

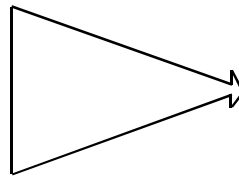
Data operator – missing link in the evolution

Environmental data for applications Seminar

23 Sept, 2015

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Citizens, business,
authorities



Current solutions for environmental data interoperability

- Standards
- Legislation
- Open data
- Application development

Copernicus
SEIS
INSPIRE
GEOSS
data-CORE
GEO
EEA
SSE
ESA DWH
EOLi
etc. etc.

....

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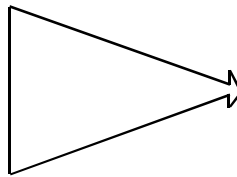
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Are the data really
Open?
Free?

Users need to know the
standards, find various
data sources, understand
the data, develop
interfaces, ...

Are data providers
motivated?



Citizens, business,
authorities

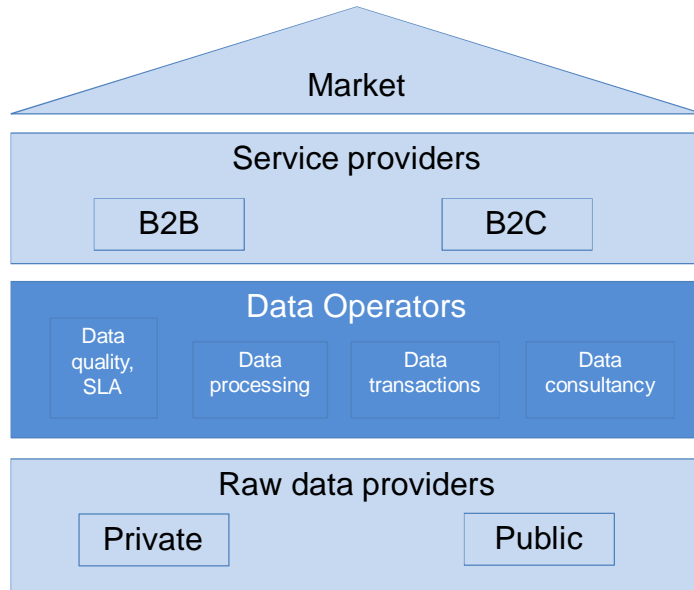


Current solutions for environmental data interoperability

- Standards
- Legislation
- Open data
- Application development
- => not enough!
- Commercial models to motivate data sharing
- Data operators to facilitate data usage
- Innovative application development to get more value out of the data

Data Operator concept

- Connecting to a multitude of data
- Finding, filtering and delivering relevant data to a specific customer need
- Increasing data value by processing and productising data
- Motivating the use of (currently) hidden data



Building data operator, vision

Public & private data providers

Authorities



Funders

Technology providers

Building data operator, reality

Public & private data providers

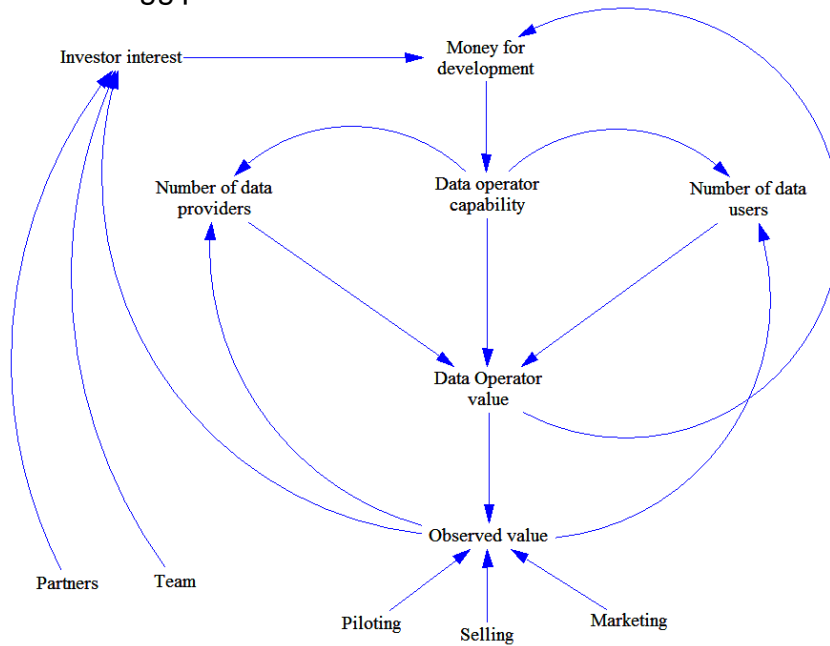
Authorities



Funders

Technology providers

Chicken-and-egg problem



Alternatives

- Wait – big players are going to do it anyway
 - Question: why Finland should always rely on foreign big companies ?
- Find a common solution
 - Company or co-op
 - Question: are Finnish key players willing to take the risk, even a small and shared risk? There are always a “1000 reasons” for why it wouldn’t work.
- Find an innovator, entrepreneur
 - who sees the opportunity and creates a story that convinces financiers and other stakeholders, and collects a winning team
 - Question: where we would find a “Mark Zuckerberg” or a “Sergei Brin” for the job?

When we succeed

