

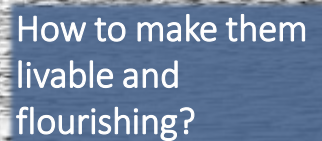
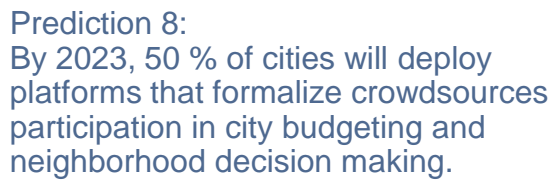


Insight that enable cities to change

11th International LANDNET Workshop
Tallinn, Estonia
27-29 November 2018

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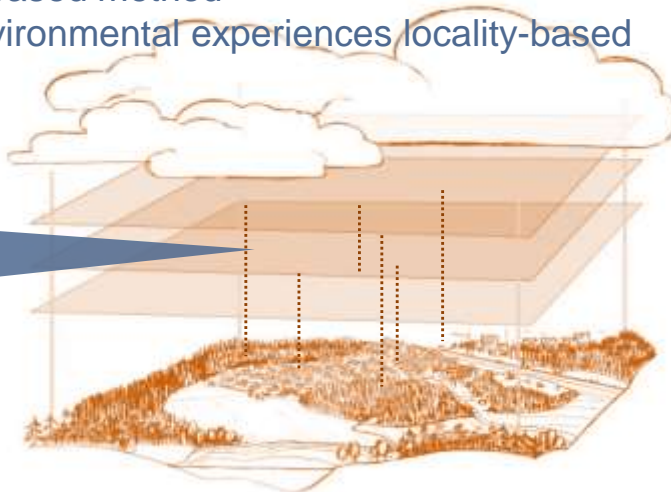




From 2005 onwards: The 'soft' GIS

Developing a GIS-based method
for studying the environmental experiences locality-based

*"This is a good way to map
the feelings of people. You
have time to think about
your answers. I hope to see
the results in the future."*



adding new 'soft' layers with the help of Internet-based
method into the Geographic Information System



Maptionnaire in a nutshell www.maptionnaire.com



Create questionnaires

Begin your own map-based data
collection to simplify the participation
workflow.



Engage residents

Reduce barriers to participation and
collect constructive feedback that
enables you to build trust in your
project.



Interpret results

Transform data into tangible insights
and develop a deeper understanding
of your results.



Make planning smarter

Incorporate data collected using
Maptionnaire into your plans and
designs for creating livable and lovable
environments.



"To be able to map the most loved coastal areas and their diverse uses is an amazing new possibility. We can combine large-scale areal analysis with subtle local knowledge and qualitative knowledge to the structural characteristics of the place. This leads to new interpretations."

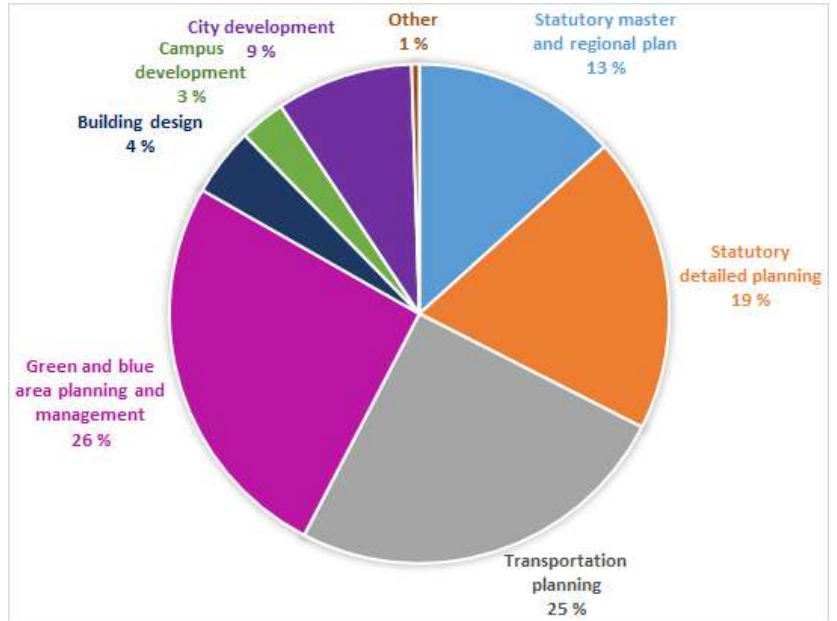
Some service statistics from the past 4 years

- 5000+ projects
- over 800k participants
- over 1 million map responses
- over 6 million responses



Project topics among the planning and design cases using PPGIS methodology

(N 203 survey projects)



OTHER THEMES STUDIED WITH MAPTIONNAIRE

- SUSTAINABLE ENVIRONMENTAL PLANNING
 - Stormwater
 - Energy transition: Wind energy/solar panel locations
 - Air quality
 - Nature diversity
- MARINE PLANNING
- CULTURAL HERITAGE
 - Memories
 - Inventation support
- SERVICE NETWORK
 - Public service network
 - Centers & retail
- FEEDBACK GATHERING
- GAMING

CREATING MAP-BASED QUESTIONNAIRES WITH MAPTIONNAIRE



Visualising future structure on a map, San Jose




Discussing the best places -community strategy building



Detailed and park planning, Södra Värtan, Stockholm



Participative traffic planning




Have your say to Piare impr

The purpose of this 15 minute survey is to gather feedback on the proposed changes to the SH1/SH429 area. The map of the road network we are using is shown on the right. The NJ TRANSPO Agency is keen to hear from you about the places and routes that you use most often. Your response will help the NJ TRANSPO Agency make the SH1/SH429 area a better place to live and travel. Two key points before you start:

- you are free to withdraw from the survey at any time
- your answers will be stored securely and used for the purposes of this project

3/13 Street Right-of-Way Allocation

Please assign points to potential elements you would like to see the street right-of-way along. The more points you assign, the more likely the element will be included in the final plan. There are a total of 100 points to assign between the categories. You should assign more points to the categories that you think are most important to you. You assign all points on one map.




Street element	Points
Automotive traffic lane	<input type="text"/>
Parking lane	<input type="text"/>
Exclusive transit lane	<input type="text"/>
Protected bike lane	<input type="text"/>
Shared bike lane	<input type="text"/>

Citywide Transit Plan

NJ TRANSPO DOT wants your feedback! We are surveying New Yorkers to get feedback on how you move around New York City. Please take a few minutes to complete this survey and share where you go, how you travel and what you would do to make the system even better.

[English](#) [Español](#)





Evaluation of the indoor spaces in the renovated Undergraduate Centre

The Undergraduate Centre has undergone a period of significant renovations in recent years. How did we succeed? Which places do you enjoy, and where could we have done better? Please indicate the places that you find either pleasant or unpleasant. Do this by clicking on the button and placing the marker in the correct place above the floor plan.

You can change the floor level of the floor plans with the buttons in the upper-right corner.

Pleasant place in Undergraduate Centre
e.g. appearance, functionality, social climate, atmosphere of the space

Unpleasant place in Undergraduate Centre
e.g. appearance, functionality, social climate, atmosphere of the space



Perceptive evaluations of indoor spaces, Aalto University







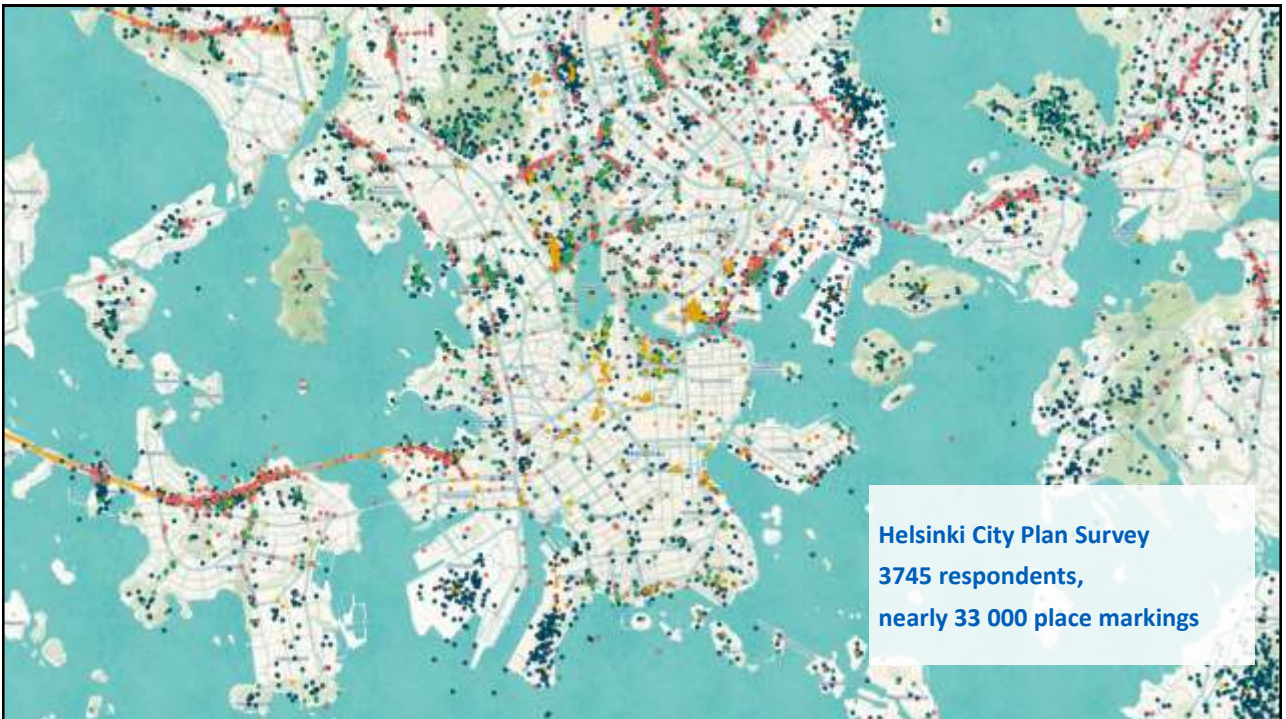
How to use the Maptionnaire data

Use the inbuilt Maptionnaire analysis tool to understand the data better

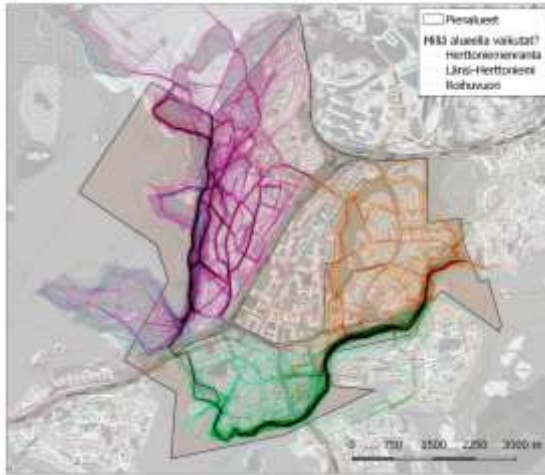
Deeper and tailored analysis with a software of your choice (e.g. ESRI or statistical software)

Integration to external GIS software to visualise and communicate the data (e.g. CARTO)

GIS storage to maintain the datasets and to deliver the data inside the organisation (e.g. Trimble Locus)



New type of knowledge in a visible format - Generating shared neighborhood vision in Herttoniemi



How to design walkable cities? - Relevant insights for the planning topic



Everyday routes (n 2178) City of Helsinki



Recreational routes (n 1428) City of Helsinki



Planning reporting system

Demo:
mpt.link/reporting_demo



Create
questionnaire

- Demographic and general questions
- Import planning layers (GeoJSON)
- Layer structure / questions should be uniform across layers
- Setup WMS sources



Setup
reporting

- Lock down questionnaire structure
- Extract relevant elements for report templating
- Setup relevant questionnaire meta-data



Create
report template

- Design general layout and format
- Specify relevant global data (planning number, detail number)
- Specify and layout relevant response data



Setup
delivery process

- Specify all relevant parties and delivery methods
- Specify materials to be delivered to parties
- Specify failure processes



Testing

- Automated and manual testing of full reporting process



Start creating your own map-based
questionnaires or...



...use our expertise and hire us as:

CO-DESIGNER

We'll help you create outstanding map services

DATA GURU

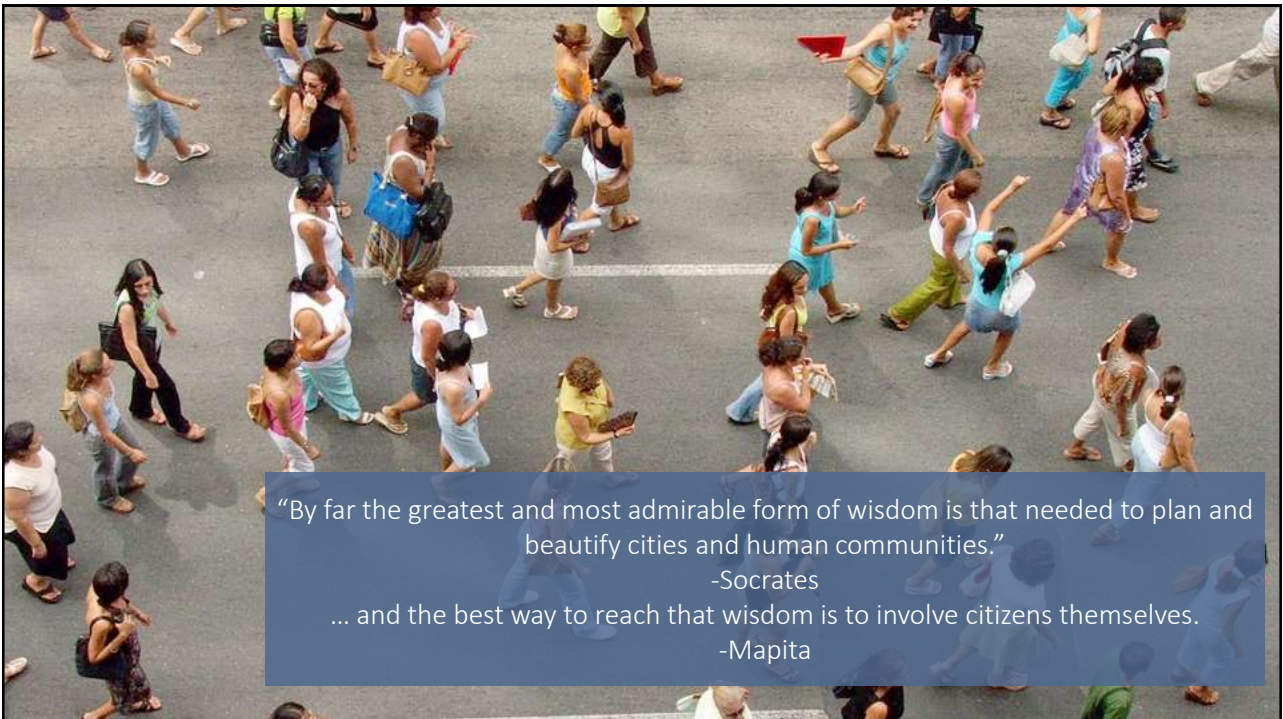
Share us your survey data and we'll break it down into key insights

PERSONAL TRAINER

Get our training packages to become a survey master

KEY TO THE CITY

Leave it all to us😊



"By far the greatest and most admirable form of wisdom is that needed to plan and beautify cities and human communities."

-Socrates

... and the best way to reach that wisdom is to involve citizens themselves.

-Mapita