

### Openness of the Finnish SDI

Jaana Mäkelä, Spatineo

Workshop "Towards a Map of Open SDI/INSPIRE" INSPIRE Conference 2017







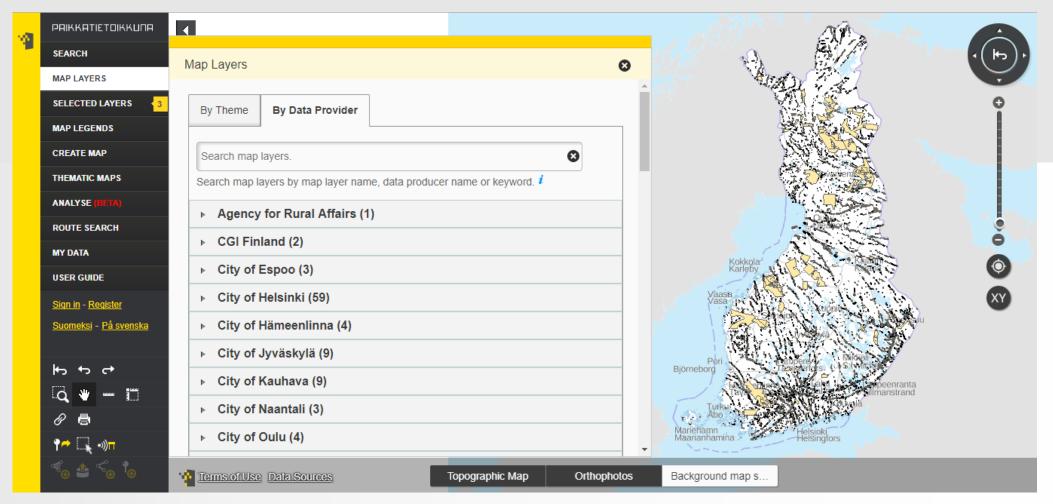


## Open Data Policy in the Finnish Government

- In 2012 Government's decision in principle of open public data
  - How to improve the availability of public data and enhance the reuse
  - In budget negotiations the Ministry of Finance required a plan for opening of data from each state organisation
- The Open data Programme 17 May 2013 to 30 June 2015
  - Eliminate obstacles to the re-use of public data and create the preconditions for open data within the public administration.
- The Open data policy for 2015 2020
  - The new government program highlights the re-use of open data in business.



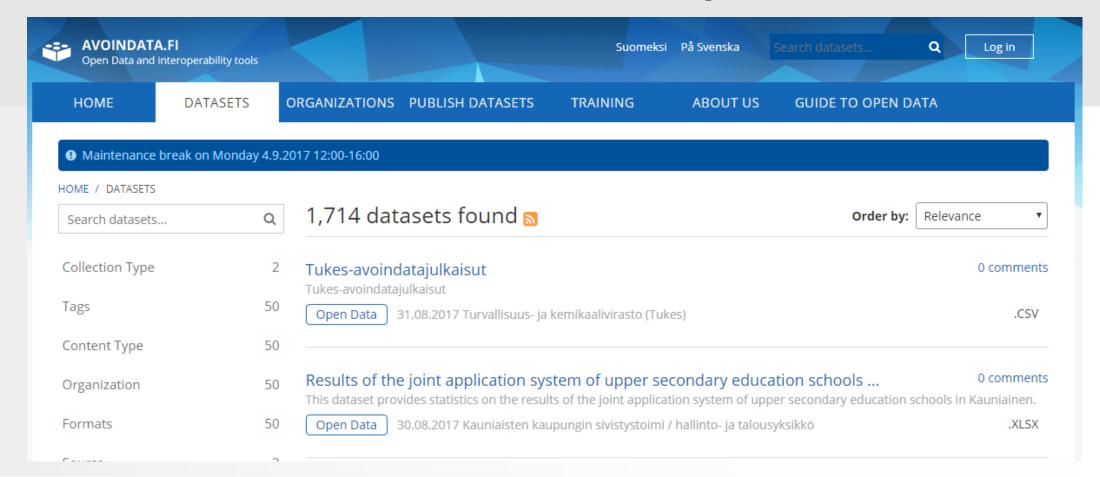
## Open INSPIRE services at the National Geoportal



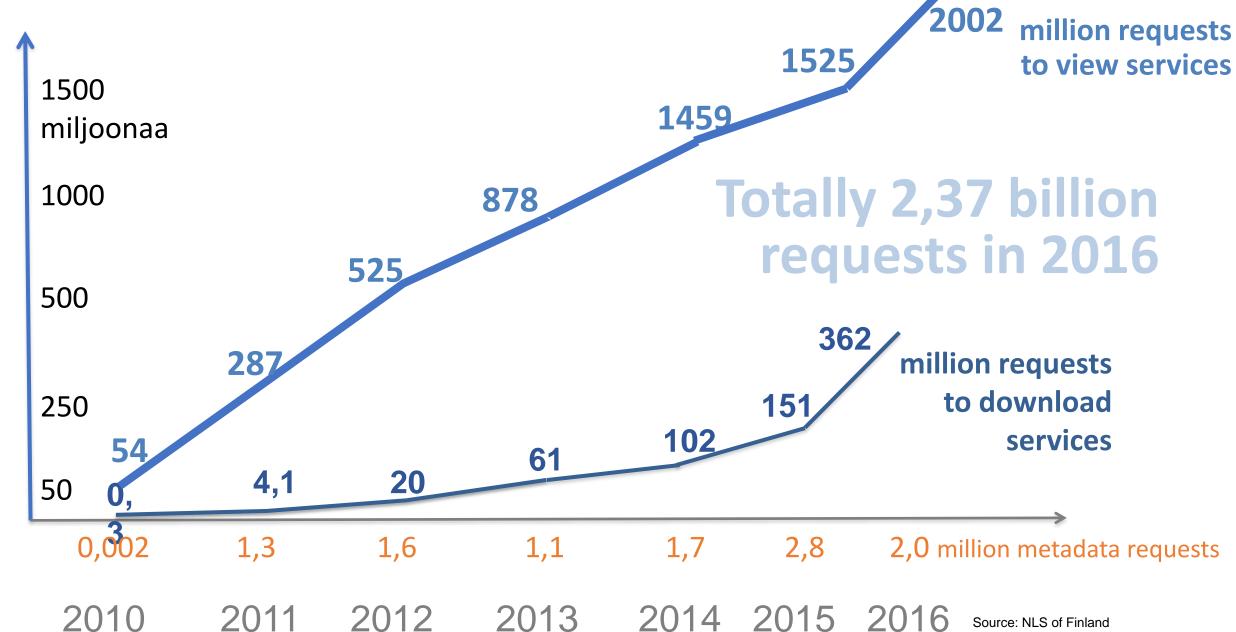
Source: https://kartta.paikkatietoikkuna.fi/?lang=en



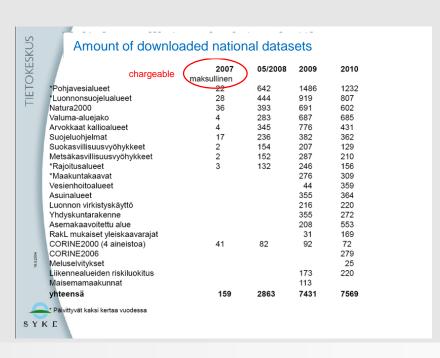
# Open spatial datasets can also be found from the National Open Data Portal

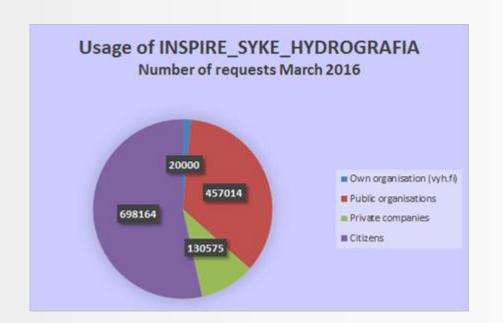


## The use of INSPIRE services in Finland Spatineo



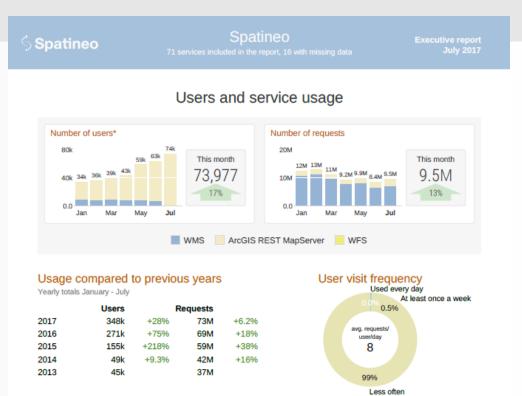






## Finnish Environment Institute, SYKE

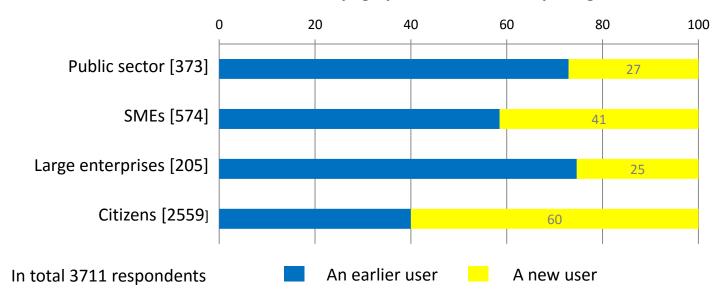
One of the pioneers - opened their spatial databases in 2008





# Opening of topographic data has encouraged relatively more new users in SMEs (41%) and among citizens (60 %)

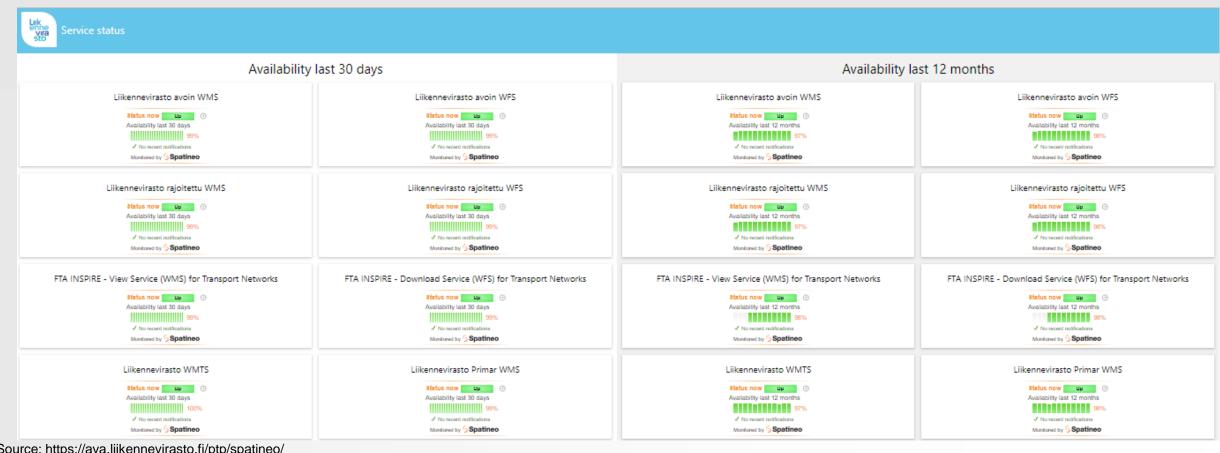
### New users of topographic data after the opening





### Finnish Transport Agency

One of the pioneers - opened Digiroad, road and street information database, already in 2005



Source: https://ava.liikennevirasto.fi/ptp/spatineo/



# Finnish Meteorological institute offers software as open source code

- Software that is used in the production, processing and distribution of weather and environment data.
- Open source code is supporting research projects, international collaboration, development collaboration and business in Finland.

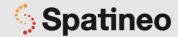




# Six Finnish cities join forces to become better and smarter

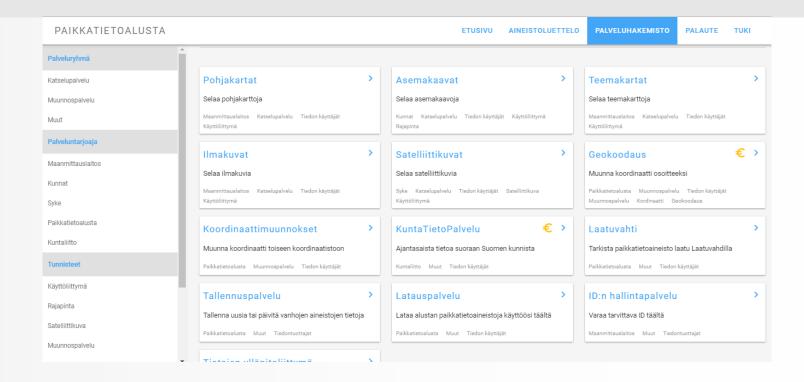
## Six cities, 30% of Finland's population asukasta kuutoskaupungeissa Oulu Tampere O Helsinki Espoo Vantaa

- Focus areas:
  - Open data and interfaces
  - Open participation and customership
  - Open innovation platforms
- Budget 100 million euros
- https://6aika.fi/in-english/



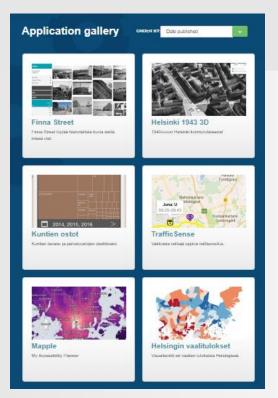
## A new public sector Spatial Data Platform

**Enables an active and beneficial ecosystem?** 















New innovations based on

open spatial data



### Spatineo





- Co-operative body for companies in GEO-ICT business.
- The focus is to encourage businesses in the field, to ensure the development of competence, support the internationalization and clarify the roles of the public and private offering of services.
- http://flic.fi/in-english/



# Spatial Data Policy Report to the Parliament during autumn 2017

- A recent inventory of INSPIRE datasets and services
  - 26 state authorities produce spatial data, 17 are INSPIRE obliged
  - 12 research institutes
  - 365 datasets
    - 105 datasets in the national catalog
    - 229 datasets are open

- What are the tasks and responsibilities of public sector in the Finnish National Spatial Data Infrastructure
- How spatial data and services would benefit the society as much as possible
- The report includes an action plan how to reach the goals



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