



# Forum Virium Helsinki Smart City projects

Pekka Koponen



OPEN DATA,  
DESIGN, INTERFACES  
AND INNOVATION

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- Hubi.fi pilot in 2009, one of the deliverables of a 2 year research project Ubiquitous Helsinki
- Work is continued in m.hubi.fi project for next 2 years
- Commercial service “tässä.fi” to be launched in spring 2010 by VTT spin-off company Adfore Oy



# Smart Urban Spaces

ITEA2 Project

Duration: 3 years

Countries: 4 (Finland, France, Spain, Greece)

Partners: 25, SMEs, corporations, research organisations, cities (10 cities, Helsinki and Oulu from Finland)

Start: 07/2009, End: 06/2012

- European-wide effort to introduce interoperable e-city services based on latest mobile technologies and ubiquitous mobile computing techniques
- Services and interoperability characteristics will be prototyped and validated over a first kernel of European cities
- Pilots related to transport, events in the city, tourism, schools and daycare









# City Loyalty Card





# Smart City & Open Data Projects

- Smart Urban Spaces
- m.hubi.fi
- Apps for Democracy Finland
- Helsinki Region Infoshare

Participating in Tivit ecosystem project development:

- Social Traffic
- Open Smart Spaces Ecosystem (OSSE)





# SDK for the City

“Service Development Kit” for the city

Software DK, but also guidelines, tested and approved processes.

What ever is needed to make developers life easier and development cycle faster.

Enablers, common elements for the services, eg:

- Open data & APIs
- Secure authentication (light <-> strong)
- Identity management
- Common rules & practices for privacy issues
- Location
- Context
- Payment methods
- Links to social media platforms





Thank you!

[pekka.koponen@forumvirium.fi](mailto:pekka.koponen@forumvirium.fi)

