

HELSINKI
REGION
INFOSHARE



Facilitating, Empowering and Supporting Openness
and Co-Creation

IRBC Conference 2012 / Helsinki

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Forum Virium Helsinki



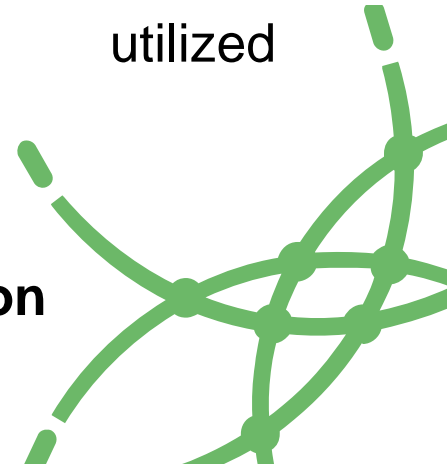
Helsinki Region Infoshare

To develop a network of information owners who maintain and open their data following common guidelines



To build a web service through which the data can be easily found, accessed and utilized

Opening public data from Helsinki region
for everyone to freely use without cost



Why open data

**Government
efficiency**



**Business and
innovation**

Transparency and democracy



Pilot phase – 2010 to 2012

“Learning what open data is about”

- Joint project of Helsinki metropolitan area cities
- Also supported by Finnish Innovation Fund Sitra and Ministry of Finance
- Operated by City of Helsinki Urban Facts and Forum Virium Helsinki



Avoin data = Avoin yhteiskunta

Hae dataa...



Lisää HRI:stä Lisää avoimesta datasta

Tarkempi datahaku

Lisää artikkeleita »

Avaa dataa



Näin pääset alkuun
Miksi datan avaaminen on tärkeää?

Uusimmat datat

- Perusopetuksen ja lukioiden oppilaat ja opettajat Vantaalla 2011
- Perusopetuksen ja lukioiden oppilaat Vantaalla suuralueittain 2011
- Yksityisten henkilöiden tulot tuloluokittain Vantaalla 2010

Käytä dataa



Näin pääset alkuun
Työkaluja

Sovellukset

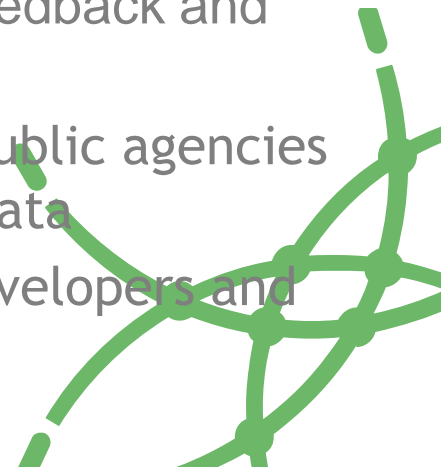


Blind Square

Näkövammaisia auttava lisätyn todellisuuden sovellus.

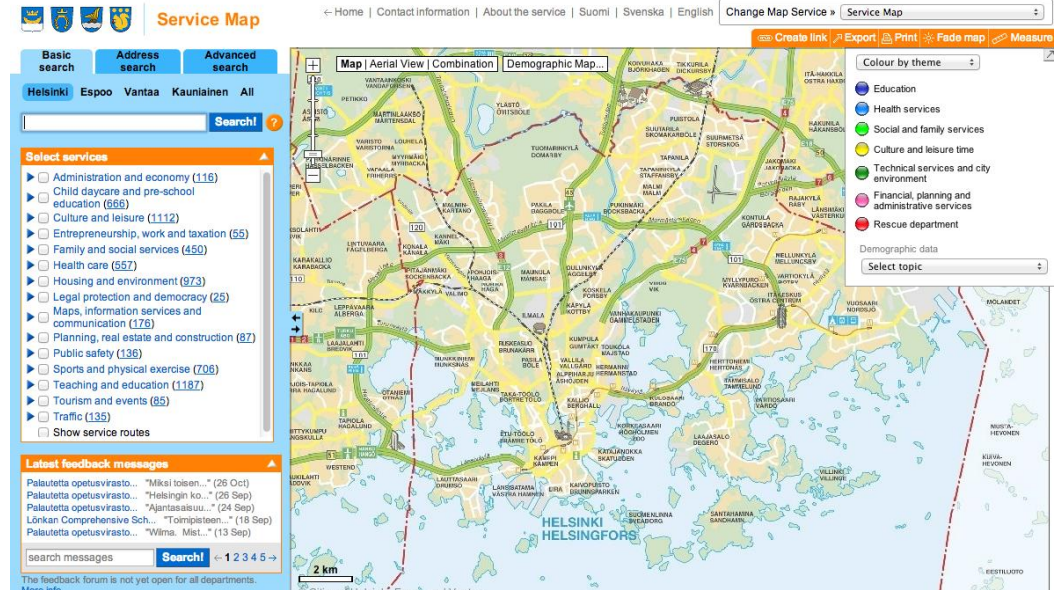
Easy to find, access and utilize open data

- Currently over 900 datasets
- Open data application showcase
- Users can give feedback and request new data
- Instructions for public agencies on how to open data
- Useful tips for developers and other data users



Open data themes of Helsinki Region Infoshare

- Statistics and estimates
- Geospatial data
- Infrastructure data
- Financial data
- Public transportation
- Public decision making
- Public service points
- etc.

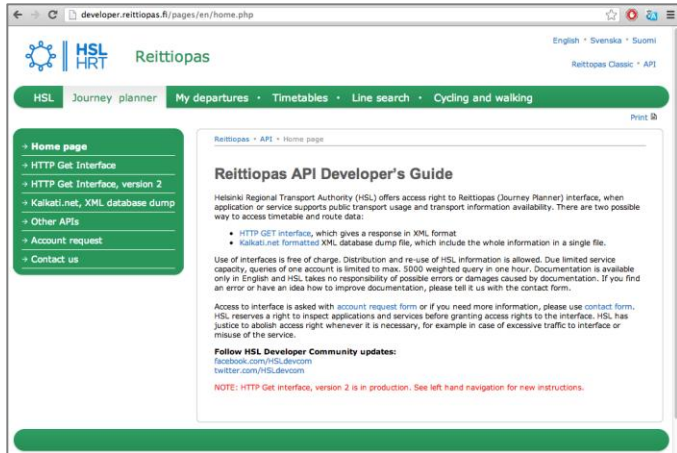


Helsinki metropolitan area service map API

http://www.hel.fi/palvelukarttaws/rest/index_en.html

<http://www.hel.fi/palvelukartta/Default.aspx?language=en&city=91>

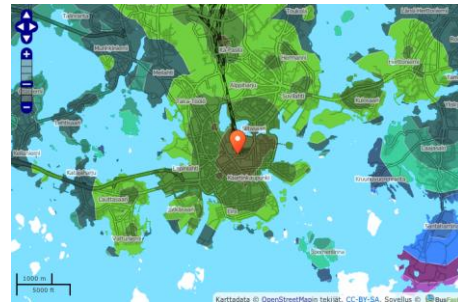
Open data use cases



- Applications
- Visualizations
- Analysis



ReittiGPS



mak.hsl.fi

Helsinki Region Transport Journey planner API

<http://www.hri.fi/fi/data/hsl-reittiopas-api/>



<http://www.youtube.com/watch?v=qGllzWt0acU>

Open data use cases



Statistikdatabaser | Statistical databases Käyttöohjeet

Tilastokeskuksen PX-Web-tietokannat

Tilastotietokannat > **Tietokanta: PX-Web Statfin** > Vaalit/Eduskuntavaalit/Eduskuntav

Taulukko: 4. Puolueiden äänimäärä ja äänestysprosentti kunnittain eduskunta Kuvaus: Tietoja, Alaviite

Valitse luokat valintalaatikosta. Alempana voit valita myös tulostustavan. Valintaohje
Valituista muuttujista ● sinun tulee valita ainakin yksi arvo

0/352	0/3
Vaalipiiri ja kunta	Lukumäärätiedot
Koko maa 01 Helsingin vaalipiiri 091 Helsinki 02 Uudenmaan vaalipiiri 018 Askola 049 Espoo 078 Hanko	Äänimäärä Osuus % Muutos edelliseen vaaliin verrattuna
Etsi <input type="text"/> Rivin alusta	Etsi <input type="text"/> Rivin alusta

Selailunäkymä on rajoitettu 5000 riviin ja 256 sarakkeeseen.

Valittuja rivejä 0 Valittuja sarakkeita 0

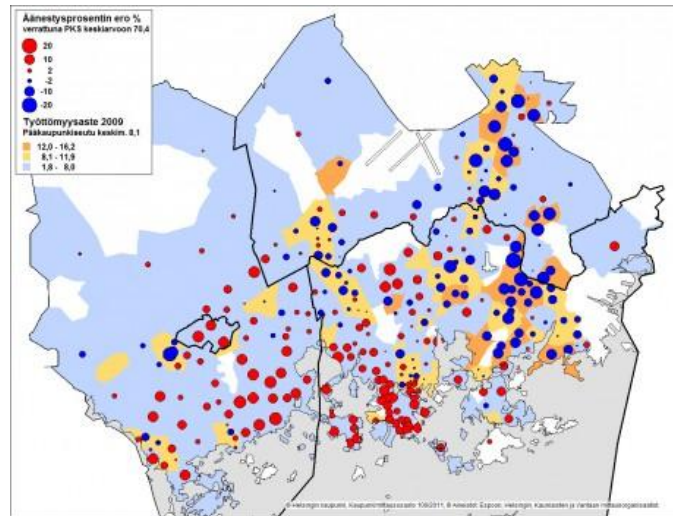
Näytä ruudulla, näkymä 1

Valitse ja paina

Jatka



- Driving data standardization
- Data visualization
- Data journalism



<http://www.hri.fi/fi/data/paakaupunkiseudun-aaanestysaluejako/>

www.stat.fi

Election result statistics from Statistics Finland and Helsinki Metropolitan area election boundaries map data

Blindsquare

“Makes you sense what’s around you. You only need to listen”

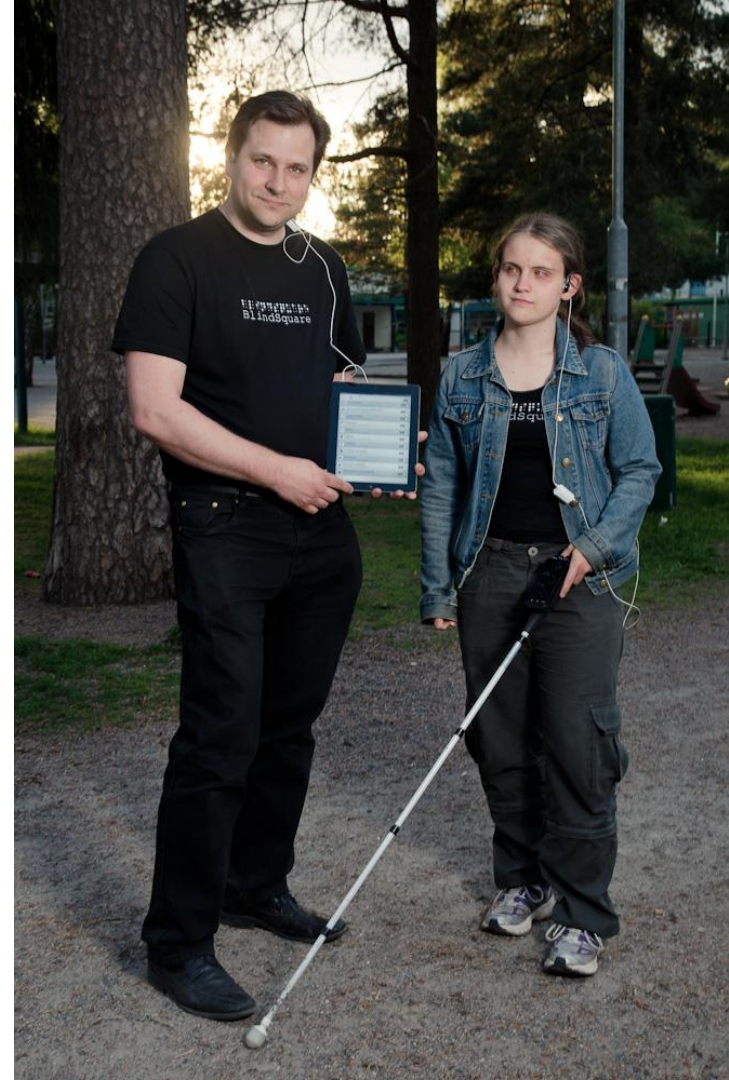
Global data

- Openstreetmap
- Foursquare

Local open data from Helsinki region

- Public transportation data
- Public service points location data

www.blindsquare.com



Some experiences so far

- External feedback helps to make data better – good also for internal purposes
- Gives new collaboration angles and inspiration to agencies owning the data
- Emergence of developer communities around specific themes
- Actionable, geo-coded, easy to understand and quick to utilize data is preferred by many developers



What's next?

Adoption phase - 2013 to 2014

“City agencies publishing open data as part of their normal operations”

- Helsinki ICT-program 2012-2015 striving for openness in data and code and developer engagement
- Finnish Government ICT-program aims to open all relevant national public data by end of 2014



Some challenges with Open Data

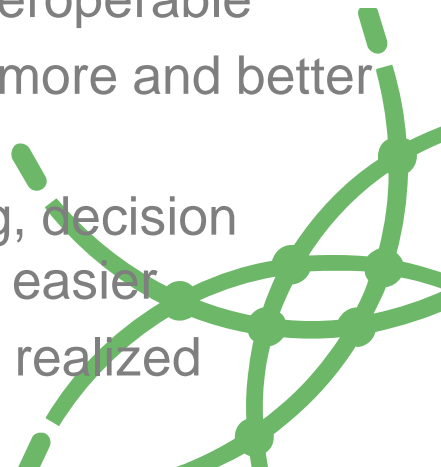
- Worries related to opening data*
- Understanding how to publish open data - and benefit from it
- Truly enabling the “open data infrastructure”
- Balancing between “reliable and creative” digital services
- Transformation from traditional public administration to more developer and citizen engagement culture

* <http://www.slideshare.net/helsinkiregioninfoshare/hri-apps4-finland2011workshop12pbfinalqasep>



Open data evolution path?

- Public sector systematically opens it's data
- Companies and others start to open data
- Open data is not seen as a "separate item" but as part of digitalization and "the internet revolution"
- Data is being made more interoperable
- Developers dare to develop more and better services
- Research, analysis, planning, decision making, collaboration will be easier
- Promise of open data is fully realized



THANK YOU!

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