

Open Data Ecosystem

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High expectations for open data

"Overall economic gains from opening up PSI [public sector information] and providing easy access for free or marginal cost of distribution could be up to EUR 40 billion for the EU27"
-G. Vickery, 2011





Openness

1. Technical openness

• Interfaces and standards

2. Legal openness

• Contracts, copyright, privacy, data protection, national security etc

3. Commercial openness

• Price of access (?) and service design

Lindman, Rossi, Tuunainen. 2013. Open data research agenda, HICSS, 2013)



Data is the new oil (?)



Where are we now?



Photo taken from a presentation in Apps4Finland, 4.12.2012



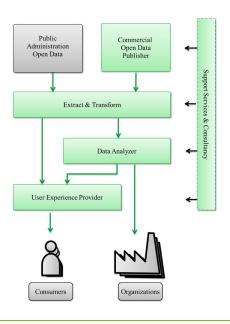
11.3.2014

Study of business models and emerging ecosystem

- Business model elements as a foundation for analysis
- Multiple case study of Apps for Finland competitors
- Resulted in descriptions of the value chain and value networks of open data



Five value network profiles were identified

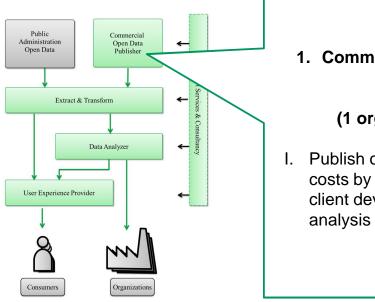


 Companies with similar offering were grouped together under same value network profile



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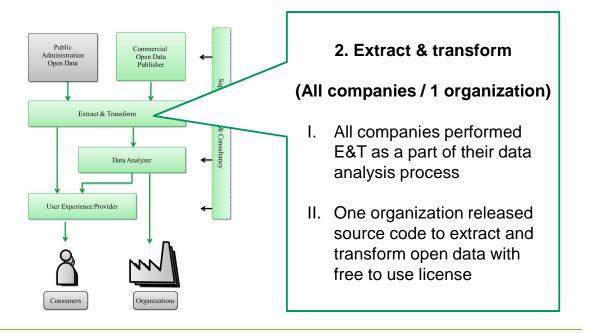


1. Commercial open data publisher

(1 organization)

 Publish open data and save costs by crowd-sourcing, e.g. client development or data analysis

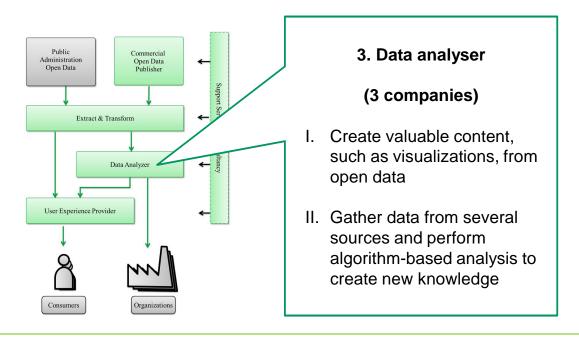
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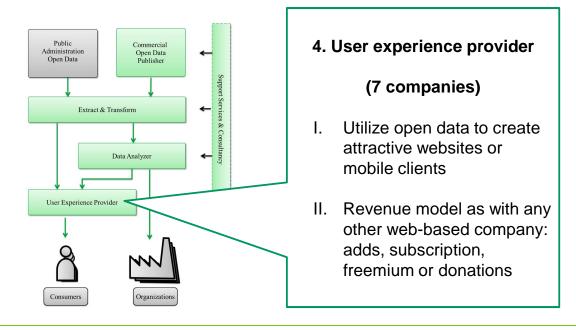


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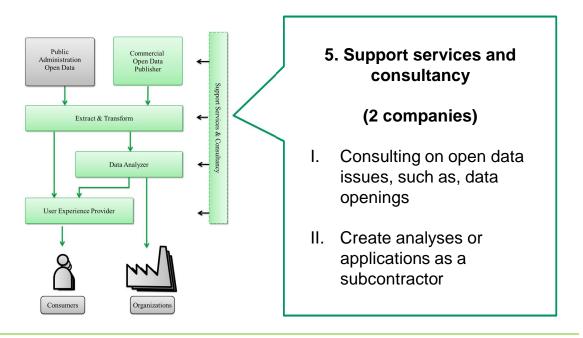
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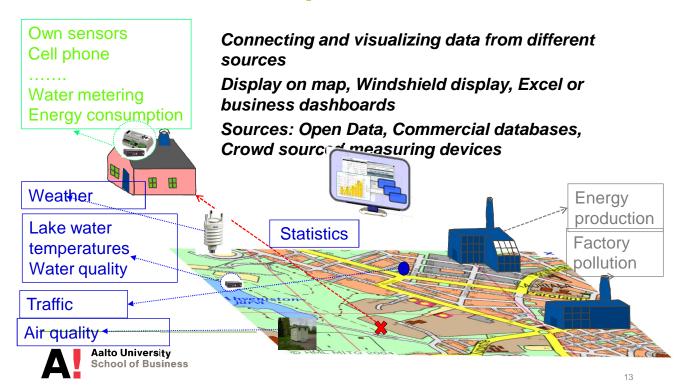


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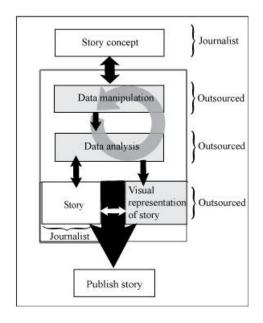
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Ecosystem example: crowdsourced environmental impact measurement



Outsourced chain model for data journalism



The open data media creation process can be broken into pieces and outsourced like any other work

- → Data manipulation and extraction specialists can be used
- → This can be a flexible way of future production of more interactive and less "newspaper like" material





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