Smart@Helsingborg
"the World's most engaged citizens"

Stad + Data = Makt

Kart/GIS-dag SamGIS Skåne
6 december 2017

Photo: Andreas Fernbrant

Urbanisering

En urbaniserad värld
År 2025 bor drygt 10 miljoner människor i Sverige och de flesta bor i våra tre storstadsregioner.

Fram mot år 2050 har inflyttningen till storstadsområdena lett till att innerstaden har blivit tätare, men också till att storstadsområdena nu innehåller flera städer med egna kärnor.

Boverket

VISION FÖR
SVERIGE 2025

Illusion: Erik Johansson (Bending Reality – Dunkers Kulturhus 2017)

Städer har utmaningar att lösa tillsammans

Figure 3: Map of Europe based on population and GDP per inhabitant (click to enlarge)

GDP

(% of the EU-27 average, EU-27 = 100)

- < 53
- 53 - 82
- 82 - 97
- 97 - 116
- > 116
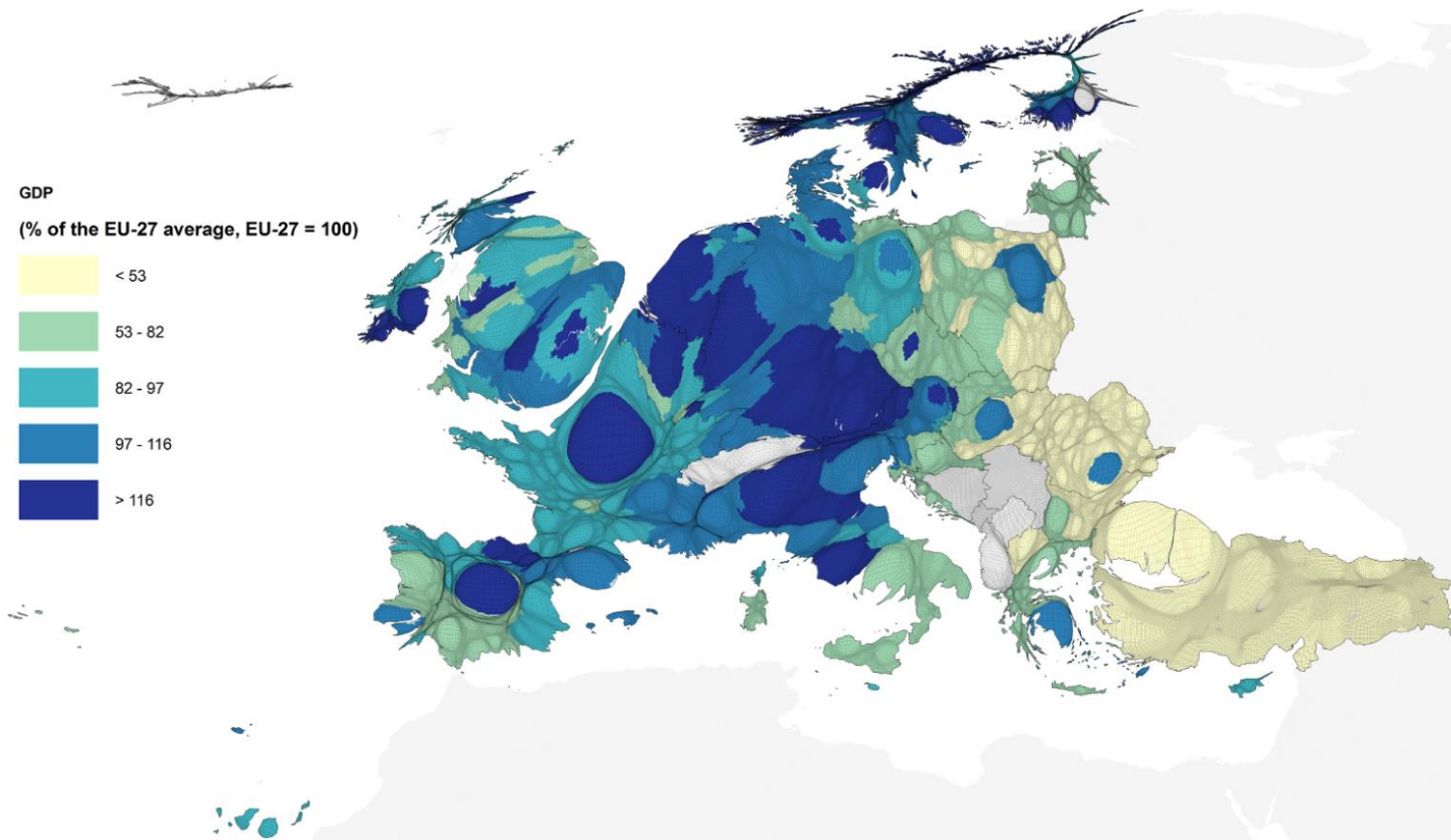
Note: The size of the territories represent the number of people living in each area, while the colour represents the GDP per inhabitant (ranging from low GDP per inhabitant in light yellow, to high GDP per inhabitant in dark blue). This is defined as Gross domestic product (GDP) per inhabitant, in PPS by NUTS 2 regions (% of the EU-27 average, EU-27 = 100), 2010 based on data from the Eurostat Regional Yearbook 2013 (Turkey at national level). Basemap: Hennig Projection Gridded Population Cartogram. *Source:* The Social Atlas of Europe

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The Economic Size of Metro Areas Compared to Countries

Ireland
$294B

Qatar
$152B

$294B — Seattle-Tacoma-Bellevue WA

$152B — Portland-Vancouver-Hillsboro OR-WA

Portugal
$205B

Argentina
$546B

Bangladesh
$221B

Boston-Cambridge-Newton MA-NH

New York-Newark-Jersey City NY-NJ-PA

Norway
$371B

Canada
$1.53T

$372B

$1.43T

Minneapolis-St. Paul-Bloomington MN-WI — $218B

Detroit-Warren-Dearborn MI

Philadelphia-Camden-Wilmington PA-NJ-DE-MD — $224B

Austria
$386B

San Francisco-Oakland-Hayward CA — $406B

Chicago-Naperville-Elgin IL-IN-WI — $569B

$381B

Baltimore-Columbia-Towson MD — $165B

Nigeria
$405B

San Jose-Sunnyvale-Santa Clara, CA — $237B

$180B — Denver-Aurora-Lakewood CO

Washington-Arlington-Alexandria DC-VA-MD-WV — $449B

Iraq
$171B

Belgium
$466B

Los Angeles-Long Beach-Anaheim CA — $885B

Finland
$237B

San Diego-Carlsbad CA — $191B

$203B — Phoenix-Mesa-Scottsdale AZ

Atlanta-Sandy Springs-Roswell GA — $320B

Hong Kong SAR
$321B

Turkey
$858B

Greece
$195B

Dallas-Fort Worth-Arlington TX — $471B

Houston-The Woodlands-Sugar Land TX — $442B

Miami-Fort Lauderdale-West Palm Beach FL — $289B

Colombia
$282B

Vietnam
$203B

New Zealand
$185B

Poland
$470B

Thailand
$407B

Article & Sources:
https://howmuch.net/the-economic-size-of-metro-areas-compared-to-countries
http://databank.worldbank.org/data/download/GDP.pdf
https://www.bea.gov/newsreleases/regional/gdp_metro/2017/pdf/gdp_metro0917.pdf

howmuch.net

Data

ökar i

volym

och i

värde

All Global Data in Zettabytes

1ZB = 1,126,000,000,000,000,000,000 bytes (approx)
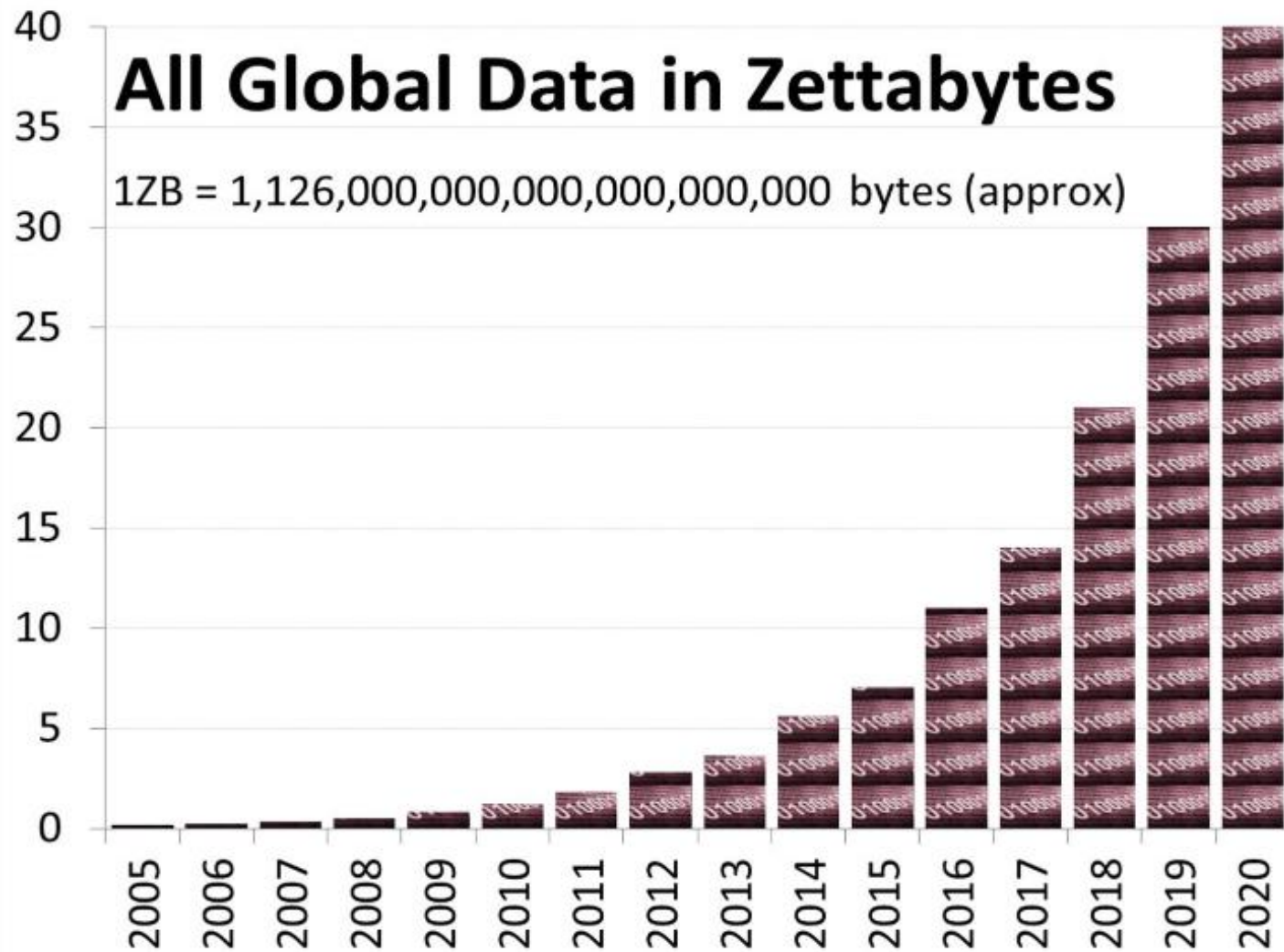
Data is the new oil

The Economist

Crunch time in France
Ten years on: banking after the crisis
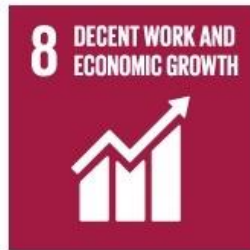South Korea's unfinished revolution
Biology, but without the cells
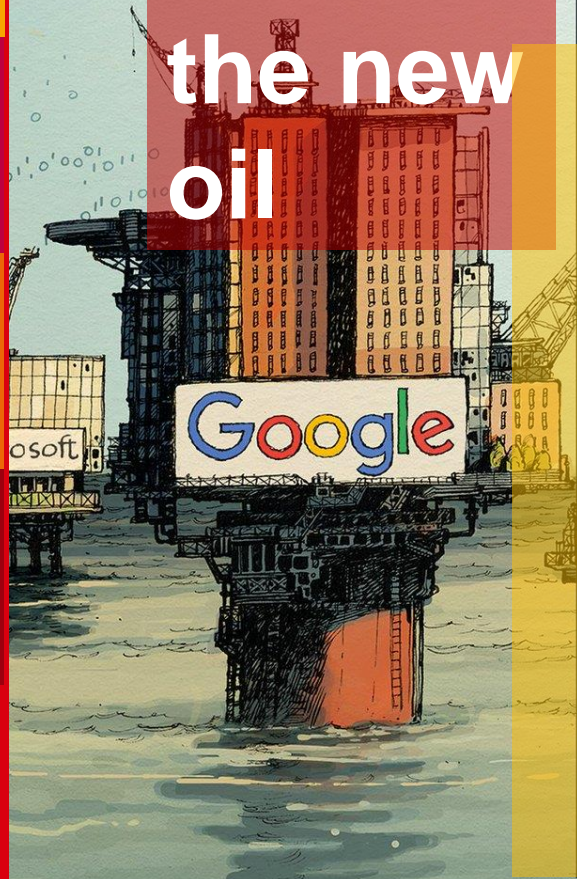
MAY 6TH–12TH 2017

The world's most valuable resource

Urbana data

Stad + Data = Makt

Superhero?

Big Brother?

Photo: Lotta Ahlberg

THE GLOBAL GOALS
For Sustainable Development

Engagerade invånare

Smart City = Smart, enabled and connected people

Co-creating

Ex.
- PixlaPiren
- DrottningH
- Volontärcenter
- Guide Hbg

Self serving

Ex.
- E-tjänster
- Bygglovs(web)app
- CRM – Mina Sidor
- Smarta vardagstjänster

Open

Ex.
- Free Wifi
- Open Intranet
- Searchable public documents
- City plan 2017
- The charman summary on FB

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"the World's most engaged citizens"

Data

Challenges

Engaged citizens

Open and accessible platforms

Smart city

Matching challenges with solutions

Open innovation in partnerships

Blueprint

Arenas

Photo: Andreas Fernbrant

Challenges

Challenges – identifying the why and what
- Find "the daily life pains" of the citizens .
- Give life to good ideas
- Sort out and describe the challenges

Arenas

Arenas – both physical as digital
- To support co-working and co-creation
- To match challenges with solutions
- To meet like-minded or end users

Blueprint

Blueprint – how to be a smart city
- To share and "steal" good practices in collaboration with other cities and organizations
- Defining the digital ecosystem
- Co-funding and partnerships

Data

Data – the new oil
- Provide data as an asset for smart solutions
- Opening up the city as an programmable city
- Data-driven labs to make new insights

Finding new ways

If you want to increase your success rate, double your failure rate. –Thomas Watson Jr.

Robbie Jones for FAST COMPANY

There should be one or more building blocks based on innovation or experimentation.

Finding new solutions to our challenges is often about finding new ways of doing things. Combining knowledge and technology in new ways and in other usages can many times be more efficient than new technology. And with that said we still love new technology!
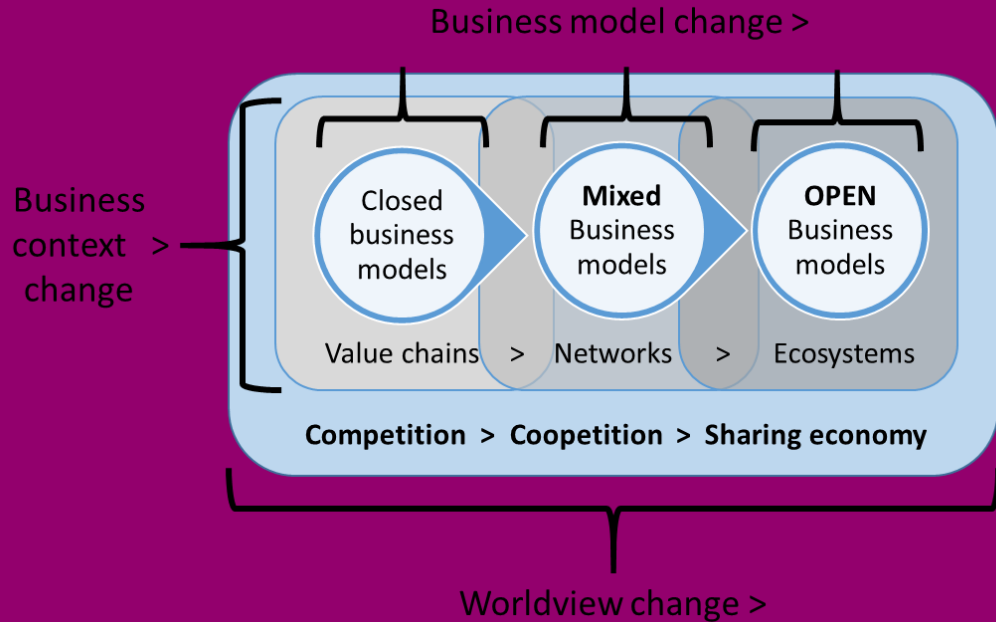
To succeed we must also be open about the risk of failure. Learning from failures is often the best way to reach innovation.
Try, fail, innovate!

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The digital ecosystem

Business model change >

Business context > change

| Closed business models | Mixed Business models | OPEN Business models |

Value chains > Networks > Ecosystems

Competition > Coopetition > Sharing economy

Worldview change >

As a city, university, company or citizen we must learn to collaborate, co-work and co-create.

A truly smart initiative is not only driven by one part but in collaboration with other partners in partnership.
As a city we must also trust others to provide better services to the citizens. In a smart digital ecosystem we are aiming for win-win-win situations.

Co-funding is one approach. Open innovation is another. What we need is the right mindset:
Sharing is caring!

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Target challenges

THE GLOBAL GOALS
For Sustainable Development

The development or use of new technologies must target the challenges to improve the quality of life, providing better services or any aspect of sustainability.

All actions should therefore be connected to one of UN Sustainable Development Goals (SDGs).

We also believe that a smart city is about engaging the citizens. We like to think that every citizen is a co-worker of ours. With 140 000 citizens we like the idea of 140 000 employees!

LET'S BRAG

SVERIGES

#1 KVALITETS

KOMMUN 2017