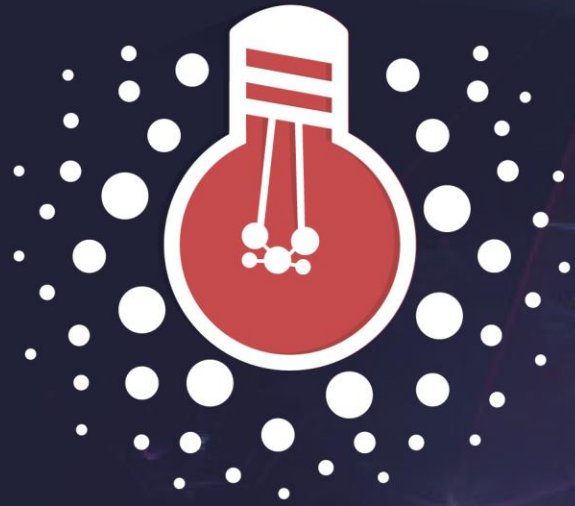


by CityData 3.0



OPEN DATA FOR CITIES

Re-use and discovery level, applied to
Spatial point process on linear network

AGILE 2017 Pre-conference Workshop

Wageningen - Netherlands

9 May 2017 9:00

GEO-C
Enabling Open Cities

 UNIVERSITAT
JAUME I
DES DE 1991 25 ANYS

NOVA
IMS
Information
Management
School



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER



 European
Commission

Agenda at Glance

- Introduction
- Keynote Talk
- Papers presentation
- Lunch time
- Hands-on session: Open Discussion about reuse and discoverability.
- Interactive session with point process analysis
- Open discussion and conclusions for workshop report and future outcomes

Workshop GitHub Repo

<http://bit.ly/OD4OC>

Installation requirements, datasets, resources, selected papers, presentations, overall all details of this workshop will be available, as well as in our website.

opendata4opencities.uji.es

<http://geo-c.eu/>

[illegible]

Geo-C at UXMS meetup

Video: Experience of GEO-C Spain students

The conference paper
accepted for publication in
PerDis 2017

Call for PhD in Smart Sustainable Cities assessment framework is now open.

Geospatial Technologies (Geotec) research group



<http://geotec.uji.es/>

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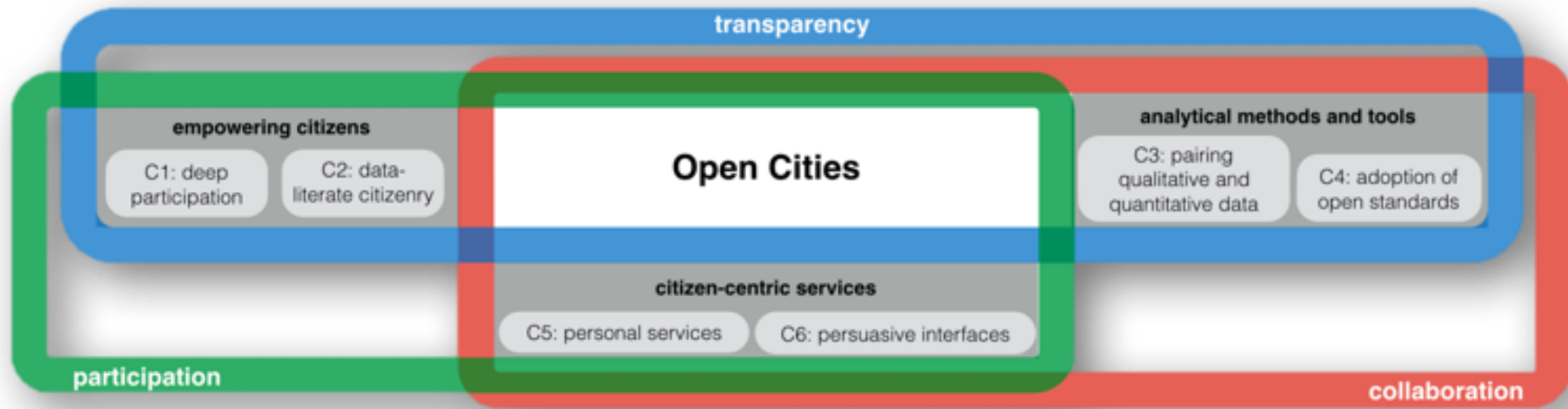


now-how is strongly grounded to geospatial technology and web mobile engineering. We continuously challenge ourselves to take a multidisciplinary approach to apply our knowledge to pressing social environmental issues such as mobility, transport, elderly, environmental health, and education, amongst others

HOME

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Open Cities



[1] Degbelo, A., Granell, C., Trilles, S., Bhattacharya, D., Casteleyn, S., & Kray, C. (2016). Opening up Smart Cities: Citizen-Centric Challenges and Opportunities from GIScience. *ISPRS International Journal of Geo-Information*, 5(2), 16.
<http://doi.org/10.3390/ijgi5020016>

Key note, Heleen Vollers



Barriers and benefits in working with Open Data

Heleen is actively involved in the development of the European Data Portal and associated services.

European Open Portal.

Papers presentation

- Open data portals as part of the open data ecosystem? Lessons learned from geoportal research.

Bastiaan van Loenen, Knowledge Centre Open Data. Joep Cromptoets, Instituut Voor de Overheid

- Integrating geological and seismological data in point process models for seismic analysis.

Marianna Siino, Dipartimento di Scienze Economiche, Italy

- Crime and Open Data, Use case Spain.

Raquel Martin-Pozuelo, Master GeoTec, Spain

- Open data and disaster management.

Ditsuhi Iskandaryan, Master GeoTec, Spain

5th Participatory Workshop – Different backgrounds



Valencia



Bogotá



Medellín

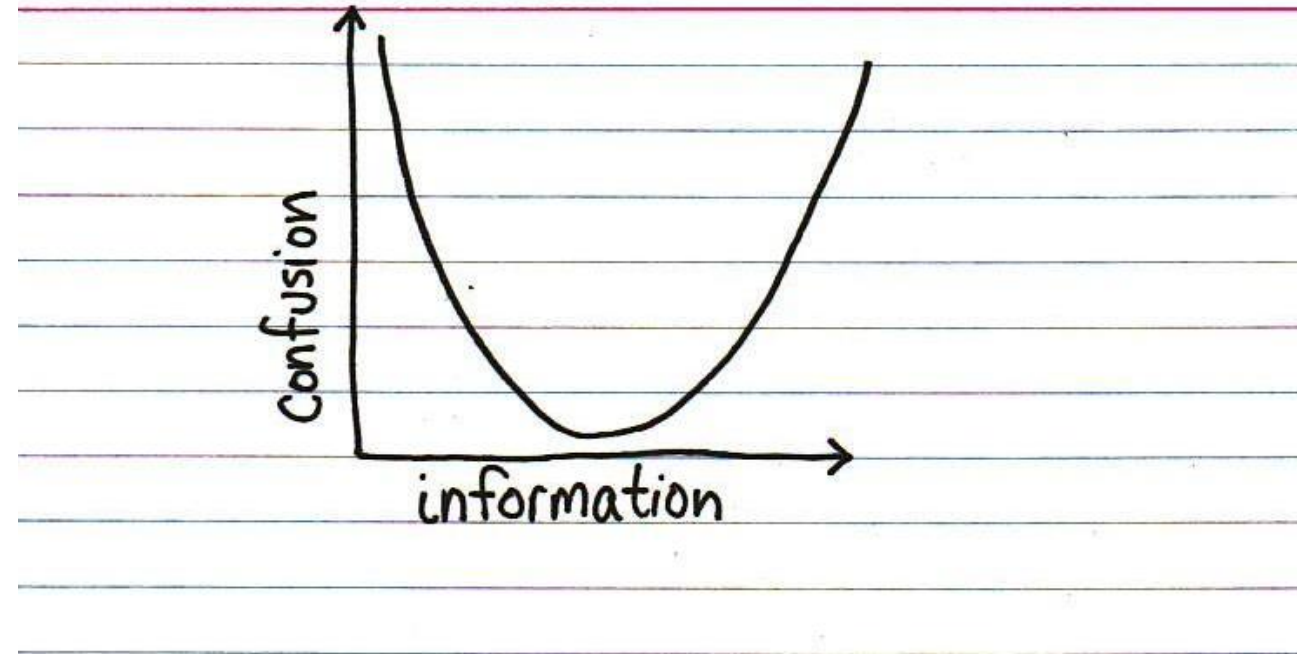


Castellón

Developers (Geo), Professors, Students, Entrepreneurs, Politicians, Analysts, Journalists and Data Authorities.

Reuse
Discoverability

Available **Open Data** in cities.



Hands-on Activity, Open Data and its impact

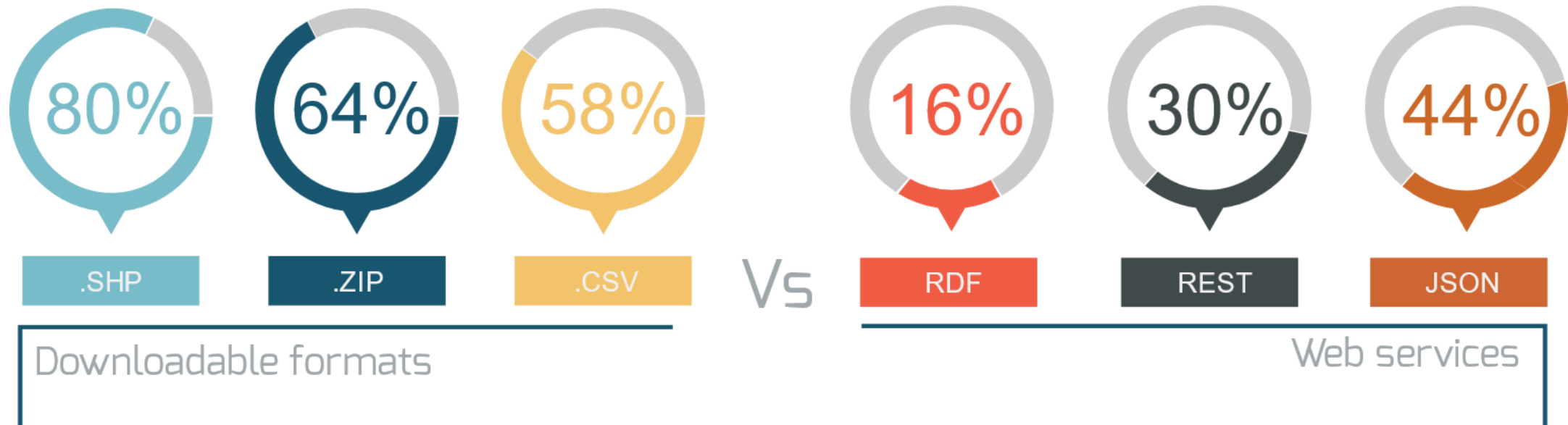
Go to the walls and place your opinions about following questions.

- When looking for city open data, what do you prefer?
- For a city that shares open data, what website do you think is more suitable?
- How do you prefer to explore available Open Data?

Downloadable data Vs Web Services

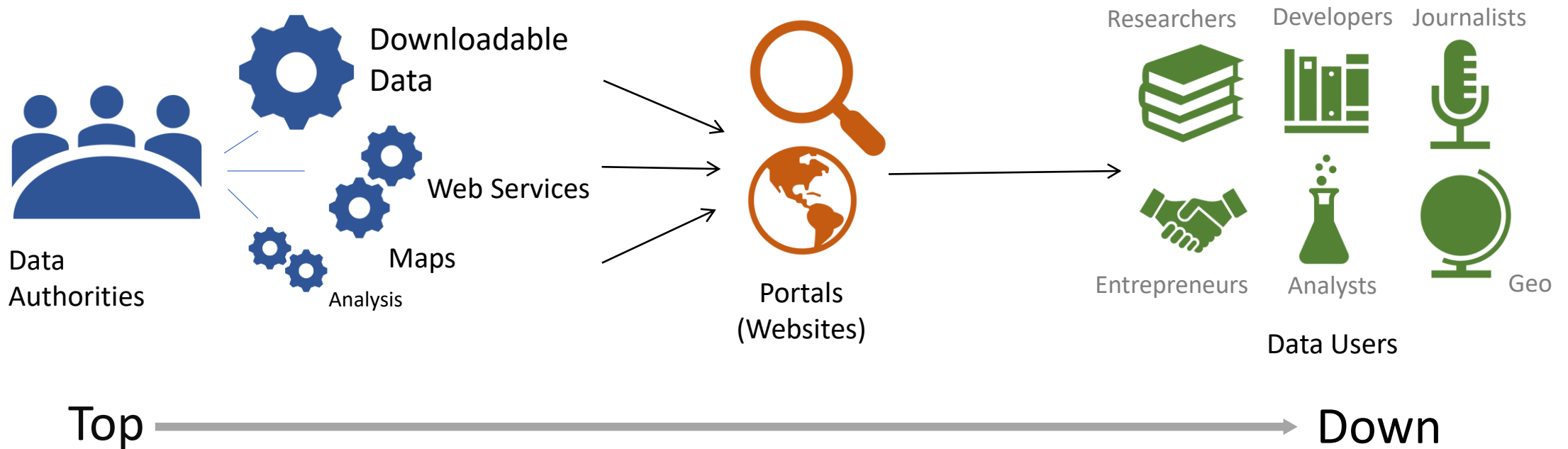
Currently data users are more interesting in downloadable data instead web services. Why?

N = 186 valid responses



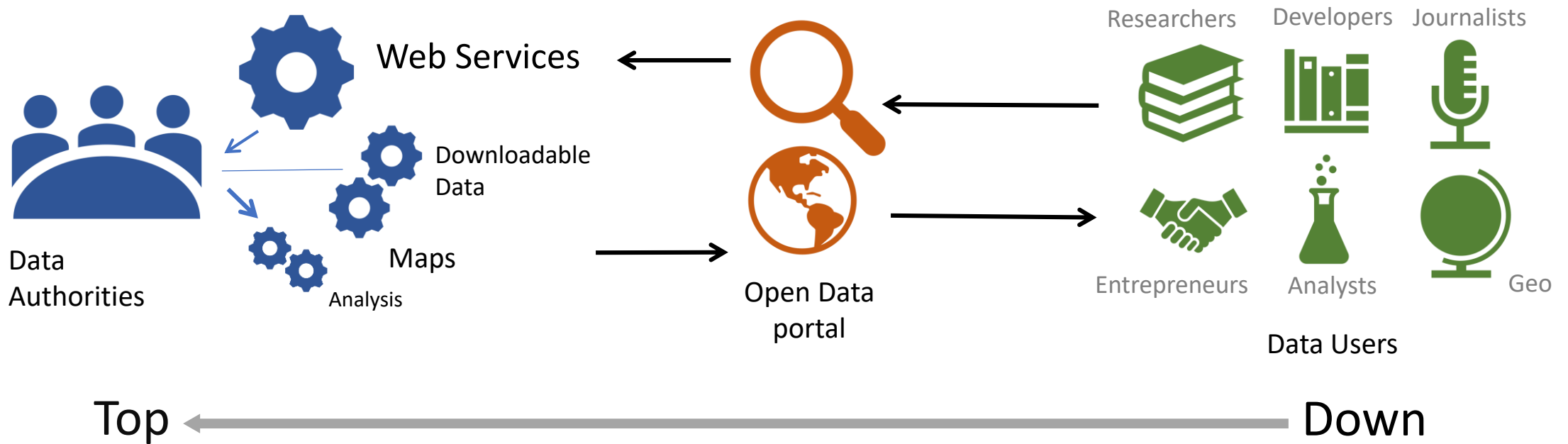
Downloadable data Vs Web services

Current Open Data system (Top - Down)



Downloadable data Vs Web services

Open Data system (Down – Top)



SDI Portal Vs Open Data Portal

Pros and Cons



SDI
Web
Portal



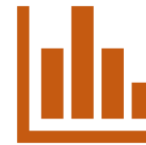
Open
Data
Portal

Discoverability level

Which tool is more efficient and easy to use?



Open Data
Users



Analytics



Geo Viewer



Table View

Use case on spatial point process

- Short introduction on spatial point processes.
- How to draw a heatmap using intensity function?
- Challenge of bandwidth selection.
- Estimating the intensity function of some open data-sets within some groups.
- Feedback from groups.
- Discussion.