

Modern, citizen-centred data stewardship for the common good: Why do we have to go beyond the GDPR?

Juuso Parkkinen, PhD, @ouzor MyData.org and Nightingale Health (Finland) BeyondRCT, 25 September 2018, Amsterdam



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Image adapted from https://www.trueprocess.com/the-future-of-medicine-predictive-personalized-preventive-participatory/

Based on extensive health data collection and use!

In practice





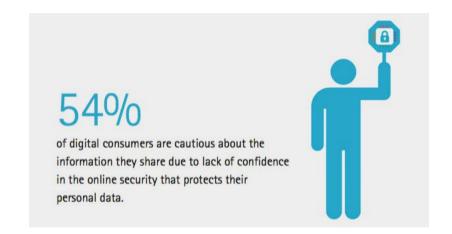




Growing concerns

Healthcare Data Privacy, Security Concerns Hinder Digital Adoption

A recent survey shows that half of organizations are hesitant to adopt mobile and digital options because of healthcare data privacy and security concerns.



US & WORLD \ TECH \ HEALTH \

1.5 million affected by hack targeting Singapore's health data

The business is moving

More U.S. Hospitals Testing Apple's Software Than Google's

Google's Deep Mind artificial intelligence unit joins cancer fight with nanotechnology

IBM unveils Watson Health Cloud to reduce healthcare costs

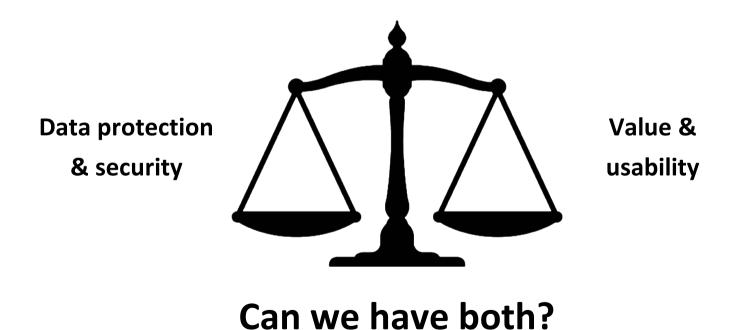
Apple and IBM unveil new apps for nurses

Apple ResearchKit Now Available To All Medical Researchers

Google To Create Robotic-Assisted Surgical Platform with J&J

Who gets the value?

The personal data challenge



MyData



Individuals should be in control of their own data.

But why?



It is a basic digital right.

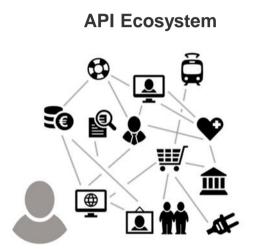
Control enables value creation.

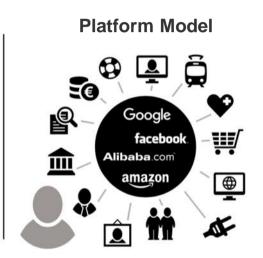
MyData

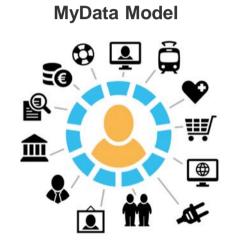


The MyData approach aims at strengthening digital human rights while opening new opportunities for businesses to develop innovative personal data based services built on mutual trust.

Three Models







Individual as:

Connection point: data from one person can be connected

Control point: Individual decides who uses her data and how by giving consents



Lots of data usage

Google
facebook
Alibaba.com
amazon
Organisations decide

MyData

People decide

Less usage of personal data





Weak
Data Protection

Strong
Data Protection

MyData movement

ALTERNATIVE VISION



GUIDING PRINCIPLES

- 1 Human Centric
- Usability of Data
- Open Business Environment

MEETINGS & CONFERENCES



GLOBAL NETWORK

MyData global organisation founding meeting on October 11th



Individual Working White Paper thinkers Group in Finnish

Gov. White Paper agenda in English

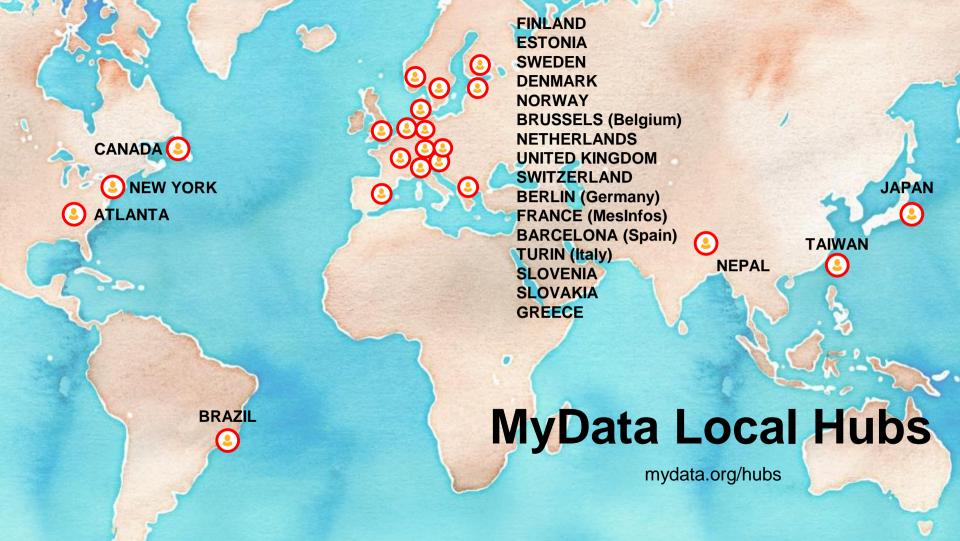
EU Commission "PIMS round table"

2016

MyData Conf. 2016

2017

MyData declaration



Practical examples











































My data - Our health

Our Health







5 NEW TREATMENTS



MIDATA enables you to gather all your different health-relevant and other personal data (1) in one secure place (2).

You can decide (3) to share data with friends or physicians or to participate in research by providing access to subsets of your data (4).

In that way you contribute to the development of new treatments for OUR HEALTH (5).



PURPOSE OF Holland Health Data Cooperative

- You manage the key to your data
- The cooperative will take care of the collective utilization of that data for you in the interest of you
- The proceeds will be reinvested in a new health economy: an economy that has an interest in your health instead of your illness

Nightingale Health – solving the global burden of chronic diseases

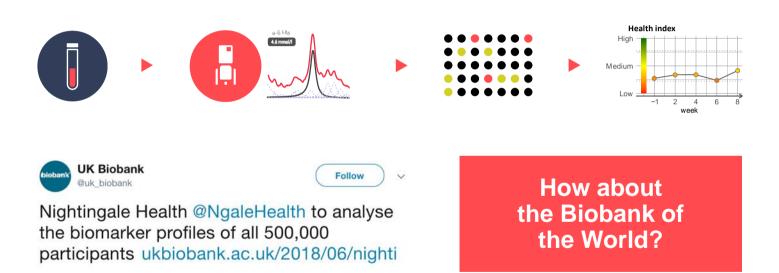


Nightingale has built a **blood testing technology** that helps us forecast our health in chronic diseases.

We measure, analyse and refine essential health data to enable preventive & personalized healthcare.

Nightingale 19

Nightingale Health – solving the global burden of chronic diseases



Nightingale 20

Recap

To enable **human-centric**, **personal data** –driven future of healthcare, we need

- privacy and data protection.
- value from collective use of personal data.

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