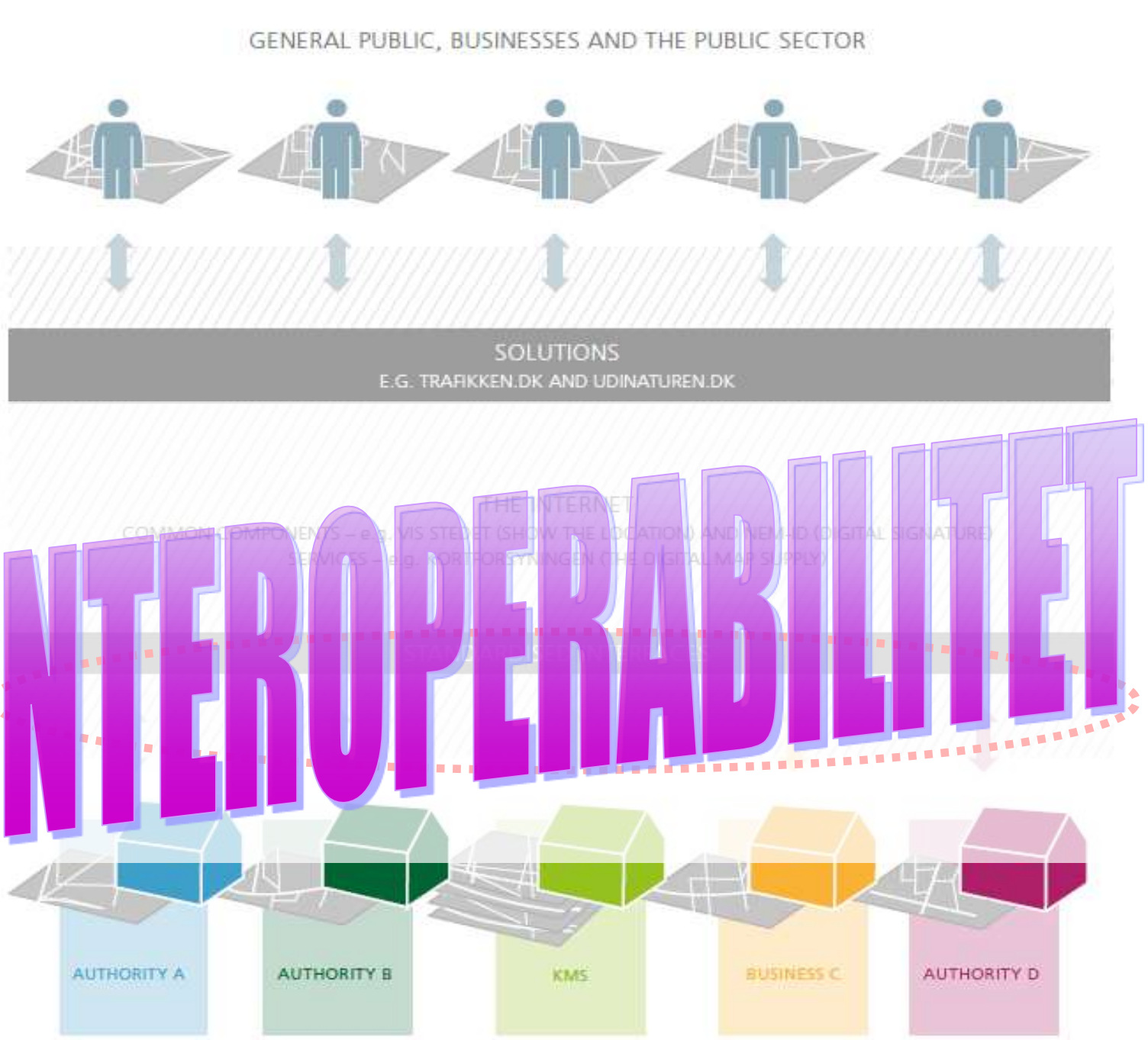
Be agile - international trends of yesterday is an everyday thing tomorrow

Data driven economy, administration, business – DSM

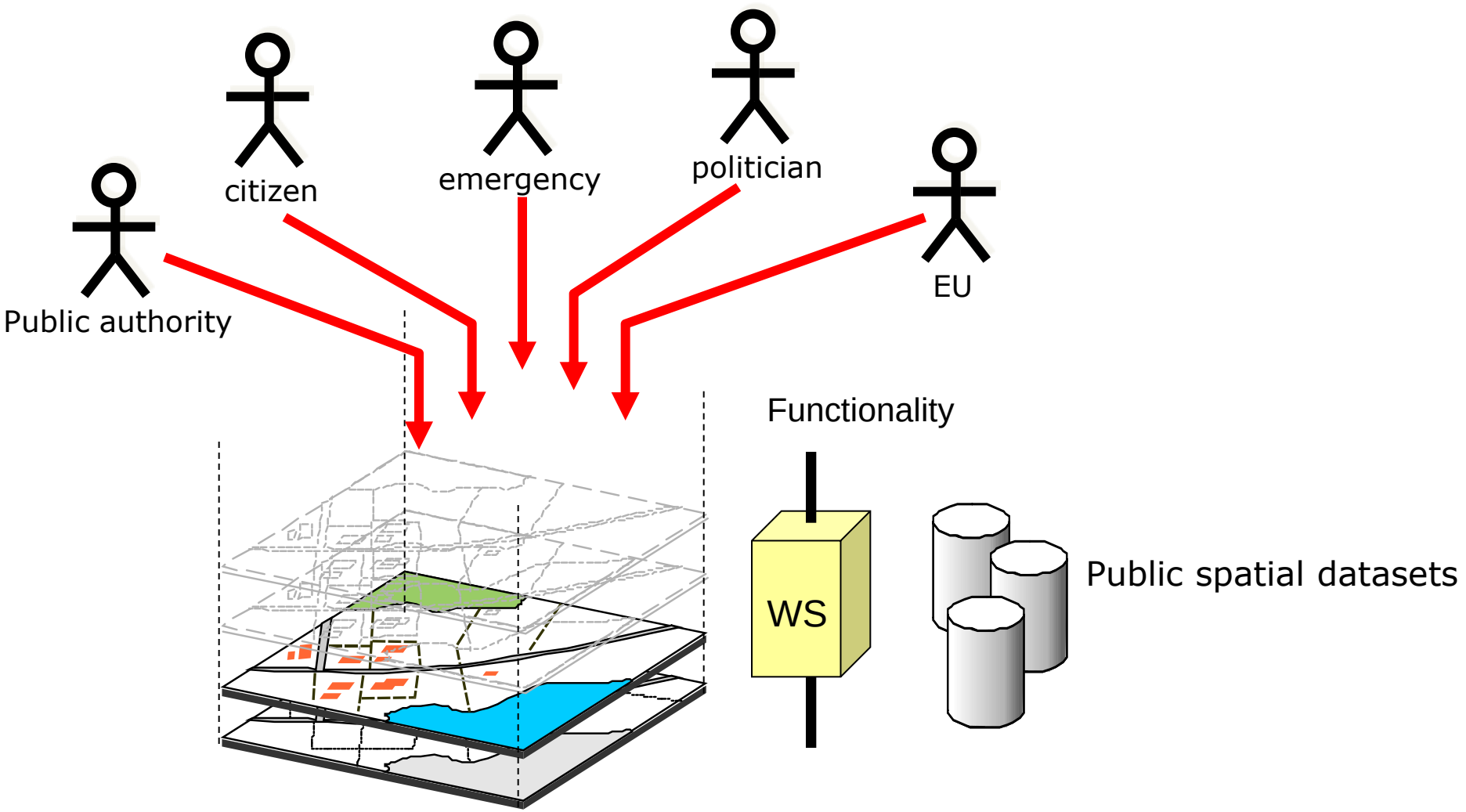
# We cannot afford

- 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


GENERAL PUBLIC, BUSINESSES AND THE PUBLIC SECTOR
SOLUTIONS
E.G. TRAFIKKEN.DK AND UDINATUREN.DK
INTEROPERABILITET
AUTHORITY A
AUTHORITY B
KMS
BUSINESS C
AUTHORITY D

# 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

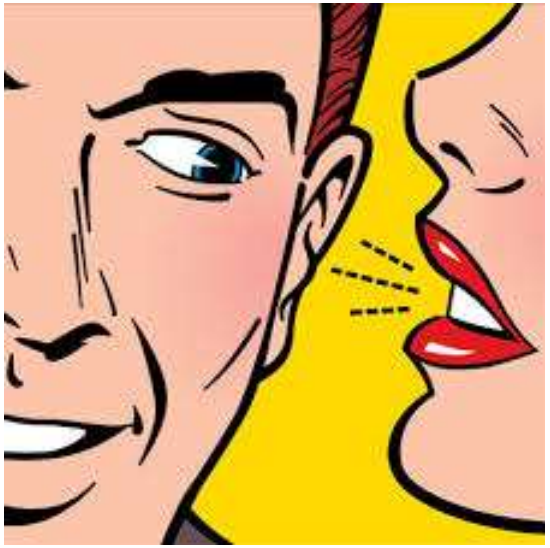
# Inspire gives us

- 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

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

THE DANISH GOVERNMENT /
LOCAL GOVERNMENT DENMARK
OCTOBER 2012

Geographical names (Place names)

Digital elevation model

Administrative units

Geographic grid system

Cadastral Parcels

Location based addre

Natural areas (forests, etc.)

Roads, Railways and ferry routes

Location based buildings

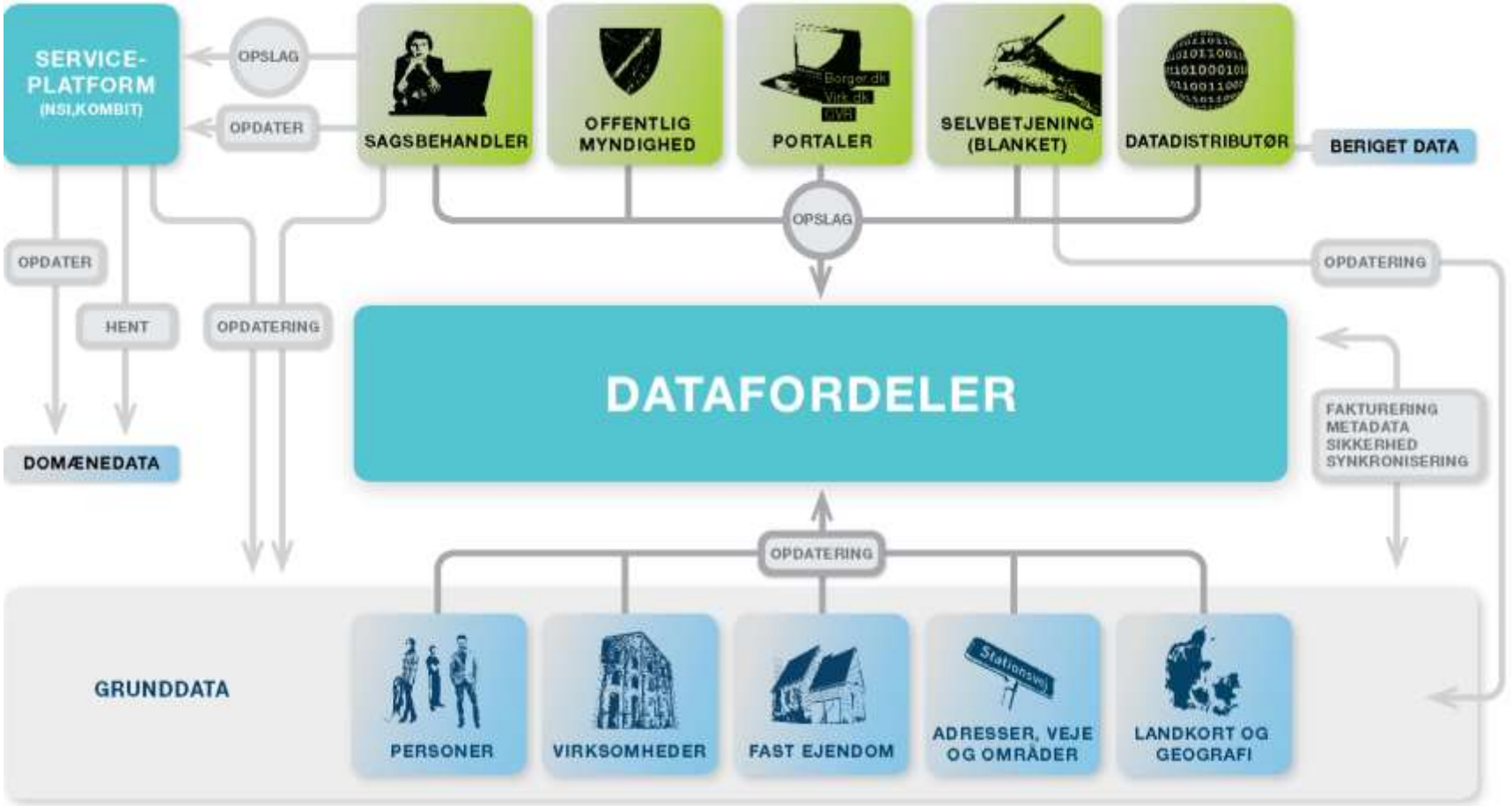
Location based technical facilities

Streams, waterbodies and sea areas

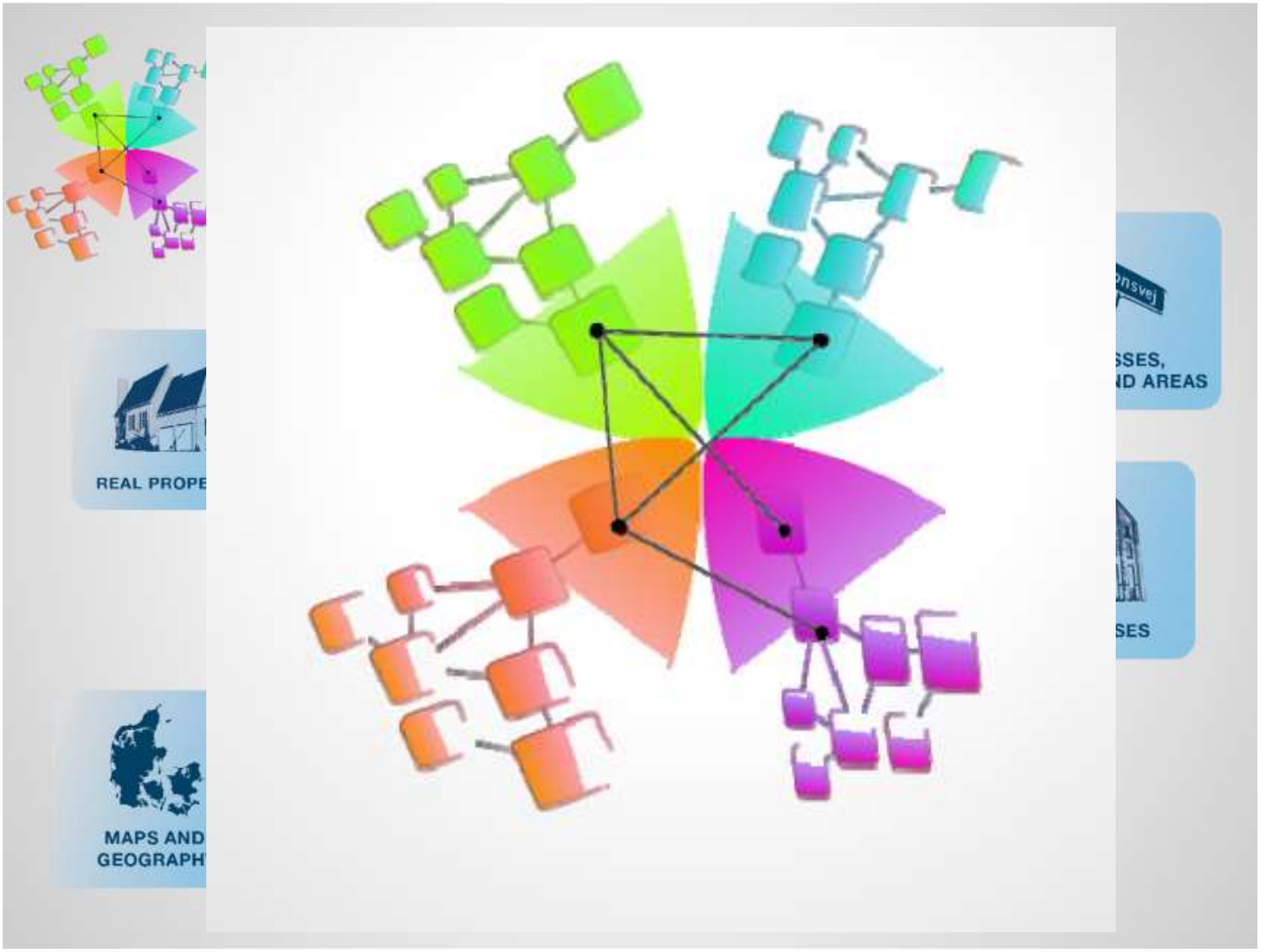
INSPIRE

MAPS AND GEOGRAPHY

# The Data Distributor

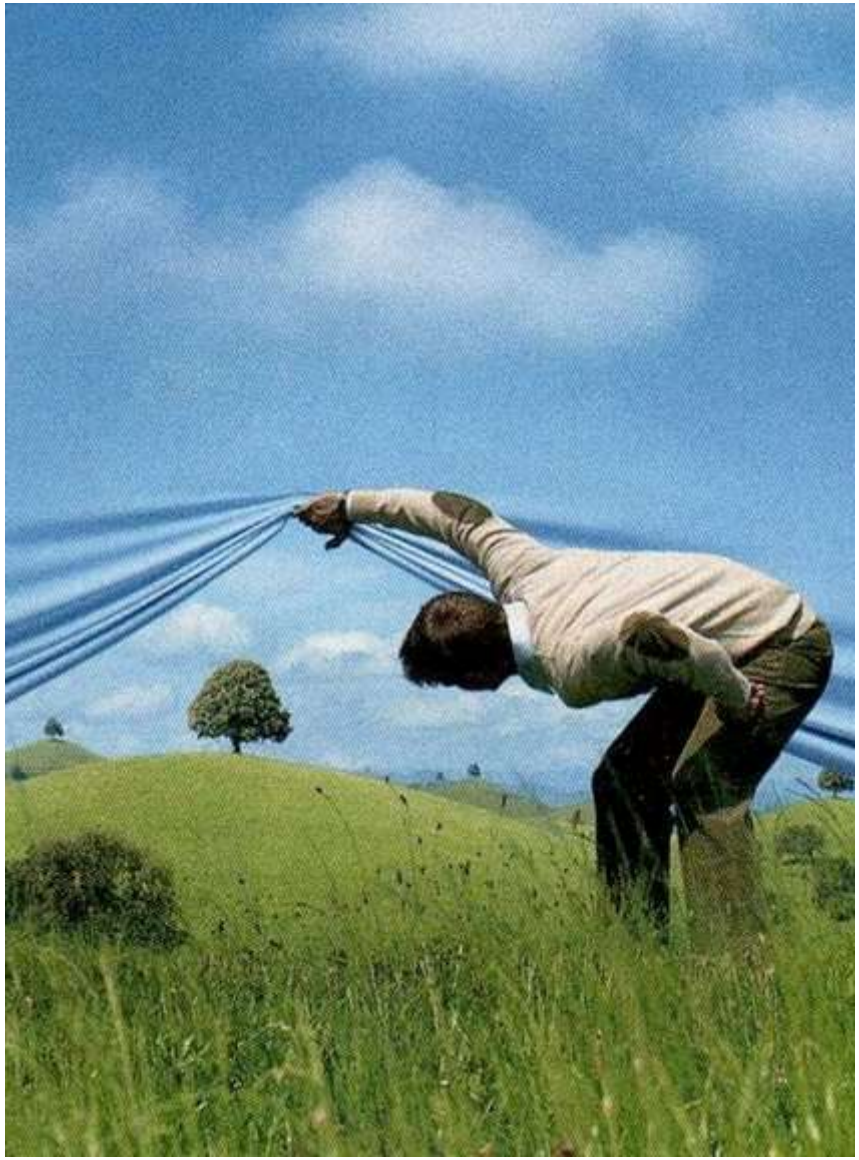


# Common data model – INSPIRE+



# THE INFRASTRUCTURE MODEL

# More…?



## MILESTONES FOR 2015

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

# FOCUS AREA 8
# A SHARED PLATFORM FOR E
# ENVIRONMENTAL ADMINISTR

Our living conditions and well-being rely on a diversity of natural re environment. It is there we plan and manage o and the environment e this, we need cohesive, on the environment thi and authorities can tru

Recent local governme the environmental adn were once the responsi counties, between the regions and municipali ties take care of issues and companies, drawin governmental and pub However, the quality of not consistent, and mu

Many authorities maint bases, storing environr geographical areas that databases. And not all For example, the muni protected natural areas to access across munic making comparisons d

Nearly all municipalities maintain a wealth

sy

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ntly for use across the entire public

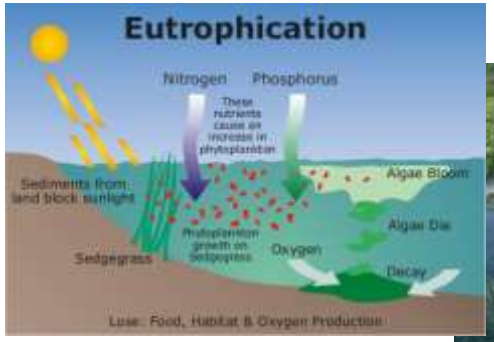
s and companies have easy access
ble, consistent environmental data

nies and citizens use online
rvice solutions, which provide
rview of issues such as planning,
omote efficient communication

Danish Geodata Agency

NATURA 2000

- 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?

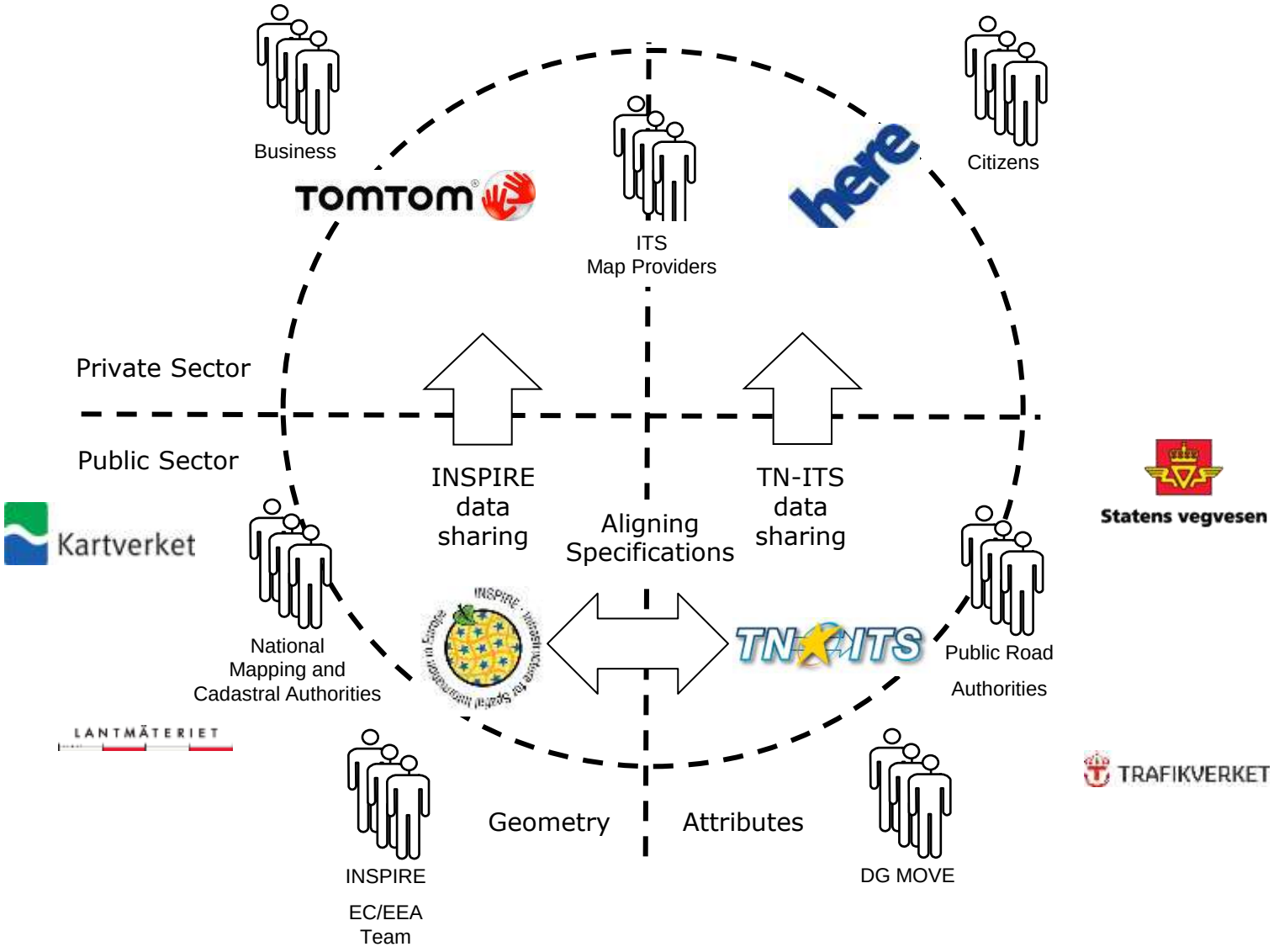


MARINE SPATIAL PLANNING

# 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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