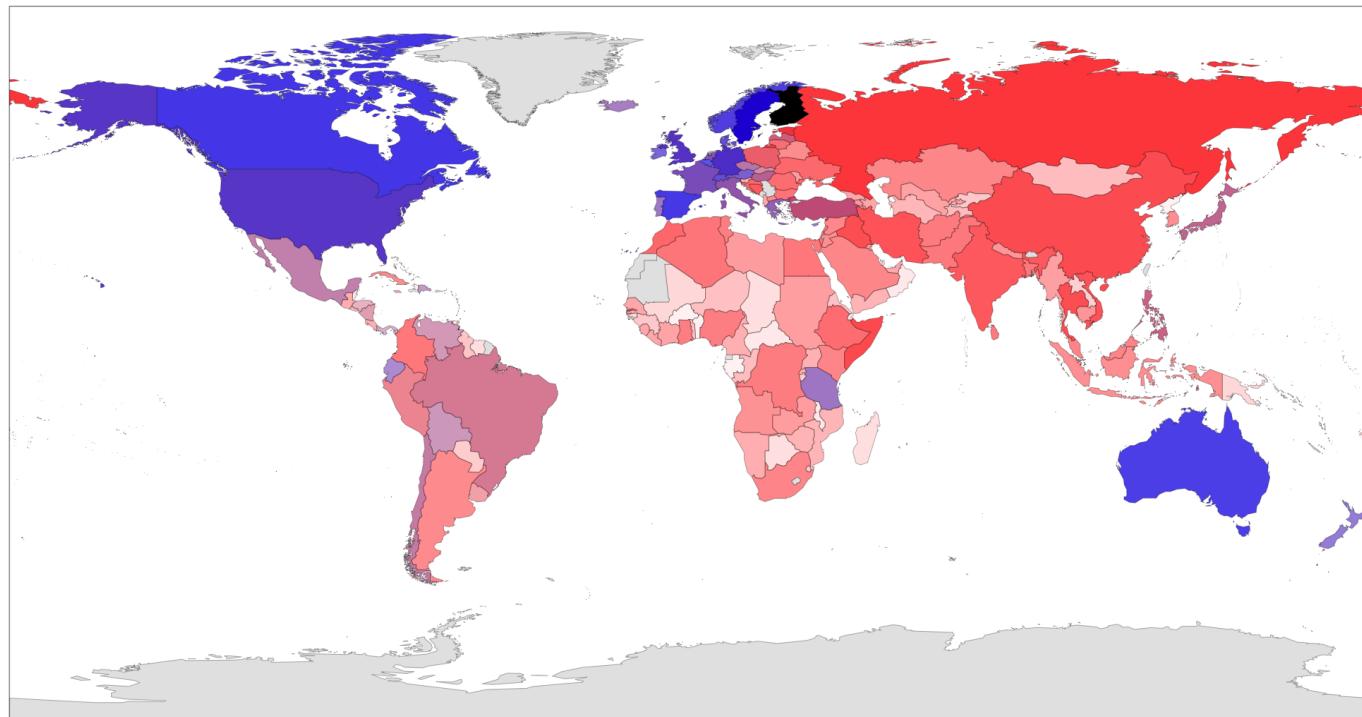


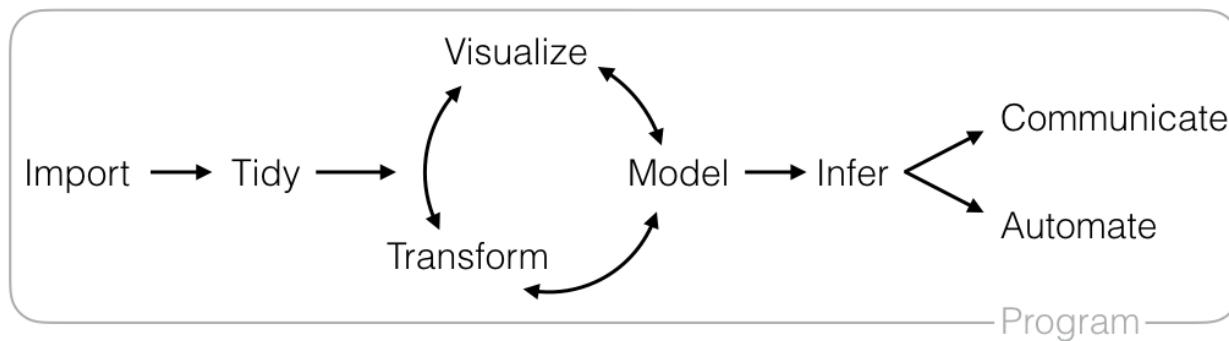
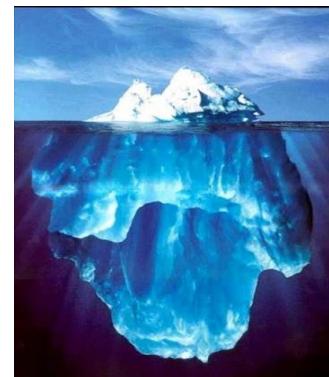
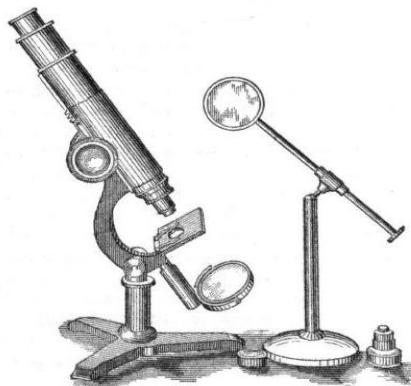


community project for open government data



Leo Lahti, University of Turku, Finland | [@antagomir](#)
UseR!2017 Jul 6, 2017 - Brussel, Belgium

Vision: synergy - productivity - fun !



H. Wickham <https://github.com/rstudio/RStartHere>

Mission?

Connect like-minded developers & users to

- foster tight community & collaboration
- feed curiosity & creativity



individual
packages &
users

rOpenGov

ecosystems &
communities

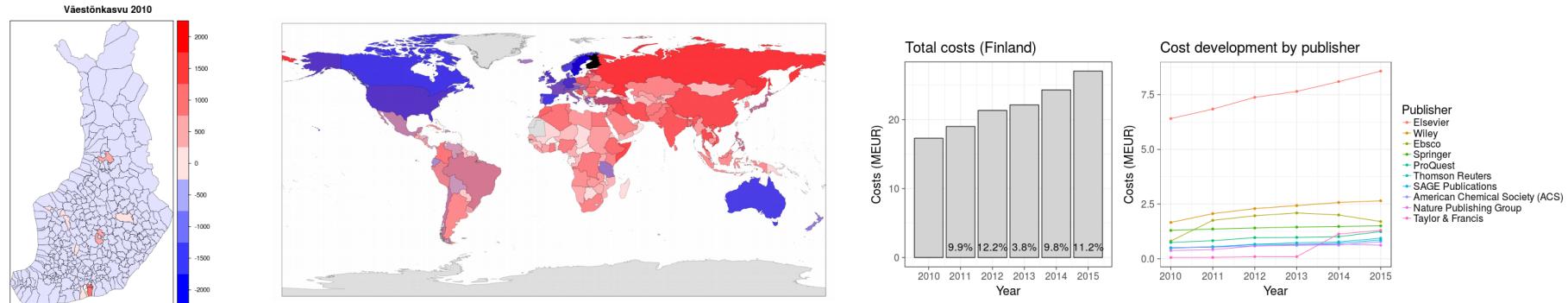
The logo for rOpenGov features a stylized orange 'r' followed by the word 'OpenGov' in a black sans-serif font. Below the logo is a photograph of two individuals sitting at a table, each working on a laptop. The entire graphic is enclosed in a green rounded rectangle.

ROpenSci

Bioconductor
OPEN SOURCE SOFTWARE FOR BIOINFORMATICS

infrastructure
projects

Timeline: from open data to open analytics



Finnish open data movement

International networking

Package collection grows

Visibility; Workload; ambiguity

Diversification & self-organization

2010

Birth
IRC chats
Apps4Finland
R packages for Finnish context

2012

Seed funding
Datademo
Open data awards
Sitra
Data Elections Finland

2014

Conferences & Hackathons
NIPS/MLOSS, Nevada
SHARE conference, Belgrade
Open Legislative Data conference, Paris
Helsinki OKFest
Berlin OKFest
Geneve OKFest

2016

Activities
FOI case
Consultation
Education
Publications
Use cases

2017

Maturing
Thousands of downloads/mo
20+ pkgs

eurostat R package

<http://ropengov.github.io/eurostat/>

R Journal, 2017. Lahti & Kainu & Huovari & Biecek

- Useful & clearly defined
- Spontaneous & self-organizing
- Multiple contributors; regular user feedback
- R websites, cheatsheets and other resources well utilized

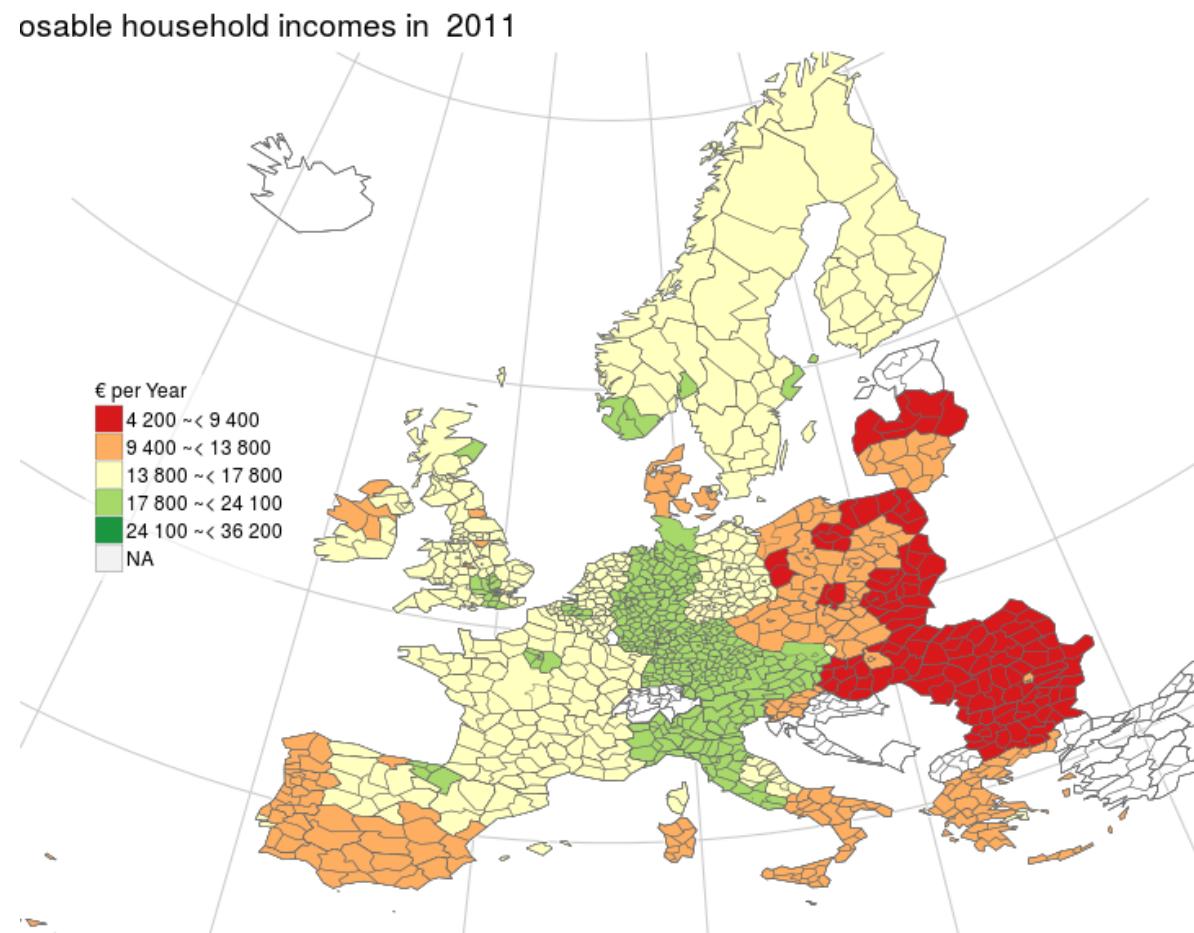


Fig: Markus Kainu

Lessons learned

+ Communication channels critical for networking!

Focus or not to focus ?

- data ~ methods?
- statistical ~ geospatial?
- national ~ international?
- tools ~ applications?
- academia ~ government ~ industry?
- modularity ~ versatility?
- packages ~ infrastructure?
- outcomes ~ community?
- tools ~ broader activities?

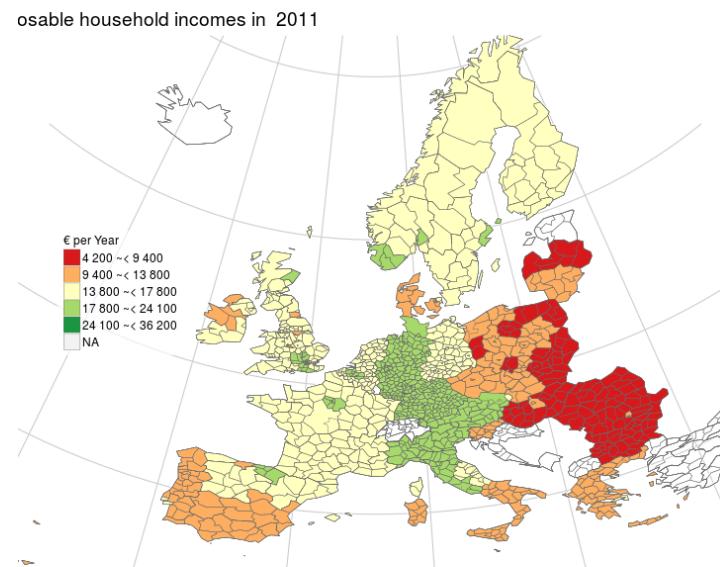
- + Compact package ecosystems & developer networks do create added value
- + Self-organization has pros & cons
- + Supporting various levels of contributions & participation

Interoperability; standards; focus areas .. ?

ropengov.github.io/contribute

R packages (20+)
Open government data & analytics:
eurostat, pxweb,
osmar, swednumbr,
gisfin, helsinki,
rtimes, PollstR...

Educational resources & Consultation



Networking
Online channels
Consultation & collaboration?

Use cases
Guest blog posts
Research, governmental, & commercial use

Open science & data activism: FOI on journal subscription prices

@ropengov

Thank You!

<http://ropengov.github.io>

Joona Lehtomäki (FI)
Markus Kainu (FI)
Juuso Parkkinen (FI)
Przemyslaw Biecek (PL)
Janne Huovari (FI)
Mikko Tolonen (FI)
Scott Chamberlain (US)
Måns Magnusson (SE)
.. and many others !



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