



Danish Ministry of the Environment
Danish Geodata Agency

Open geographical data – the Danish case





THE eGOVERNMENT
STRATEGY 2011-2015

THE DANISH GOVERNMENT /
LOCAL GOVERNMENT DENMARK
OCTOBER 2012

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



Danish Geodata Agency



Content

Danish Geodata Agency gives open access to

- current and historical topographic data
- cadastral map
- Danish Elevation Model - updated

Danish Geodata Agency income from the private sector will be financed by the Min. of Finance (gains from a more effective public sector)

Public sector agreements adjusted (funding transferred)

The data should be open for everybody by Jan. 1st 2013

Nautical charts are not included



The contracts

More than 400 contracts have been terminated and credited



Digital Map Supply/Download

Kortforsyningen - download - Windows Internet Explorer
http://download.kortforsyningen.dk/

Miljøministeriet
Geodatastyrelsen

KORTFORSYNINGEN
DOWNLOAD

Geodataprodukter > Vilkår og betingelser > Hjælp > Om Kortforsyningen/Download

Korttype: - Alle -
Aktualitet: - Alle -
Datastruktur: - Alle -
Dataskema: - Alle -

DAGI (AdministrativeUnit)
En forvaltningsenhed, hvor en medlemsstat har og/eller udøver jurisdiktion på lokalt, regionalt og nationalt plan.
Korttype: Landinddelinger, Datastruktur: Vektor, Aktualitet: Aktuelle, Dataskema: INSPIRE

Danmark 1:200.000
Et topografisk kort i målestoksforholdet 1:200.000. Det primære indhold er byer, vejnettet og turistinformationer og kortet egner sig derfor godt som oversigtskort.
Korttype: Topografiske kort, Datastruktur: Vektor, Aktualitet: Aktuelle, Dataskema: Nationale

Danmark 1:500.000
Et topografisk kort i målestoksforholdet 1:500.000. Kortet giver et overblik over hele landet uden at vise mange detaljer. Det primære indhold er byer og større veje.

Log ind
Brugernavn *
Password *
Opret ny bruger
Glem password
Log ind

Kurv
Kurven er tom

Udført

start Sent Items - Microso... C:\Documents and Se... Microsoft PowerPoint ... Kortforsyningen - do... 12:04



Positive Business Case



Open data in Denmark is an **investment**

- Growth in the private sector (100 mio. d.kr. pr year)
- More effective public sector ('paying the party')



Open data – what happened?

2012 – 800 users

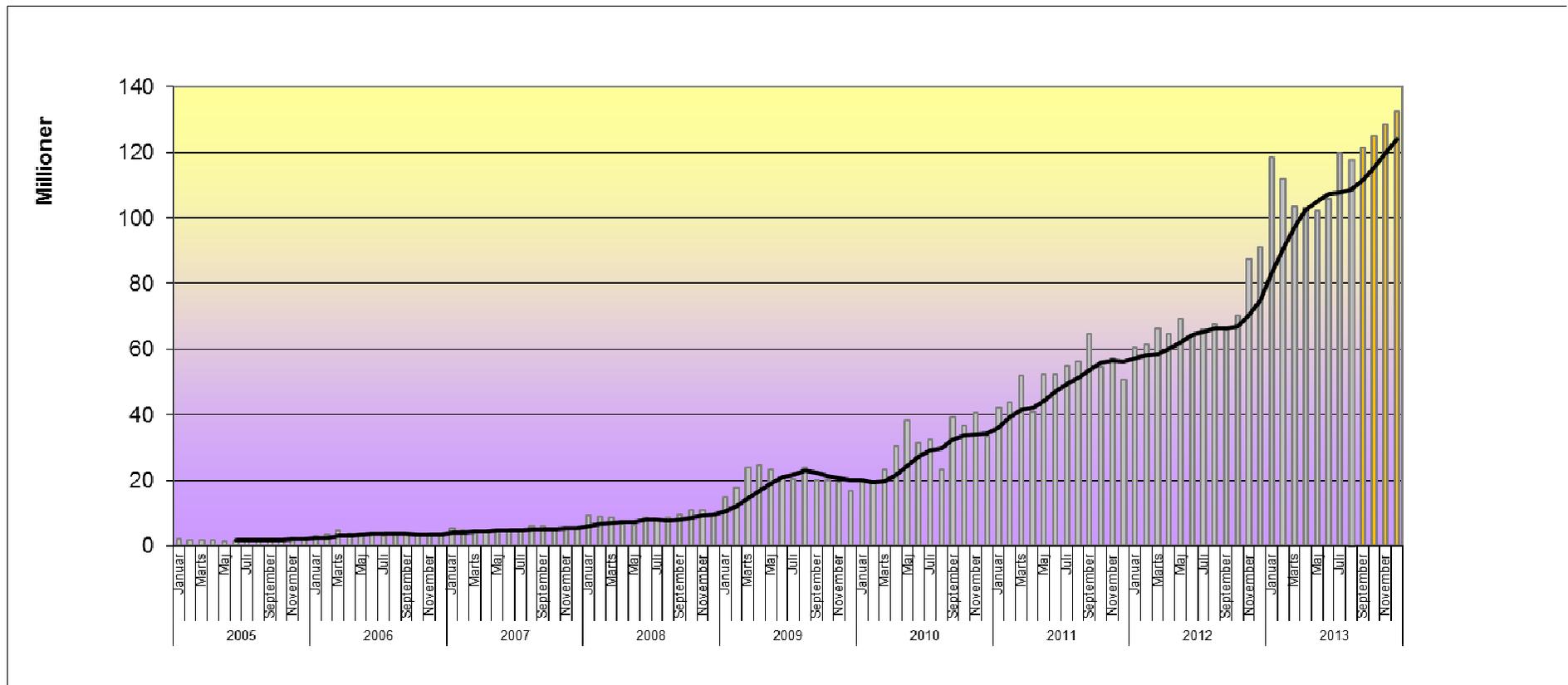
Dec. 2013 > 10.000 users

June 2014 > 23.000 users (inkl. Minecraft)

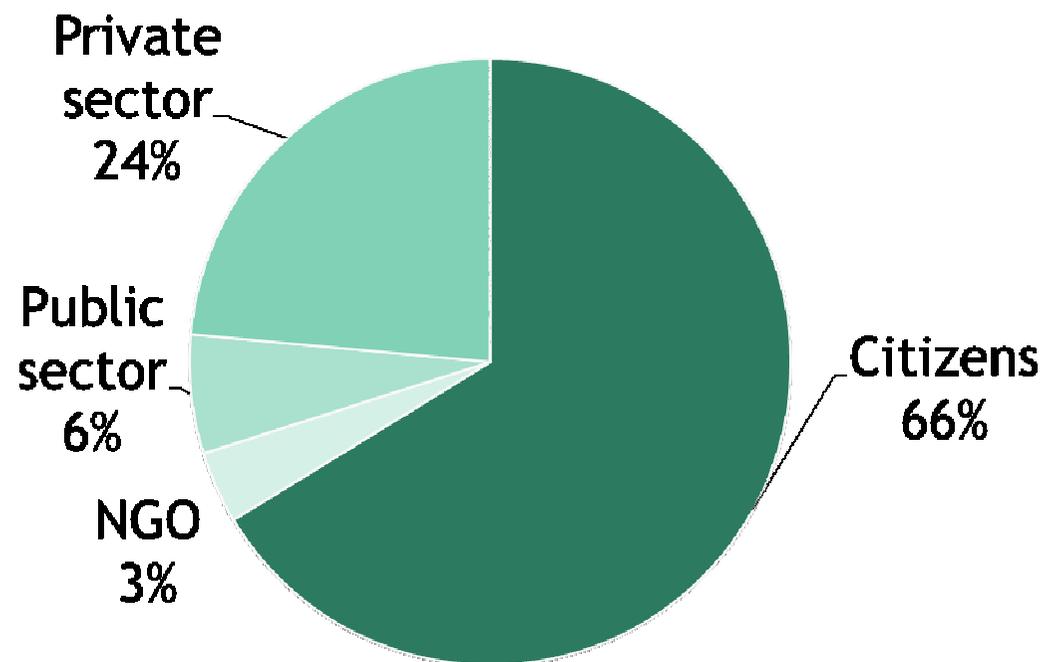


How many?

Digital May Supply (Web Map Service) – 2005-2013



Open data – Who are the new users?



Potentials

Public sector

- 40% indicate that the data will be of importance for the efficiency in the performance of tasks in 4-5 years
- 80% indicate that there is a savings potential in using geodata

Private sector

- Watch and wait – 5.5 % market growth – new positive indications
- Games (Minecraft), Finance, Insurance, Cord owners/teleindustry, marketing,



Lets have a look at the data

<http://www.gst.dk/>



The new LIDAR data

Facts:

10 times more data

Combine old and new LIDAR

Categorisation

```
#According to the project plan (table 4.1, page 43) we will receive following classes:  
created_unused=0  
surface=1  
terrain=2  
low_veg=3  
med_veg=4  
high_veg=5  
building=6  
outliers=7  
mod_key=8  
water=9  
ignored=10  
bridge=17  
man_excl=32  
  
#a list to iterate for more systematic usage - important for reporting that the order here  
classes=[0,1,2,3,4,5,6,7,8,9,10,17,32]
```



The new LIDAR data

<http://labs.septima.dk/dhm14/>



Thank you

