

transforming the way the world works



Authoritative Data Management:

Humanizing Data Collection, Management, and Collaboration in Jyväskylä, Finland

Geospatial World Forum | Lisbon, Portugal | May 25-29th
Trimble Local Government | Rick Gosalvez | rick_gosalvez@trimble.com



Learning Objectives

Share how Jyväskylä, Finland:

- Manages resources, plans and collaborates spatially
- Centrally collects, processes and manages geospatial data
- Improves information flow between citizens, staff and city officials





City of Jyväskylä finland



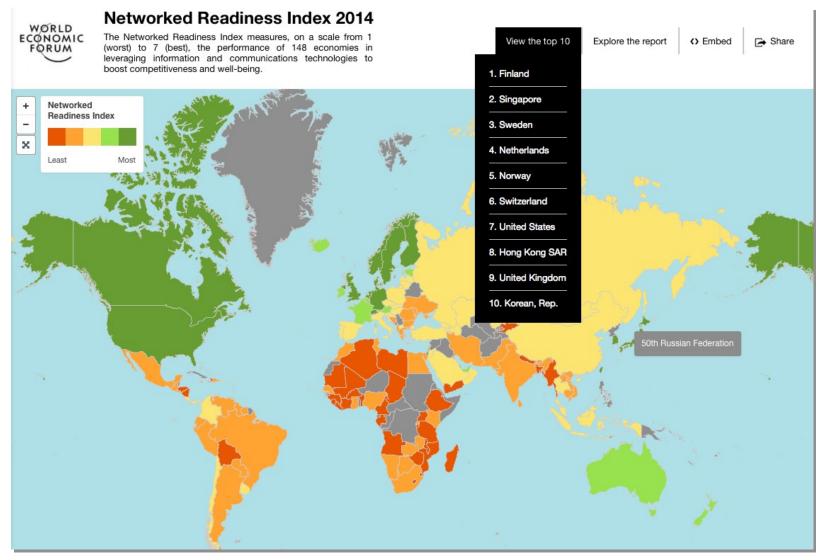




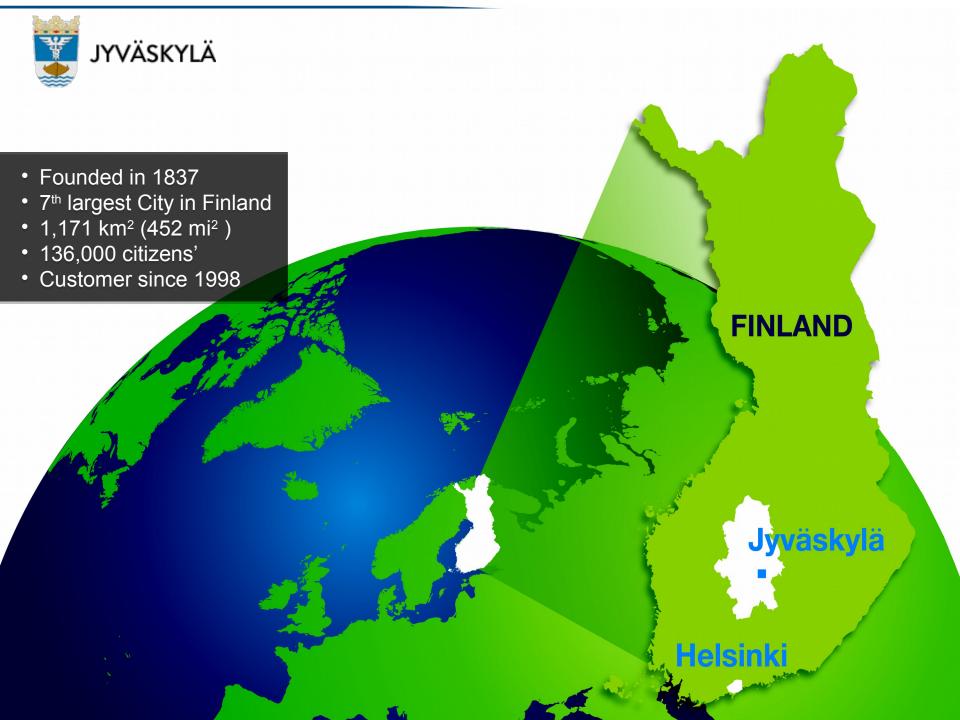


Network Readiness Index 2014

Ranks 148 economies in leveraging information and communication tech to boost competitiveness and well-being.

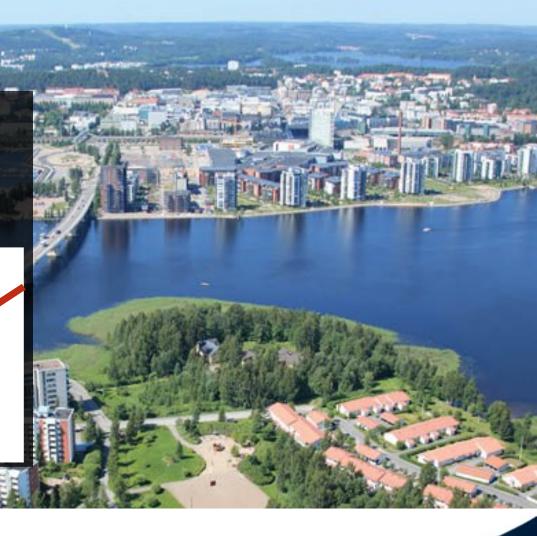


Source: World Economic Forum: Network Readiness Index 2014

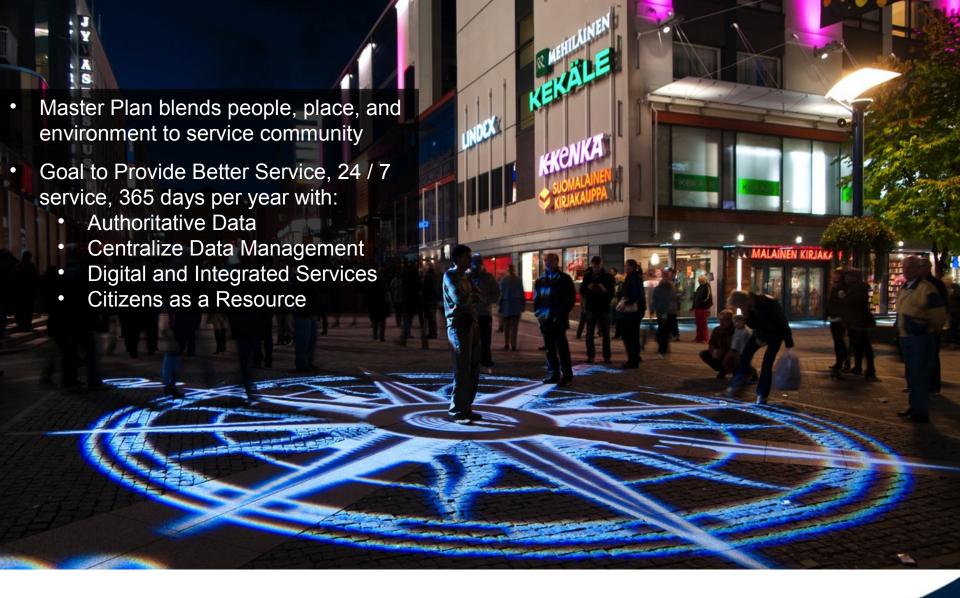




- 34,381 parcels & 59,125 buildings
- 699 new buildings in 2013
- 18,602 sqm| 417 commercial | 282 housing
- 1 in 4 people are academics
- More than 9,959 new jobs since 2000



Growing with People



Smart City Services for People

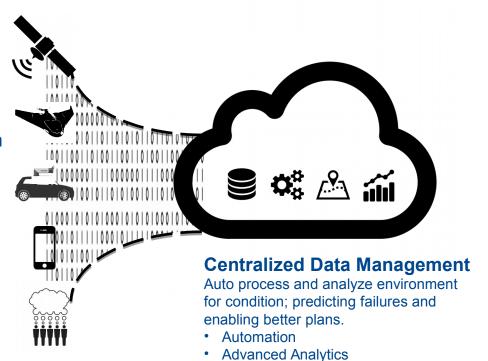


Authoritative Data: Building Block for a Smarter City

Mass Data Collection

Continually capture and monitor the built and natural environment.

- IoT
- Sensors
- Authoritative Data





Collaboration

Benchmark and share actions, plan and results.

- Dash boarding
- eServices
- Citizens as a Resource



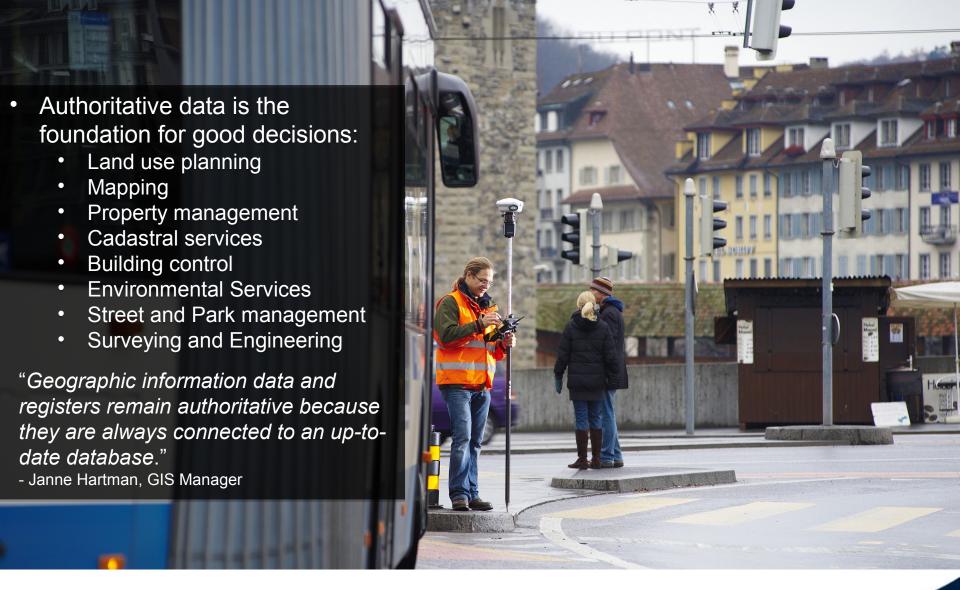
Office

Cloud-connectedGIS, BIM, EAM



Community





Authoritative Data

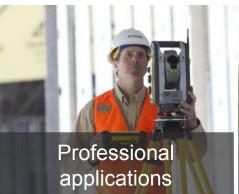




DEDICATED APPLICATIONS AND SERVICES FOR DIFFERENT NEEDS

"Work processes are planned to suit the service."

- Janne Hartman, GIS Manager









Interface services & integration

Fluent data flow, process efficiency, real-time decision making

Citizen engagement

Permitting

Asset management

Data Collection

Land administration

Building control

Geospatial data management

Centralized Data Management







KIRJAUDU SISÄÄN















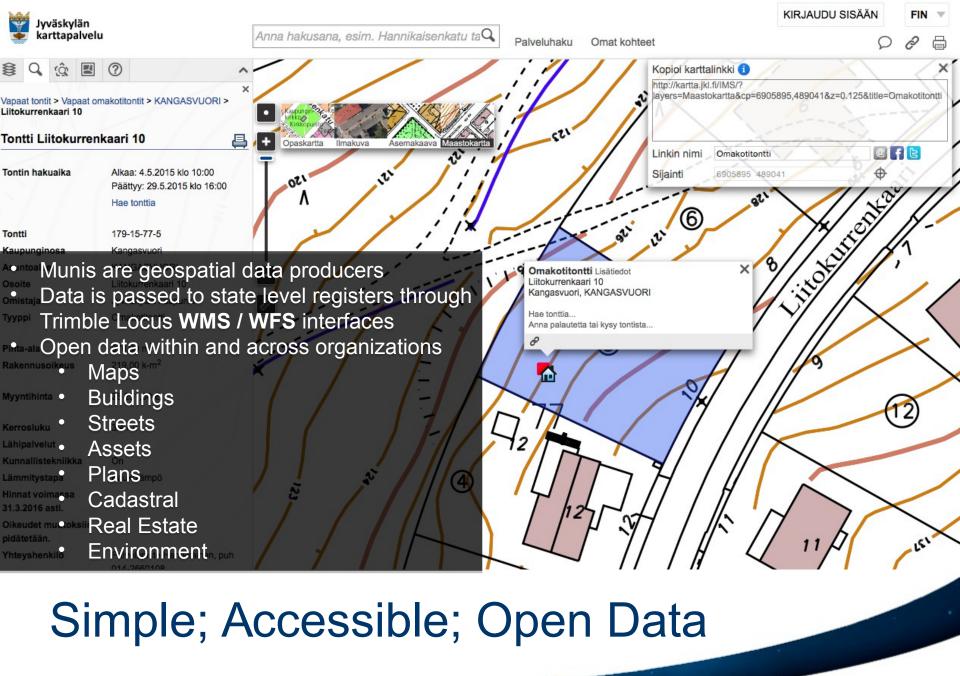
"My Jyväskylä provides citizens access to various municipal eServices with a single log-on." - Janne Hartman, GIS Manager

Käyttöehdot Tietosuojaseloste © Jyväskylän kaupunki

Integrated eServices



Citizens as a Resource



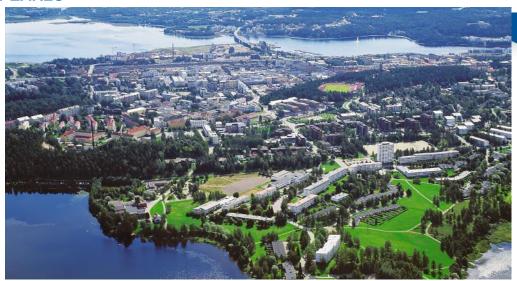
JYVÄSKYLÄ MASTER PLAN 2010-14

* RESOURCE WISE URBAN DEVELOPMENT * LESS CAR-DEPENDENT URBAN SETTLEMENTS * NICE NEW NEIGHBOURS *

* HOUSING BY THE LAKES * CITIZENS ARE A RESOURCE * OUR LANDSCAPE AND CULTURAL HERITAGE * RURAL

PEARLS *







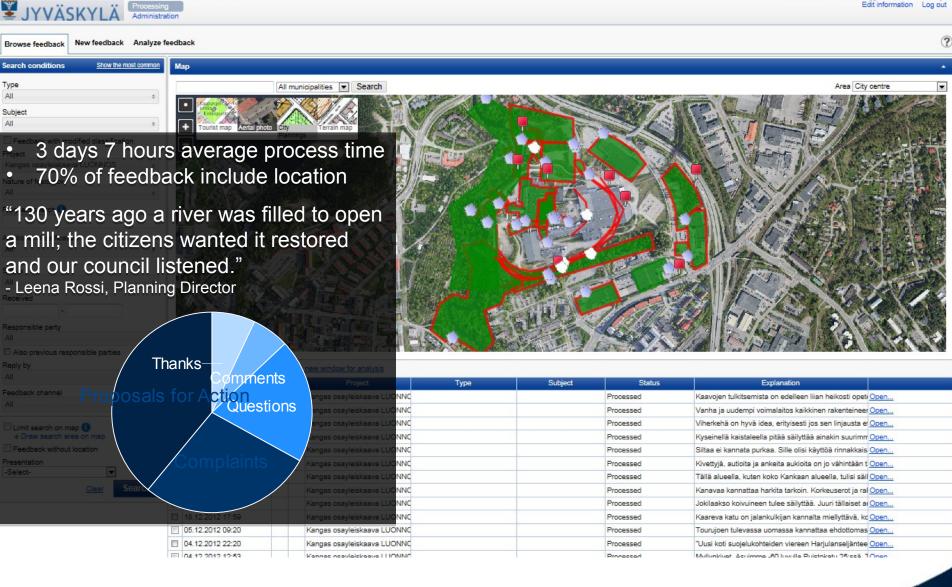


Affect Policy



Streamline Projects





You are logged in as JK\hartmaja

Analyze Priorities



Varauspalvelu

VENEPAIKKOJEN VARAUS

VAPAIDEN PAIKKOJEN SELAILU

Tervetuloa varaamaan sähköisesti kaupungin venepaikkoja!

Valitse venetyyppi ja anna muut tarvittavat tiedot veneestäsi. Valitse Vapaat paikat -listasta sopiva satama ja venepaikka. Siirry tekemään varaus napsauttamalla listan linkistä.

VAPAIDEN VENEPAIKKOJEN SELAILU

Veneen leveys

m

Vapaat paikat		
Jyväsjärvi, Lutakko (50)	Д Каири
Laituri 3, paikka 149	alk. 294,0	0 € Valitse >> 🛕 🚾 🕍 Kirkko
Laituri 3, paikka 150	alk. 412,0	0 € Valitse >>
Laituri 3, paikka 151	alk. 294,0	VENEPAIKAN TIEDOT
Laituri 3, paikka 152	alk. 412,(Jyväsjärvi, Lutakko Laituri 3, paikka 151 Laituripaikka, 3.0m Paikan leveys: 3.000 Paikan pituus: 10.500 Käveltävä aisa, 2 venettä / väli. Käytössäolevan paikan leveys riippuu
Laituri 3, paikka 153	alk. 294,(
Laituri 3, paikka 154	alk. 412,0	
Laituri 3, paikka 158	alk. 315,(
Laituri 3, paikka 159	alk. 236,(
Laituri 3, paikka 162	alk. 412,(
Jyväsjärvi, Lutakko - hu	vialuslaituri	toisen veneen leveydestä.
Leppävesi, Kaunisharju (12)		HINNAT
Leppävesi, Saltunlahti (44)		Kuntalaiset 294,00 €
Päijänne, Haapalahti (70)		Ulkokuntalaiset (=asuinkunta muu kuin Jyväskylä) 411.60 €
Päijänne, Haapaniemi (20)		

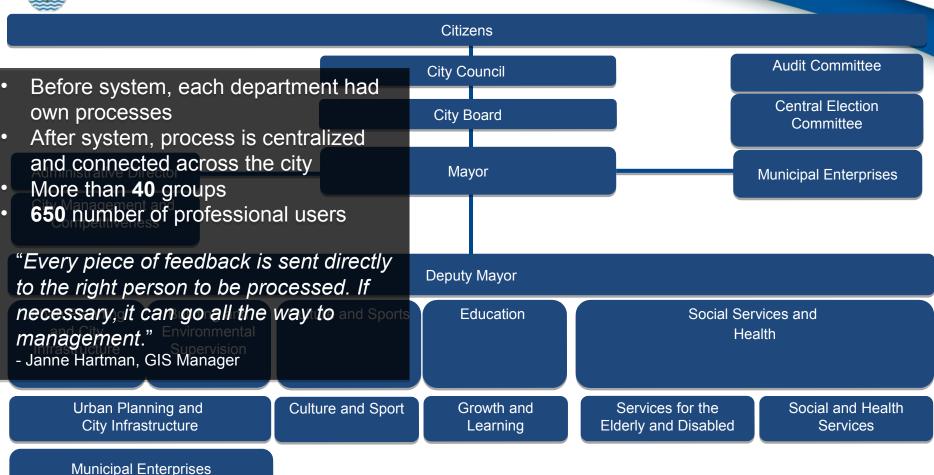
"Our boat mooring reservation service is an electronic process from start to finish, details are automatically fetched and displayed on a map; allowing employees to do other tasks." - Janne Hartman, GIS Manager







Construction and maintenance Catering



A Connected Smart City







Happier Citizens



transforming the way the world works



Visit Trimble in Booth 11 of Exhibit Area To Learn More

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www.trimble.com/localgovernment