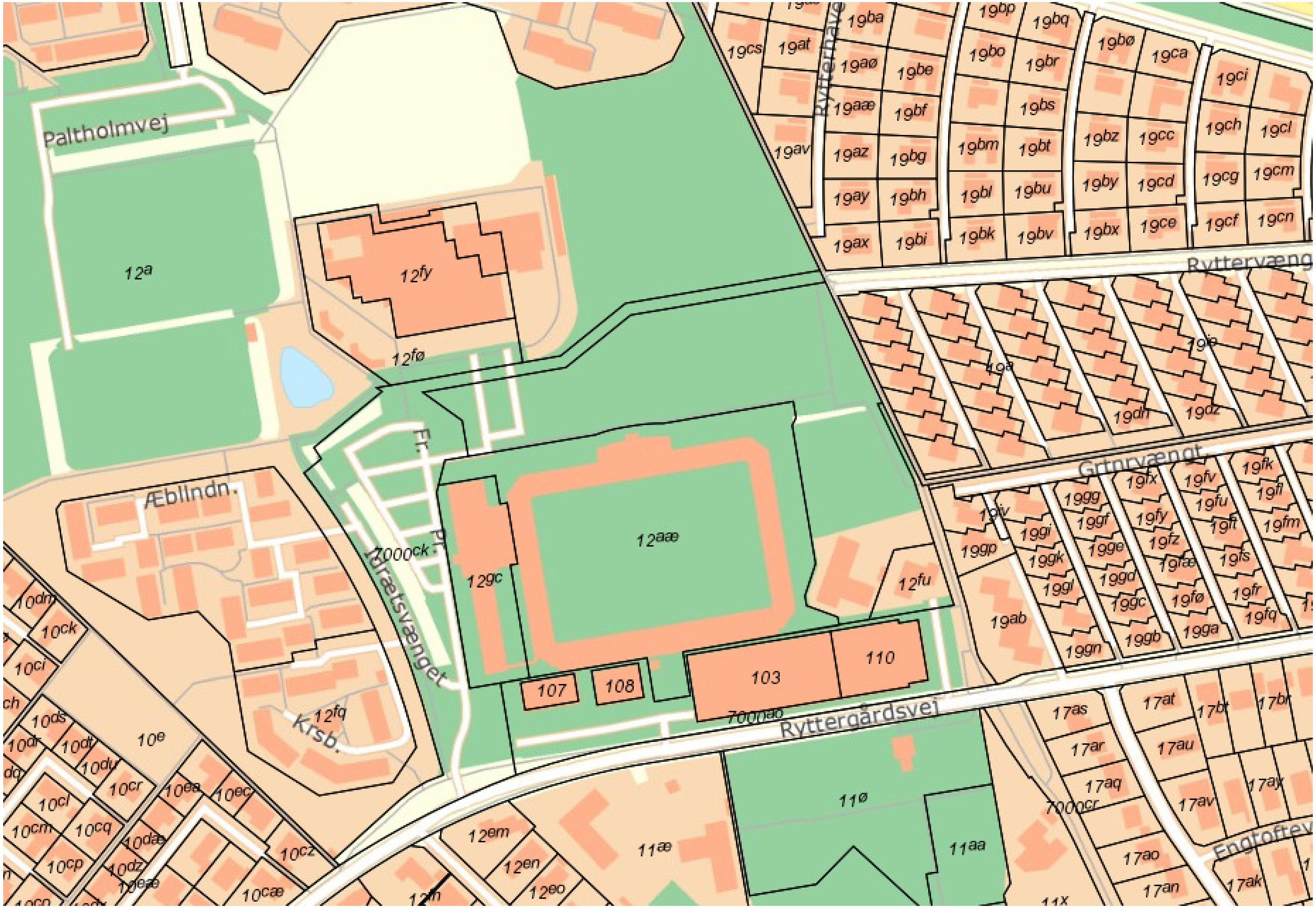

Danish Ministry of the Environment
Danish Geodata Agency
Open geographical data
– the Danish case

THE eGOVERNMENT STRATEGY 2011-2015

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

THE DANISH GOVERNMENT / LOCAL GOVERNMENT DENMARK
OCTOBER 2012

Danish Geodata Agency


Paltholmvej
12a
12fy
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Idrætsvænget
Krsb.
12fq
10e
12gc
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12fu
107
108
103
110
Ryttergårdsvej
11ø
11aa
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12em
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12eo
19ab
Ryttervæng

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)

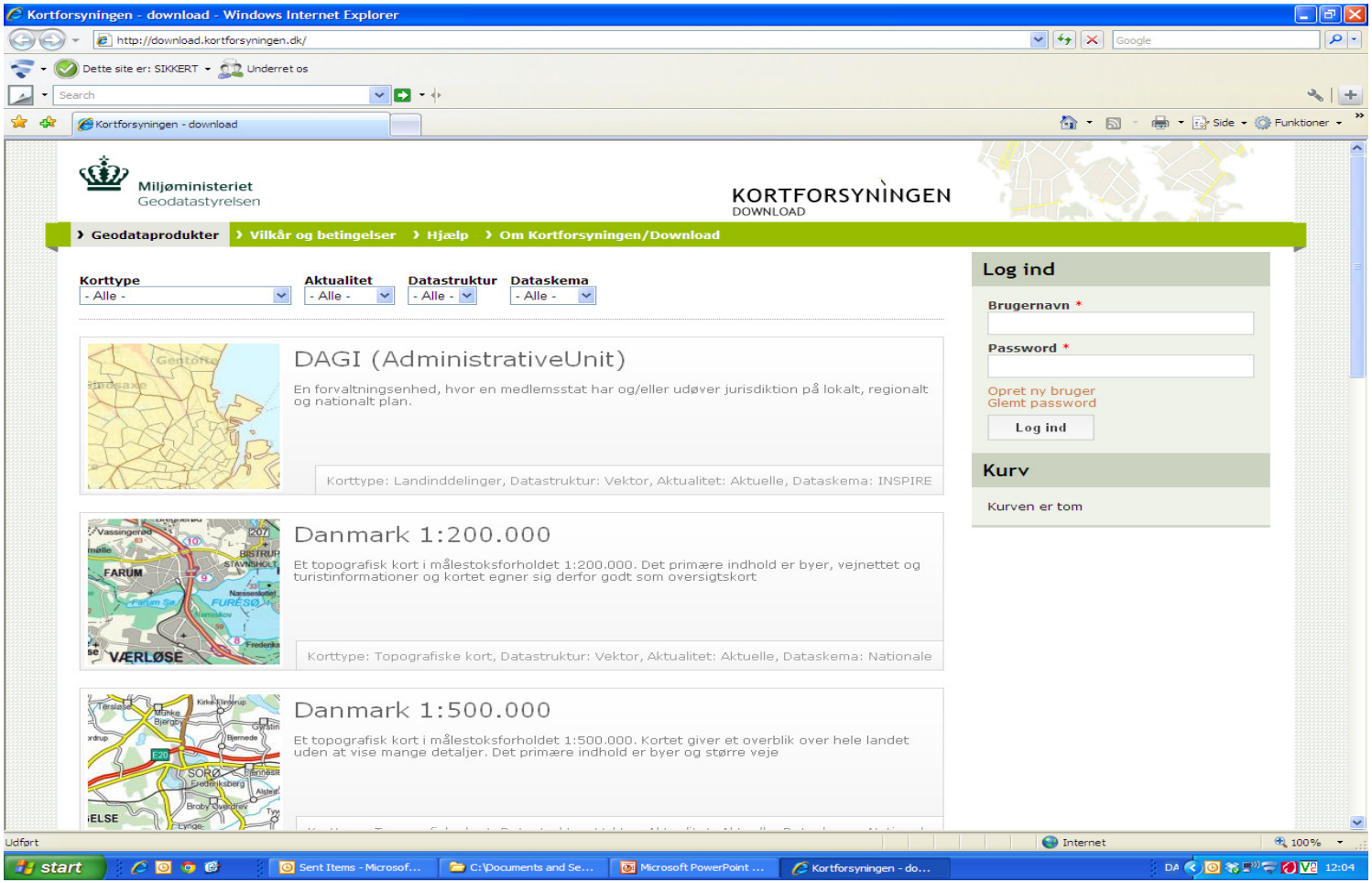
The data should be open for everybody by Jan. 1st 2013

Nautical charts are not included

The contracts

More than 400 contracts have been terminated and credited

Digital Map Supply/Download



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?

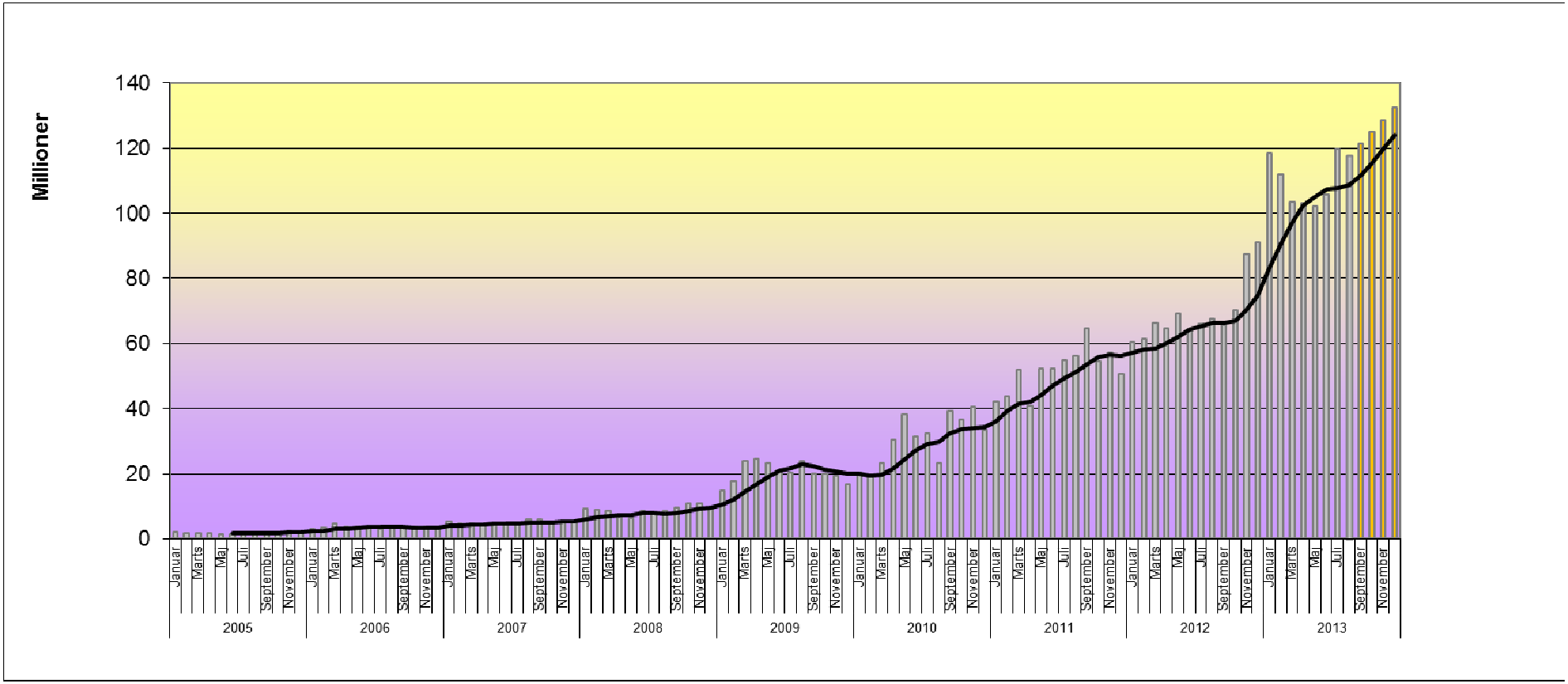
2012 – 800 users

Dec. 2013 > 10.000 users

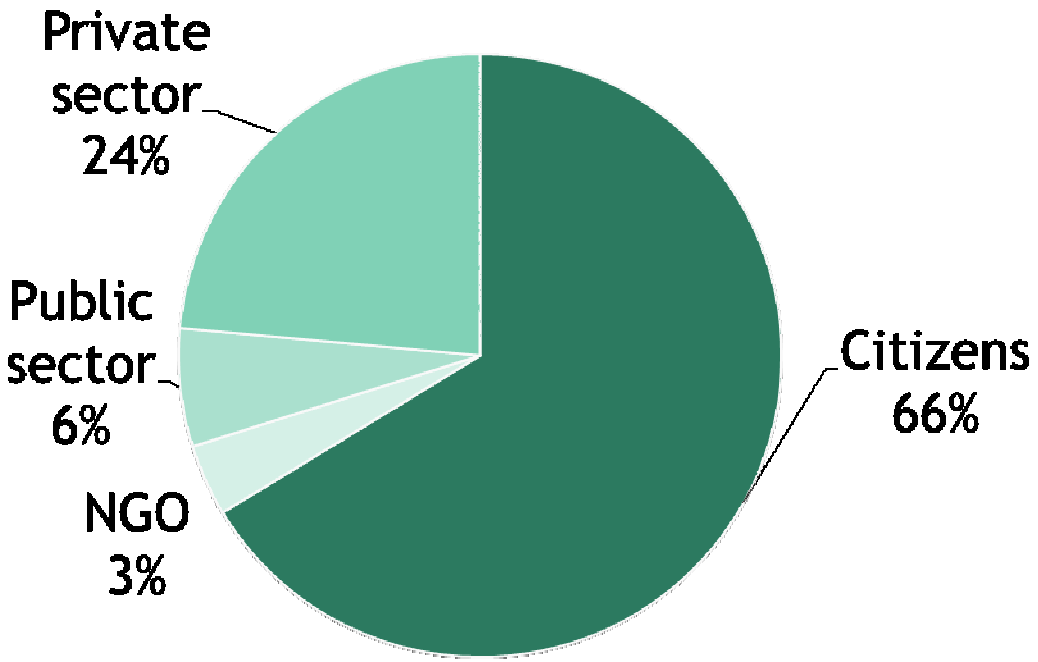
June 2014 >23.000 users (inkl. Minecraft)

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