The Danish Basic Data Program, the Data-Distributor (Datafordeleren) and the Covid-19 Pandemic
June 2022

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Introduction

• The Danish public authorities register core information about
  • individuals,
  • businesses,
  • real properties and buildings,
  • addresses, maps and geography.

• This information, called Basic Data, is used every day throughout the public sector.

• High-quality Basic Data is an essential basis for the authorities to perform their tasks properly and efficiently across units and sectors.

• Basic Data is used in a wide range of areas also in the private sector: i.e. in real estate, insurance, financial and telecom sectors.
What were the aims of the Basic Data Program?

The program aimed at securing:

• free, fast and reliable access to public Basic Data,
• enhanced quality and coherent Basic Data updated once and for all at one place,
• increased effectiveness and high-quality public administration through standardized data and interfaces,
• innovation, growth and job creation through opening up for new ways of using and combining public authoritative data,
• a reduction of costs through the use and the sharing of public data.
The 4 pillars of the Program

1. Making Basic Data freely available for everyone.

2. Standardizing Basic Data:
   - The Datamodelling Project

3. Improving the quality of Basic Data and adding new data, where needed:
   - The Real Property and Address Data Projects

4. Improving the availability of Basic Data through a shared and efficient distribution platform:
   - The Data-Distributor Project
Timeline of the Basic Data Program

• 2012 Agreement between the Danish government, the municipalities and the regions on the program
• 2012 Basic Data are made freely available
• 2013 Upstart of the program
• 2013 Development of the Basic Data-datamodel
• 2014 Tender for the development of the Data-Distributor
• 2016 The development of the Data-Distributor-platform is finished and the configuration of the registers begins
• 2017 The first registers are deployed into production
• 2019 The address-data-registers are deployed into production
• 2020 The real-property-data-registers are deployed into production
• 2020 After the deployment of the geodata-registers the partners declare the program for successfully completed
Data-Distributor Usage: Web-service calls 2020-2022
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Who uses Basic Data?

Basic Data is used every day in a wide range of areas within the public administration as well as in the private sector:
Some main users:

- **e-nettet**: represents the financial sector with a focus on business processes related to trading, financing and mortgaging properties.

- **KOMBiT**: represents the municipalities focusing on public administration of properties regarding ownership, taxes, assessment, and cadastre (land registration).

- **Danish Ministry of Taxation - Implementation Center for Property Assessments (ICE)**: has the task of developing a new assessment act, assessment models for property, collecting data, developing a new IT system and designing processes and establishing a new property valuation organization.

- **ATP**: represents Udbetaling Danmark which is a public authority in charge of a number of public services – as different pension schemes, family and maternity benefits.
Finding a new home: boliga.dk
The Covid-19 Pandemic

• In the context of the Basic Data-program and the Data-Distributor the Covid-19 pandemic did not as such accelerate the move towards online mapping, data and statistics services.

• The Data-Distributor was already in production and the steep rise in web-service calls during the pandemic did not take place due to Covid-19, but because older distribution channels were phased out.

• Instead, the Basic Data infrastructure together with the Data-Distributor contributed to curbing the pandemic through supporting the development of public information channels on themes such as i.e. places to get tested or vaccinated.

• A vaccination app was developed within a month through combining the mapping-services of the Data-Distributor with address-information and real-time information about opening hours, queueing-times.
Kort udvikles af Sundhedsstyrelsen med data indsamlet fra de fem regioner. I alt 915 vaccinationssteder.
The Ukraine war: Increased heating prices

- Due to the coherent and standardized data updated once and for all at one place and distributed through one channel with standardized interfaces, the Data-Distributor is a fast and efficient and thus powerful tool for the public management of critical societal issues such as the Covid-19 pandemic.

- Another example could be the social help measures introduced by the government to ease the economic situation of the Danish citizens using gas for heating and thus becoming the victims of the steep rise in oil and gas prices.

- In this case it was possible through the Data-Distributor to find the users of gas heating, gather information about the size of their homes and in the same process calculate and automatically pay the subsidy, they were entitled to.
Questions?