



Aalto University  
School of Engineering

# Participatory planning

SPT-E3010

6.3.2023

# Today

|      | Theme:  | Lecturer(s)                          |
|------|---|--------------------------------------|
| 6.3. | Does mapping improve public participation?  | Maarit Kahila-Tani<br>Marketta Kyttä |
|      | Opponents:  |                                      |
|      | Aku Staff, Larissa Hollub, Nicolette Slagle, Nadezhda Zubova, Katharina Reusteck, Amelia Cardwell |                                      |



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School of Engineering

# DOES MAPPING IMPROVE PUBLIC PARTICIPATION?

Exploring the pros and cons of using  
PPGIS in urban planning practices

*Maarit Kahila, Mapita Oy*  
*Marketta Kyttä, Aalto*





KEEP  
PUBLIC LANDS  
IN  
PUBLIC HANDS

DISAGREE

PROTECT  
WILD  
UTAH

PROTI

A BILLY BAY PARK  
SIMPLE AND YOUTHFUL



Om  
Siddha

and Respectful  
Megha Singh Smith

from  
Mumbai

believe it  
you will be  
happy forever

will you change  
behaviour  
paid me...

Who will read  
this he will  
nod from  
Nitya

Enjoy your struggle  
Because one you  
succeed, you are going  
to tell the story of  
your success till you die.  
So, enjoy your struggle.

Accept all the things  
that life gives you.  
Be admirable towards  
Your life. If you can't  
argue with the death  
don't do it with life.  
- (ARZO)

Live  
Young!

Grab a post-it.  
Write, draw or doodle your story.  
Just make sure it fits on one  
side.  
Leave your name and number  
at the back.  
Win Awesome Prizes.

Life is so awesome.  
Just change the  
way you see it.  
Aditya

we are bro-sis

Be your  
Love yourself!

JUST DO IT  
IT WORKS

Keep Calm,  
Be happy, live  
happy - Ananya

Keep Calm  
& Be Happy!!  
-Vedika-

I Love  
Myself  
Stay Hungry  
Stay foolish  
- by me -

Death is peaceful

Be single be virgin be  
crappy

Tanu  
Nandini  
Aisha

KISS  
Keep It  
Simple

I am very  
Proud to be  
a

I am not  
a Bitch  
Just  
Bio fucker

Live the way  
you like!  
Just  
love  
yourself

LOL  
(lots of love)

tooth paste me  
yanak hai??

OUR 1st Jaipur Lit Fest!

With  
all the  
members of  
group

True love of  
my life  
Sankhi

Quality of filling  
and rest of

Set fire to  
the world  
with your  
brokenness.  
Sahana

Please  
spread  
the message of  
gender neutral  
all over the  
world.

Just be you

When  
OUT of  
HOUSE, something  
WONDERFUL  
ways

With  
all the  
members of  
group

Quality of filling  
and rest of

Quality of filling  
and rest of

Quality of filling  
and rest of

Quality of filling  
and rest of

Quality of filling  
and rest of

I love  
my  
Mother

Besting  
favors the  
brave  
So, Be Brave!

Ranjana  
(KAFJU)

When  
OUT of  
HOUSE, something  
WONDERFUL  
ways

Quality of filling  
and rest of

Quality of filling  
and rest of

Quality of filling  
and rest of

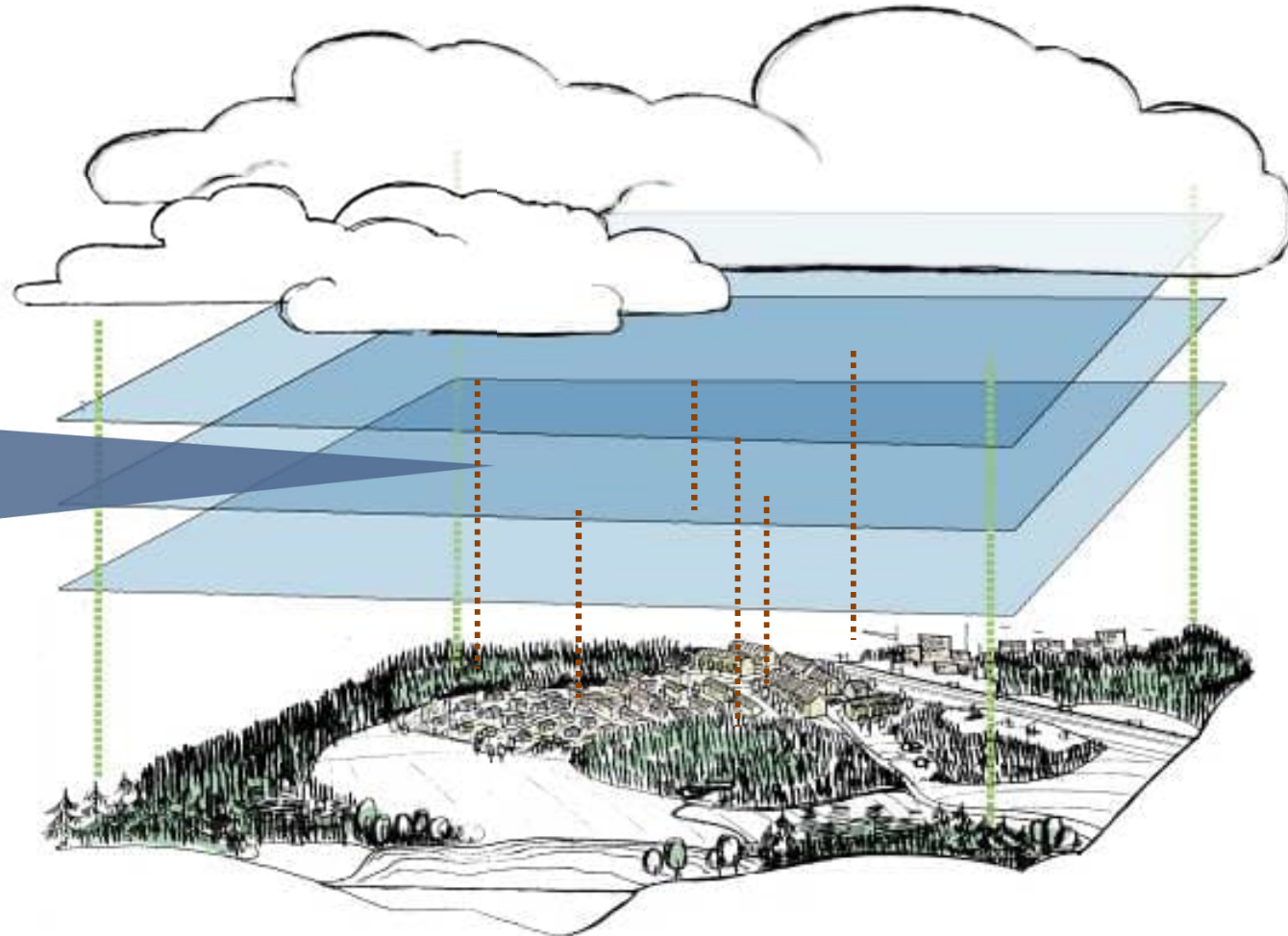
Quality of filling  
and rest of

Quality of filling  
and rest of

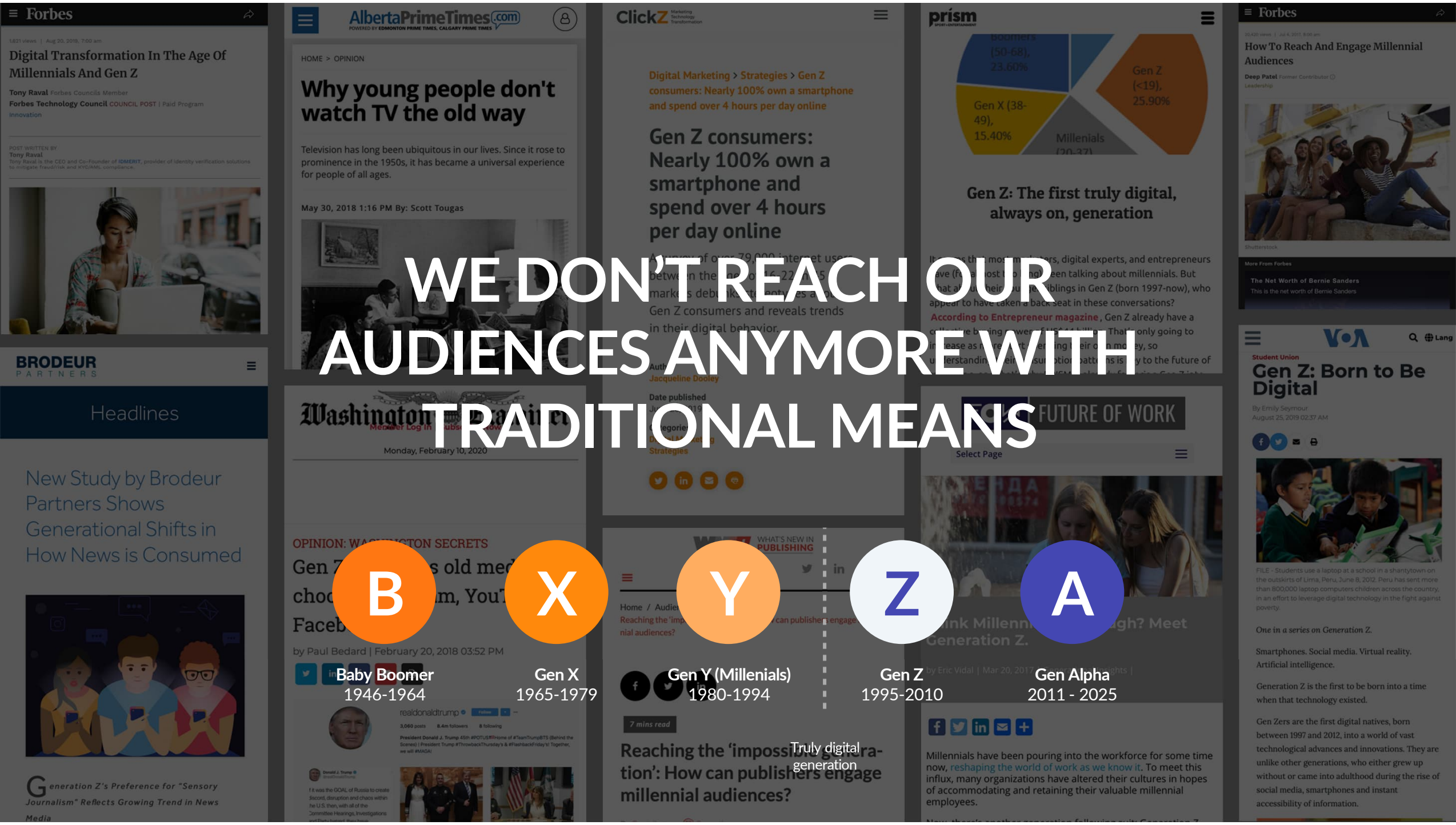
Quality of filling  
and rest of

# Since 2005: softGIS

*"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



# WE DON'T REACH OUR AUDIENCES ANYMORE WITH TRADITIONAL MEANS



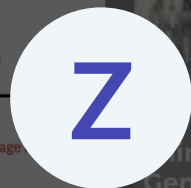
**Baby Boomer**  
1946-1964



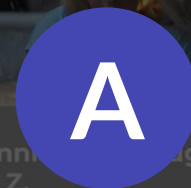
**Gen X**  
1965-1979



**Gen Y (Millennials)**  
1980-1994

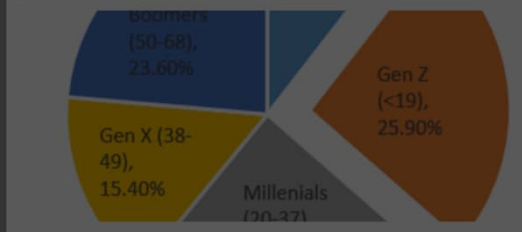


**Gen Z**  
1995-2010



**Gen Alpha**  
2011 - 2025

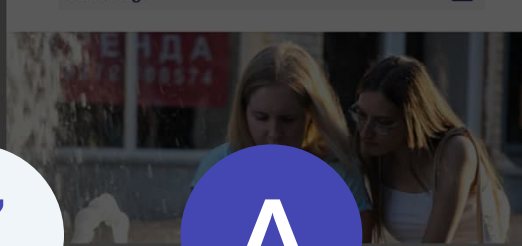
Truly digital generation



## Gen Z: The first truly digital, always on, generation

It was the most common, digital experts, and entrepreneurs have (for a long time) been talking about millennials. But what about their younger siblings in Gen Z (born 1997-now), who appear to have taken a back seat in these conversations? According to Entrepreneur magazine, Gen Z already have a collective buying power of \$144 billion. That's only going to increase as more start earning their own money, so understanding their subscription patterns is key to the future of the industry.

## THE FUTURE OF WORK



## Millennials: How can publishers engage millennial audiences?

Millennials have been pouring into the workforce for some time now, **reshaping the world of work as we know it**. To meet this influx, many organizations have altered their cultures in hopes of accommodating and retaining their valuable millennial employees.

## How To Reach And Engage Millennial Audiences



## The Net Worth of Bernie Sanders

## Gen Z: Born to Be Digital

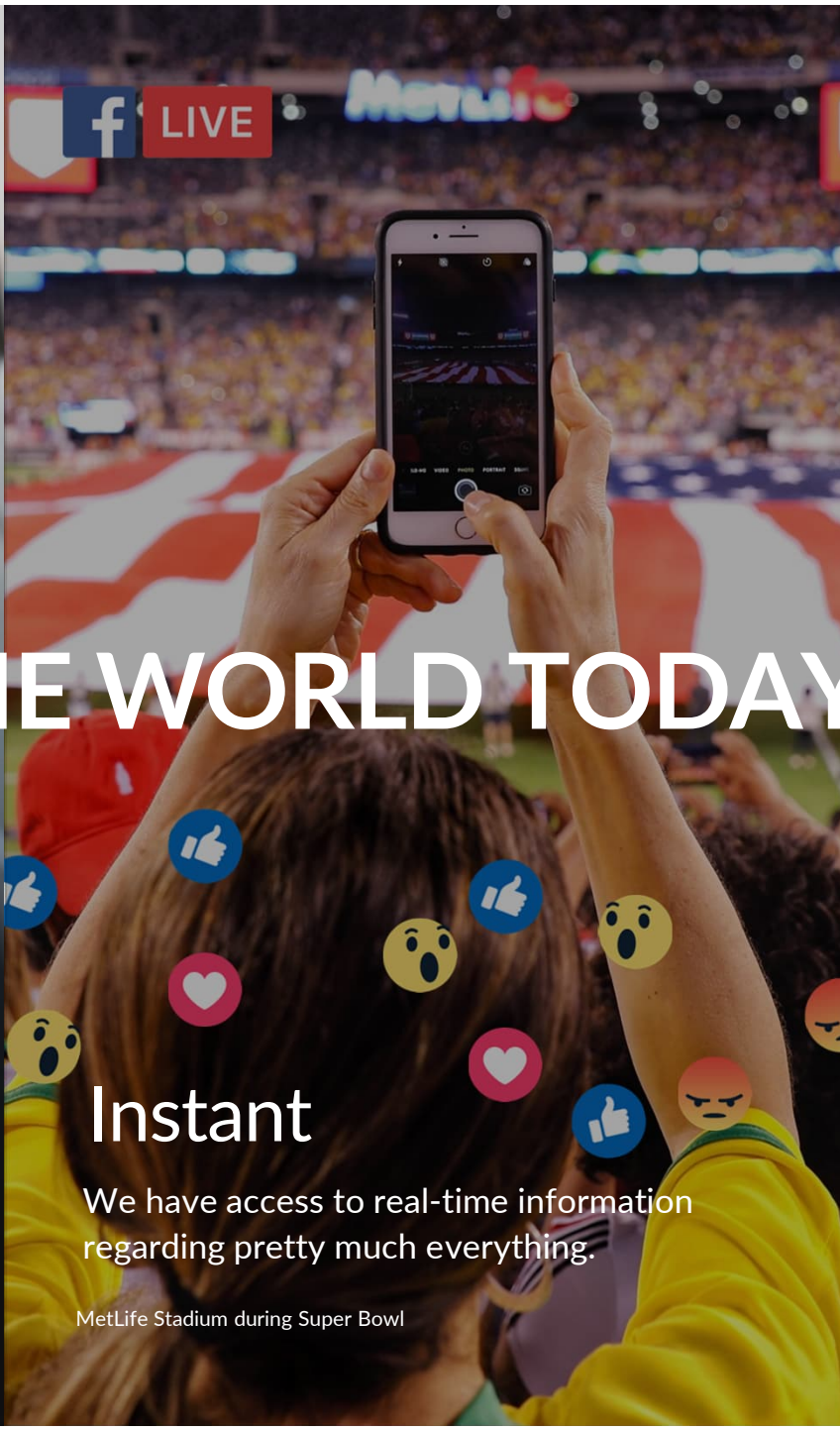


FILE - Students use a laptop at a school in a shantytown on the outskirts of Lima, Peru, June 8, 2012. Peru has sent more than 800,000 laptop computers children across the country, in an effort to leverage digital technology in the fight against poverty.

Smartphones. Social media. Virtual reality. Artificial intelligence.

Generation Z is the first to be born into a time when that technology existed.

Gen Zers are the first digital natives, born between 1997 and 2012, into a world of vast technological advances and innovations. They are unlike other generations, who either grew up without or came into adulthood during the rise of social media, smartphones and instant accessibility of information.



# THE WORLD TODAY IS

## Digital

We use digital tools  
24/7/365

80% of smartphone users check their phones within 15 minutes of waking up.  
Mobile devices have changed the way we view and interact with the world.

## Instant

We have access to real-time information  
regarding pretty much everything.

MetLife Stadium during Super Bowl

## Collaborative

We can influence and voice our  
opinions instantly with one click.

Rome, Colosseum during Earth Hour.

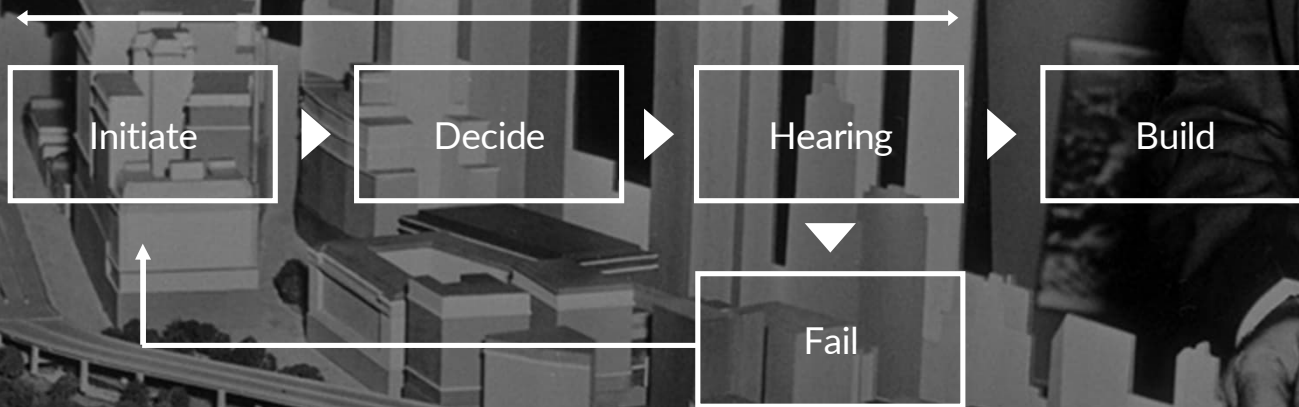


A person is shown from a top-down perspective, typing on a silver laptop. The laptop screen displays a heatmap visualization of a geographical area, with red and yellow indicating high values and blue indicating low values. The person's hands are positioned on the keyboard and trackpad. A blue rectangular overlay is present on the left side of the image, containing white text.

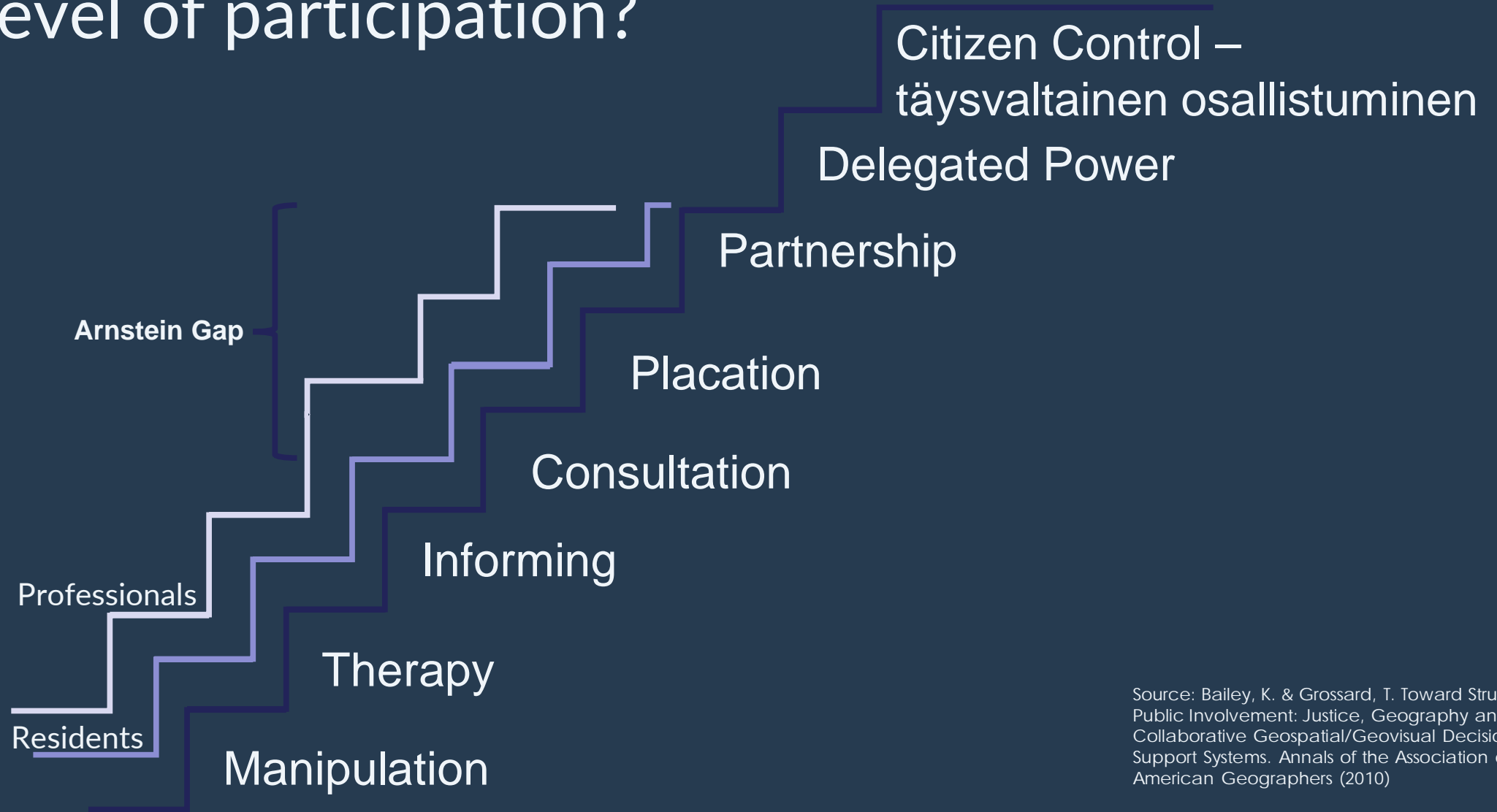
# THOUGHTS REGARDING NEW MODEL

# OUR CURRENT MODEL IS FAILING US

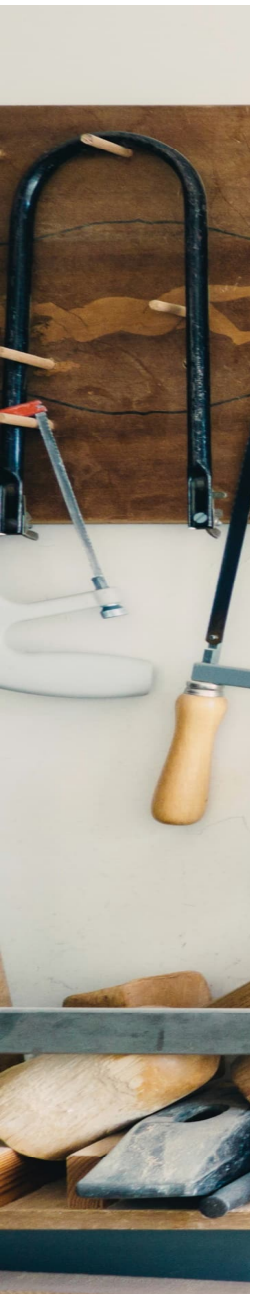
CURRENT DESIGN PROCESS: YEARS / MONTHS OF WORK / \$\$\$



# What level of participation?



Source: Bailey, K. & Grossard, T. Toward Structured Public Involvement: Justice, Geography and Collaborative Geospatial/Geovisual Decision Support Systems. *Annals of the Association of American Geographers* (2010)

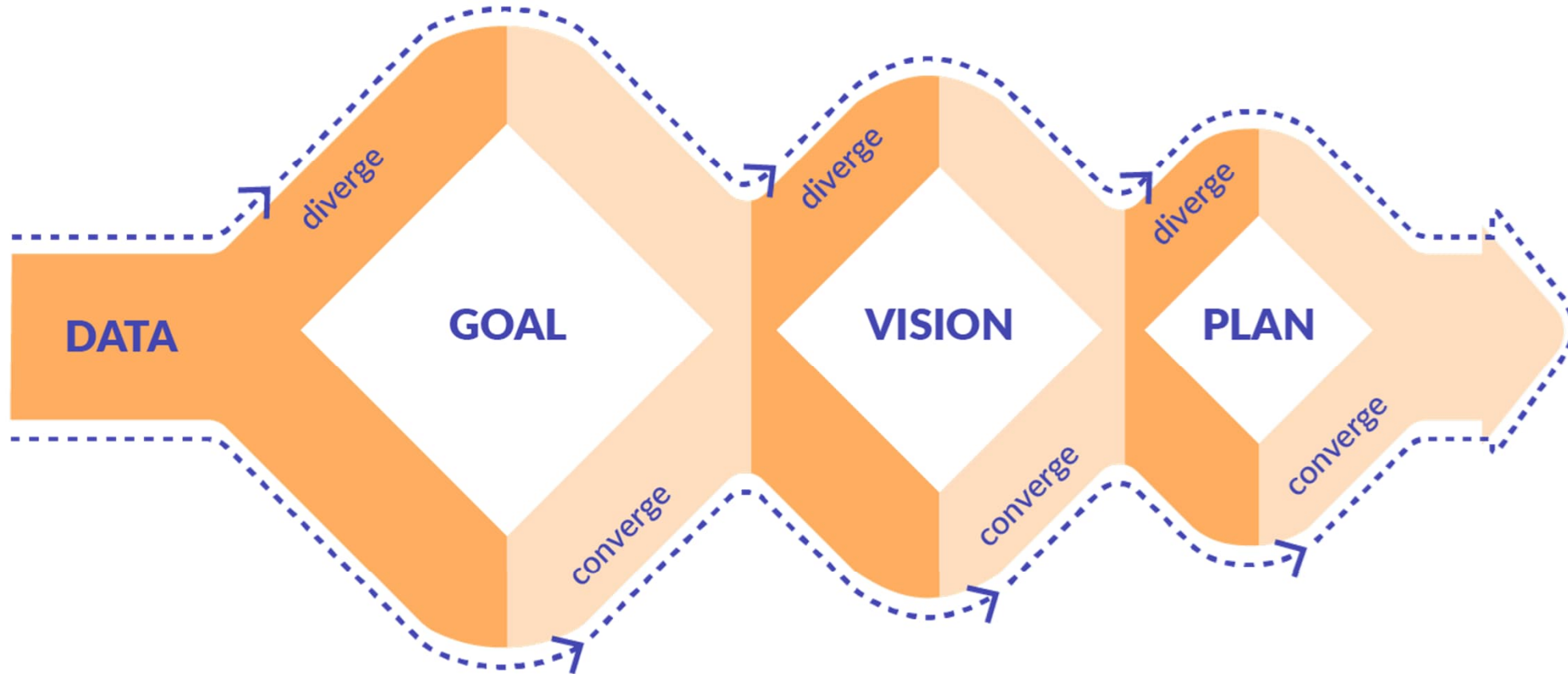


## Digitalisazion creates new possibilities for using more efficient and enjoyable participation

- Social media platforms
- Gaming
- Map-based questionnaires
- Online dialogues
- Texting apps
- Videos
- Blogs
- Electronic polling
- Collaborative budgeting
- Virtual meetings



# THE FLOW OF COMMUNICATIVE ACTIONS IN DIFFERENT PHASES OF PLANNING PROCESS





**MAPTIONNAIRE**

# COMMUNITY ENGAGEMENT PLATFORM

The digital heart for building cities together

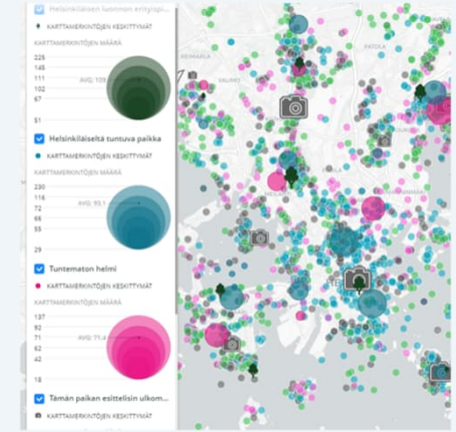




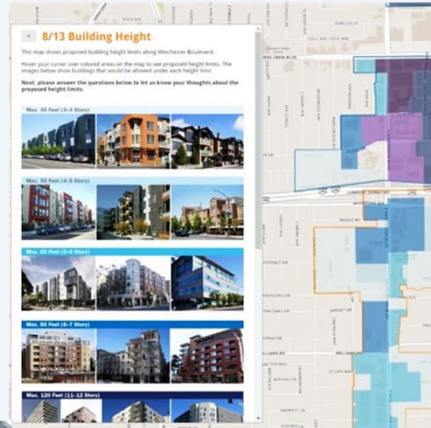
Established  
**2011**



**40**  
countries



**10000+**  
projects



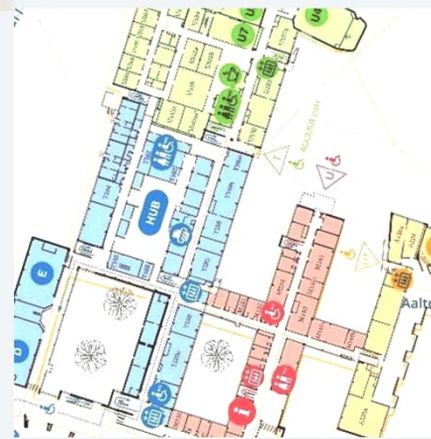
**1,8 million**  
Map-based answers



**400k+**  
Participants



**10**  
million  
responses



**200+**  
Customers





# MAPTIONNAIRE USE IN MASTER PLANNING

Support your communication & engagement needs throughout all stages of the master planning process with just one digital solution



PREPARATION

Collect grassroots level data from different stakeholder groups with the help of map-based questionnaires.



PROPOSAL

Present plans and drafts to citizens and collect their opinions and comments.



APPROVAL

Organize a public hearing process and direct citizen comments directly to the administrative systems and specialist teams.

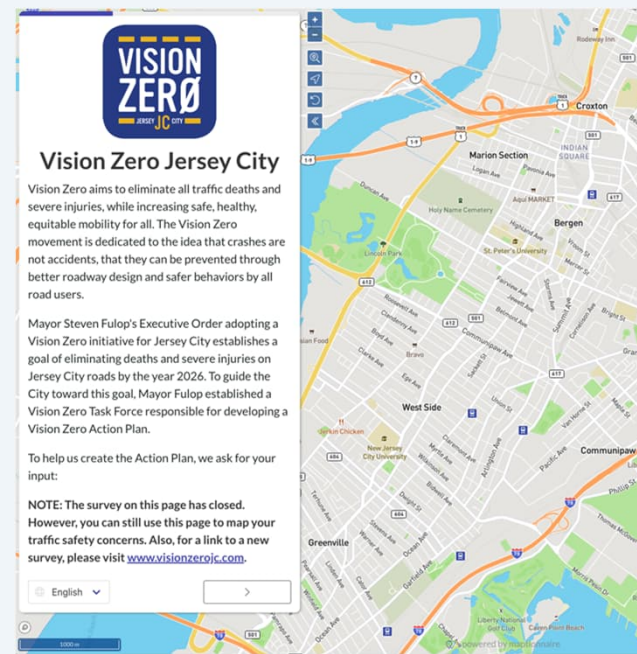


IMPLEMENTATION

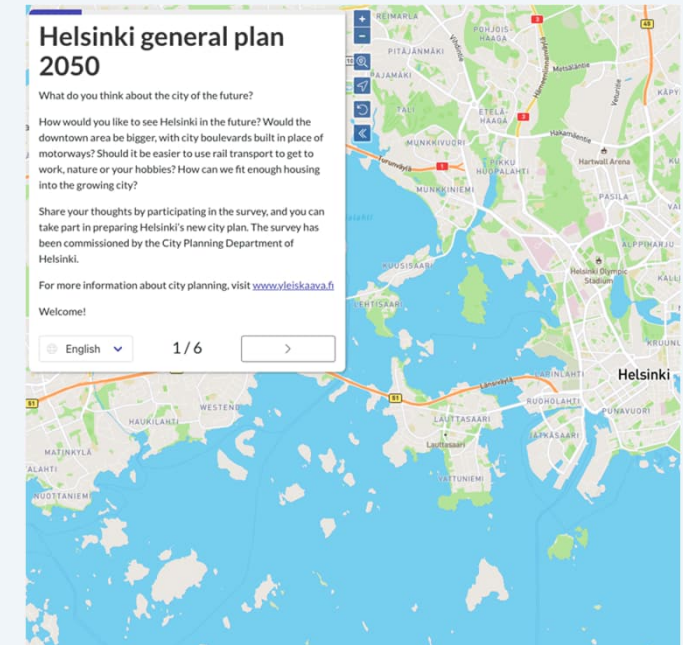
Enable project tracking and collect feedback on plan implementation via informative project websites and surveys.

# PREPARATION STAGE

- **Collect grassroots data** from stakeholders and residents with map-based and traditional surveys.
- **Learn about stakeholders' and residents' experiences** of the existing environment and their needs for change.
- **Use the online tools in onsite events** and facilitate face-to-face discussions.



[Vision Zero Jersey City](#)



[Helsinki General Plan 2050](#)



# PROPOSAL STAGE

- Organize online polls or ask the participants to prioritize items to support decision-making.
- Let participants evaluate the proposal dynamically via map-based tools and point the exact locations in their comments.
- Manage the process swiftly and smoothly with the easy-to-use digital interface: show projects on a map, use voting tools, adjust the project's timing, and include updates and results.

**The American River Parkway**

How frequently do you visit the American River Parkway? Check all that apply.

- I'm a regular visitor to the Parkway (more than once a month).
- I visit about once a month.
- I'm an occasional visitor (a few times per year).
- I'm an infrequent visitor (maybe once or twice a year).
- I don't visit, I only enjoy the parkway from a distance.
- I don't visit, and don't know where the American River Parkway is.

How do you use or enjoy the American River Parkway? Check all that apply.

- Accessing the river.
- Walking, jogging, or running on trails.
- Bicycling (commute or transportation)
- Bicycling (for fun and recreation)
- Horseback riding
- Enjoying nature, birds, wildlife, views.
- Fishing

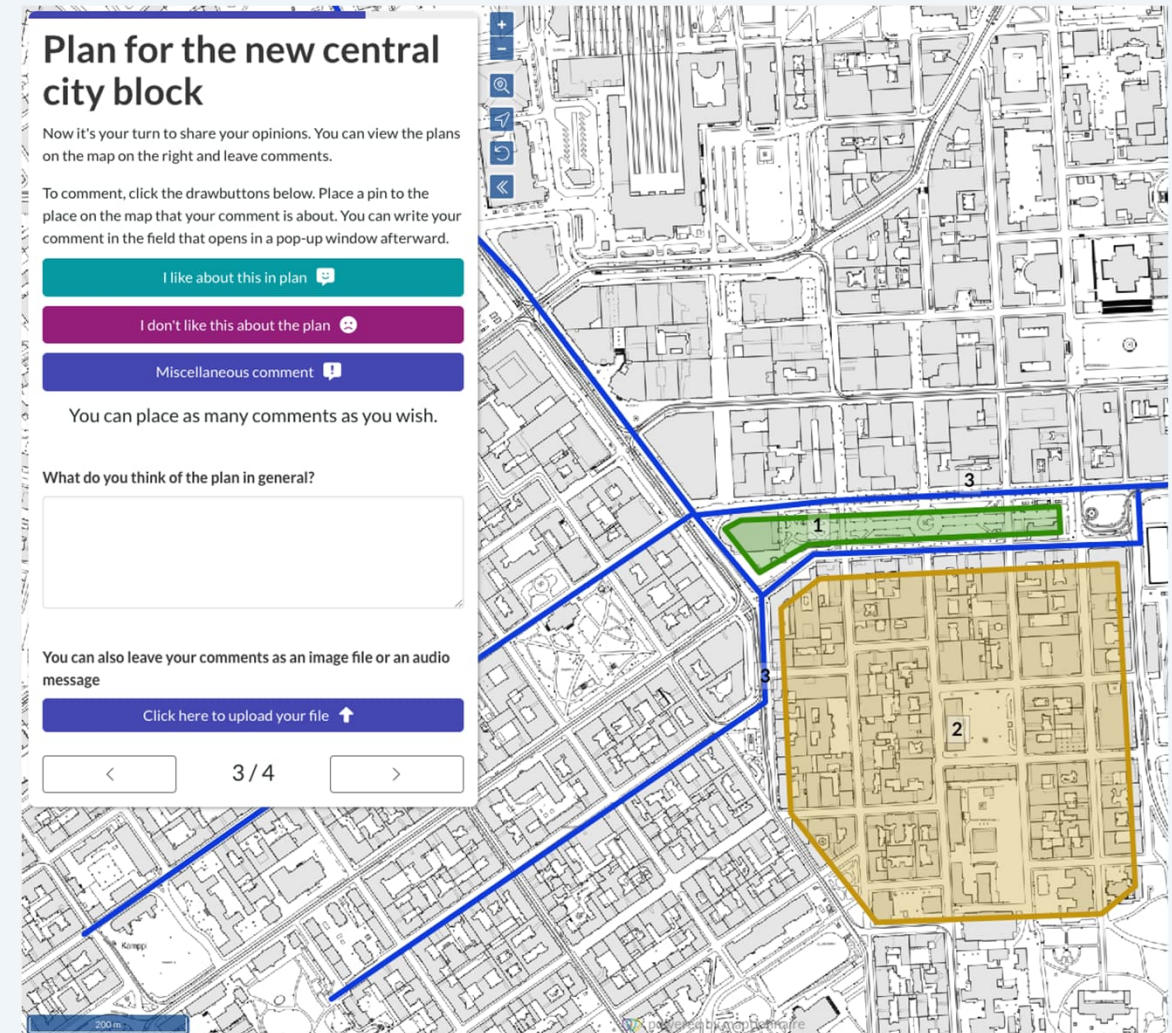
AMERICAN RIVER PARKWAY

5km Central powered by mapionnaire



# APPROVAL STAGE

- Convert responses into standardised reports that are sent automatically to a city registry to satisfy bureaucratic requirements.
- Increase transparency and trust by making the public hearing process transparent.
- Eliminate the need for planners or registry workers to additionally modify, print out, or stamp public comments.
- The acquired data is ready for analysis.



Public Hearing: Maptionnaire Demo



# IMPLEMENTATION STAGE

- **Collect feedback** about the use of recently developed spaces and services.
- **Close the feedback loop** by actively sharing the engagement results.
- **Report about the progress** and the decisions about the plan implementation.



THE UNIVERSITY of EDINBURGH

EDINBURGH'S thriving green spaces

How do you use and what do you think of Edinburgh's green and blue spaces?

This survey is by the City of Edinburgh Council and the University of Edinburgh. We are interested in how you use our parks, rivers and shoreline (green and blue spaces) and also what you think about them. This and the other surveys we are running as part of the Thriving Green Spaces project will help us shape a new 30-year strategy for our parks and green spaces in the city, so you have a vital role in that process. The survey is anonymous, and your responses will be saved and kept confidential. By taking part we assume you give us consent to use the data you provide. You are free to leave the survey at any time. It will take you no more than ten minutes to complete this questionnaire.

We will ask you a series of questions about your use and experience of various green and blue spaces. You can move and zoom in and out of the map to find a specific place such as a park. Click on the buttons to go to the map and place pins on the sites you want to mark. Then you need to answer a number of questions about each one.

< 2 / 7 >

powered by maptionnaire

[Edinburgh's Thriving Green Spaces](#)



A person is using a laptop. The screen displays a map with a color-coded overlay, likely representing a GIS application. The person's hands are on the keyboard. A blue semi-transparent box is overlaid on the left side of the image, containing the text 'PPGIS – PROS AND CONS'.

# PPGIS – PROS AND CONS



# CRITICAL REFLECTION OF PPGIS AS A PARTICIPATORY PLANNING TOOL

## 203 REAL-LIFE MAPPING PROJECTS

Kahila-Tani, M. Kyttä, M. & Geertman, S. (2019)  
Does mapping improve public participation?  
Exploring the pros and cons of using public  
participation GIS in urban planning practices.  
*Landscape and Urban Planning*, 186, 45-55.



## EXTENSIVE PARTICIPATION

### PROS

- Relatively high number of participants can be reached with reasonable effort
- Reaching new resident groups
- Fostering individual participation

### CONS

- Digital divide
- Data manipulation
- Challenges related to data collection strategies
- Technology stress & information overflow





A REVIEW OF  
OVER 200 SURVEYS:


**467**

RESPONDENTS ON  
AVERAGE

# INCLUSIVENESS: New resident groups can be reached

Taustatiedot Liikuminen Millainen Helsinki on Hyvinvointi Palaute

Vastaa ja kerro sinulle tärkeistä asioista kotisi ympärillä ja alueilla, joissa liikut! Meitä kiinnostaa, mitä kaikkea teet kaupungissa ja miltä se tuntuu. Kerro näkemyksesi, sillä jokainen vastaus on yhtä tärkeä!

Kyselyyn ehdit vastata koulutunnin aikana. Toivottavasti jaksat vastata kaikkiin kysymyksiin ja valita karttasivulta sinulle tärkeät asiat! Jos et kuitenkaan ehdi vastata kaikkiin kysymyksiin yhdellä kertaa, voit keskeyttää kyselyyn vastaamisen ja palata myöhemmin täydentämään vastauksiasi. Kyselyssä on monta vaihetta, ja tiedot tallentuvat sitä mukaa, kun etenet sivuilla. Voit myös palata aiemmille sivuille korjaamaan vastauksiasi. Jos tarvitset ohjeita vastaamiseen kyselyn aikana, klikkaa hiirellä  -merkkiä tai kysy neuvoa luokassa olevilta avustajilta.

**KARTTA**

**Moikka, kerro miltä ympäristösi tuntuu!**

**Aloita vastaaminen ▶**

Tutustu kyselyyn osallistumatta tutkimukseen (Antamasi tietoja ei tallenneta)

Kaupunkiympäristö ja lestin liikkuminen (KYLLÄ) - tutkimushanke on Opetusministeriön rahoittama. Tutkimuskumppaneina toimivat Teknillisen korkeakoulun Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskus, Tampereen teknillisen yliopiston EDGE-kaupunkitutkimuslaboratorio sekä URK -instituutti. Tutkimus toteutetaan Helsingin kaupungin Opetusväestön suostumuksella. Lähitietoa tutkimuksesta

## ⤴ Công Viên và những Nơi Giải Trí

Công Viên và những Nơi Giải Trí (sân banh, vườn, công trường, v.v.) tạo cơ hội để chúng ta chơi, tập thể thao, nghỉ ngơi, và xây quần.

**Xin dùng ghim màu hồng này để định vị trí những công viên, hay nơi giải trí ưa thích nhất của quý vị. Xin dùng ghim màu xanh để định vị trí những công viên, hay nơi giải trí mà quý vị thường thăm viếng nhiều nhất.**

Những công viên, hay nơi giải trí ưa thích nhất 

Những công viên, hay cơ sở giải trí thường lưu viếng nhất 



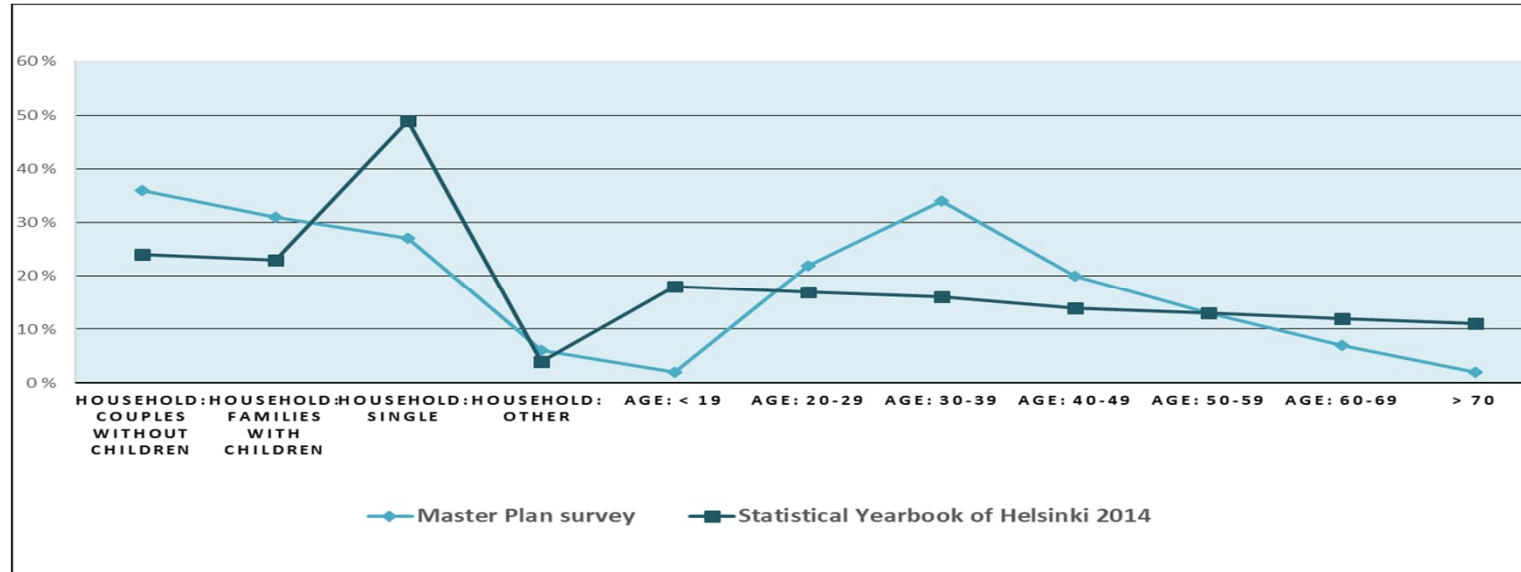
The map displays the city of San José with various parks and recreation areas highlighted in orange. A pink pin is placed on a park in the northern part of the city, and a green pin is placed on a park in the southern part. The map includes labels for major roads like Bayshore Fwy, Sinclair Fwy, and US 101, as well as neighborhood names like Little Portugal and Little Saigon.

# PPGIS FOSTERS INDIVIDUAL PARTICIPATION

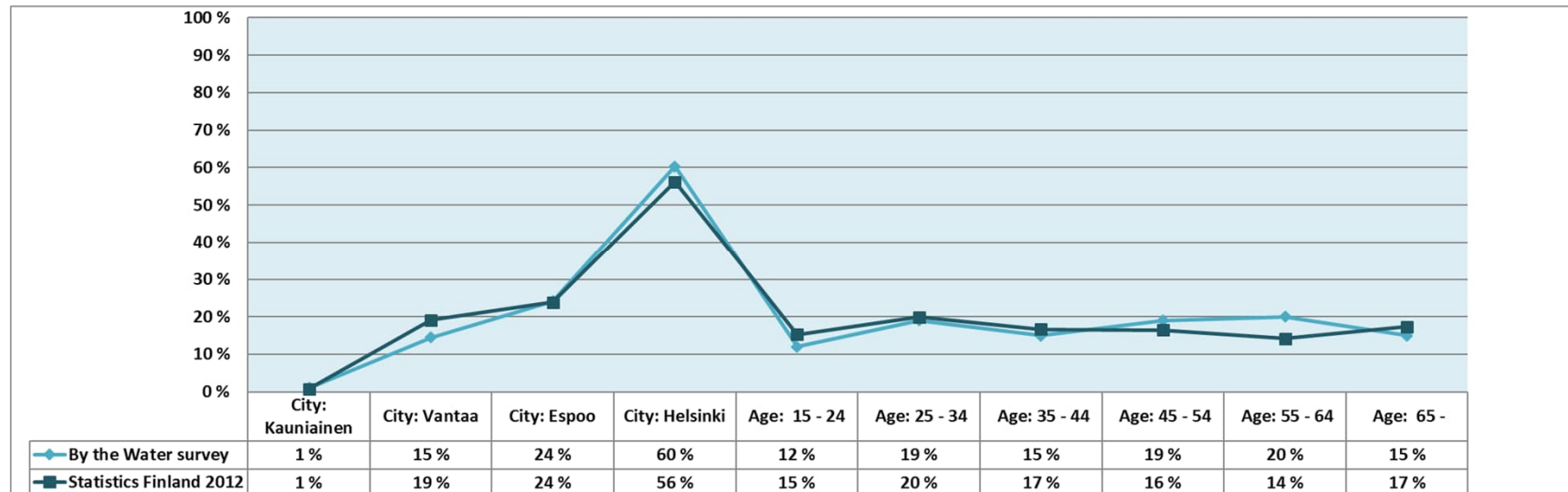
|                      | Individual participation   | Collective participation  |
|----------------------|--|---|
| Diversity of opinion | Each person should have the opportunity to share their private information | The private information of different persons' is filtered through groups aims |
| Independence         | Peoples' opinions are not determined by those around them                  | Peoples' opinions form part of the joint understanding of the group           |
| Decentralisation     | People are able to specialize and draw on local knowledge                  | Combines and acknowledges local knowledge from different sources              |
| Aggregation          | Some mechanisms exist for turning private judgements into public judgement | Effective mechanisms for turning private judgements into public judgement     |

Kahila-Tani, M. (2016) *Reshaping the planning process using local experiences: Utilising PPGIS in participatory urban planning*. Aalto University publication series, 223.

# HOW ABOUT REPRESENTATIVENESS?



Case  
Helsinki Master Plan



Case  
By the water survey

# DIGITAL DIVIDE AND TECHNOLOGY STRESS



Gottwald, S. Laatikainen, T. Kyttä, M. (2016) Exploring the usability of PPGIS among older adults: challenges and opportunities. *International Journal of Geographical Information Science*, 1-18.

# HIGH QUALITY, VERSATILE AND USABLE KNOWLEDGE

## PROS

- Localized information related to planning situations
- Allow the collection of positive feedback
- Place-based data can be integrated to existing systems

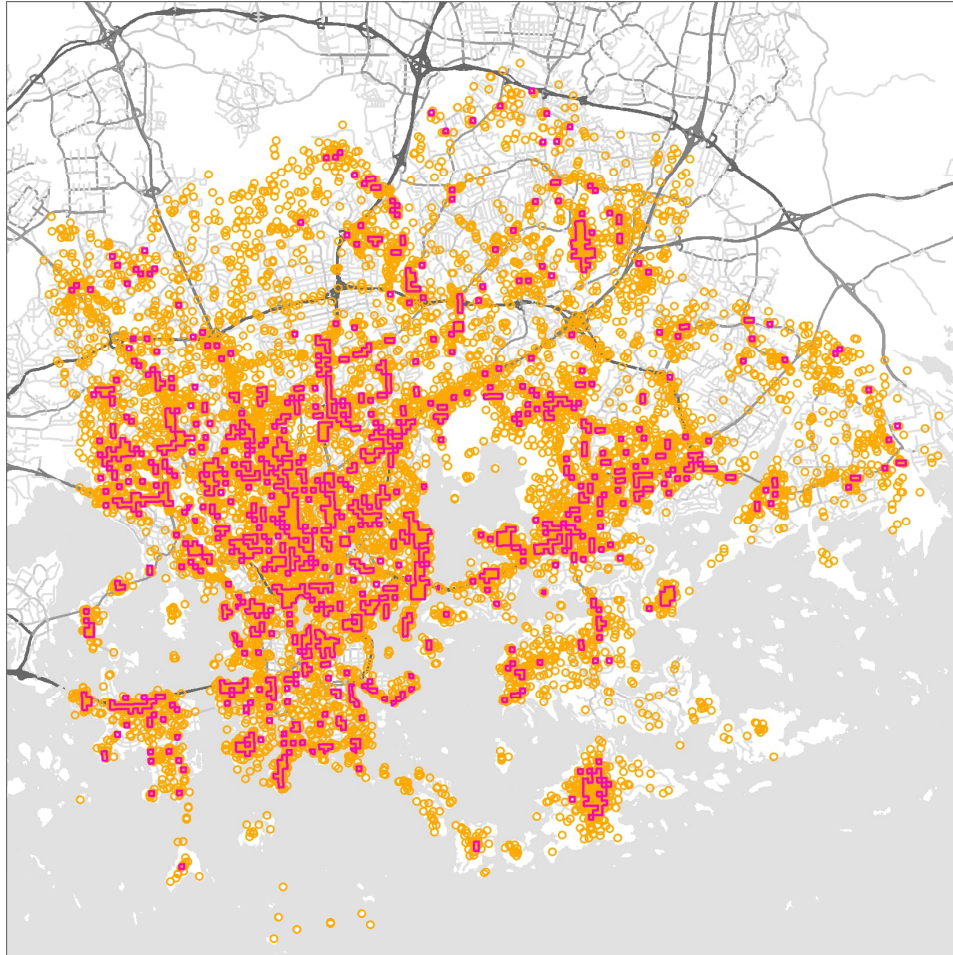
## CONS

- Potential of cherry picking - misuse of data to support e.g. the existing presumptions
- Potentially lack of transparency
- Frustration of participants if nothing changes

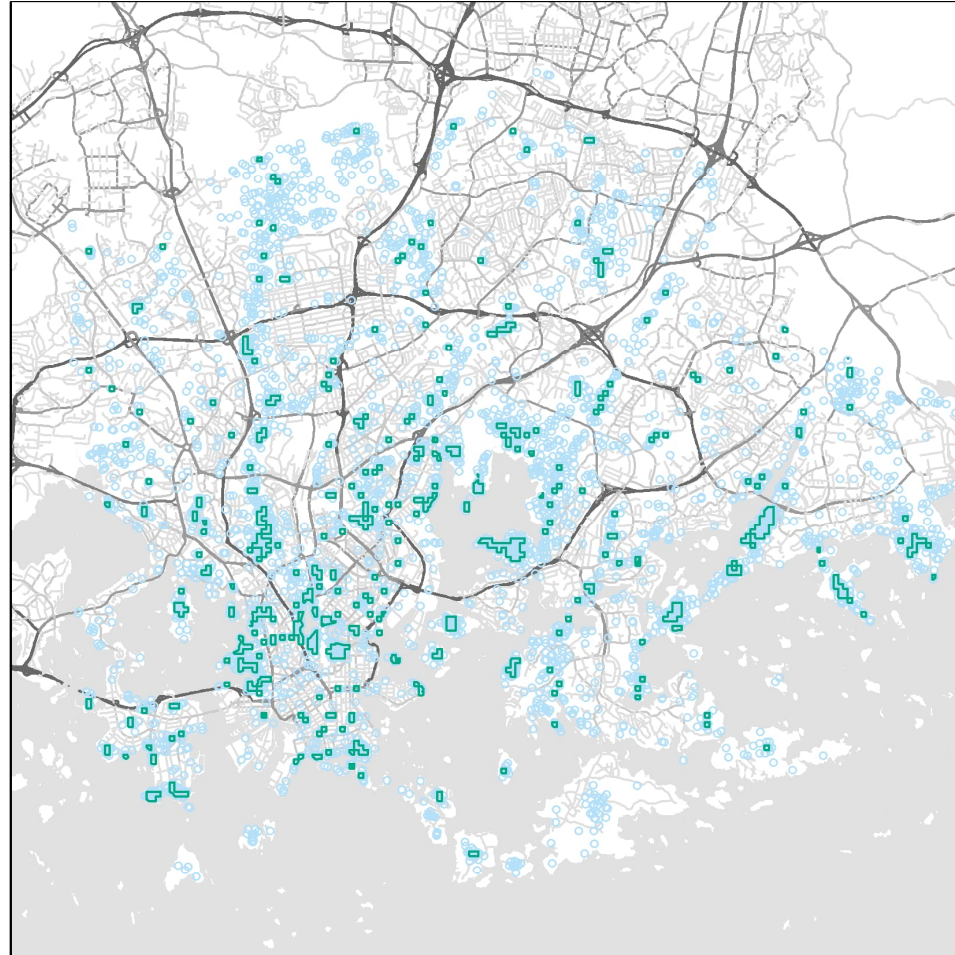


# NEW TYPE OF KNOWLEDGE IN A VISIBLE FORMAT

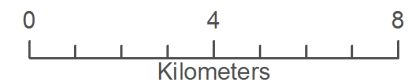
Case Helsinki Master plan: Locations of the new building sites & green areas that should be protected



- New building sites
- ▭ Clusters for new building site input

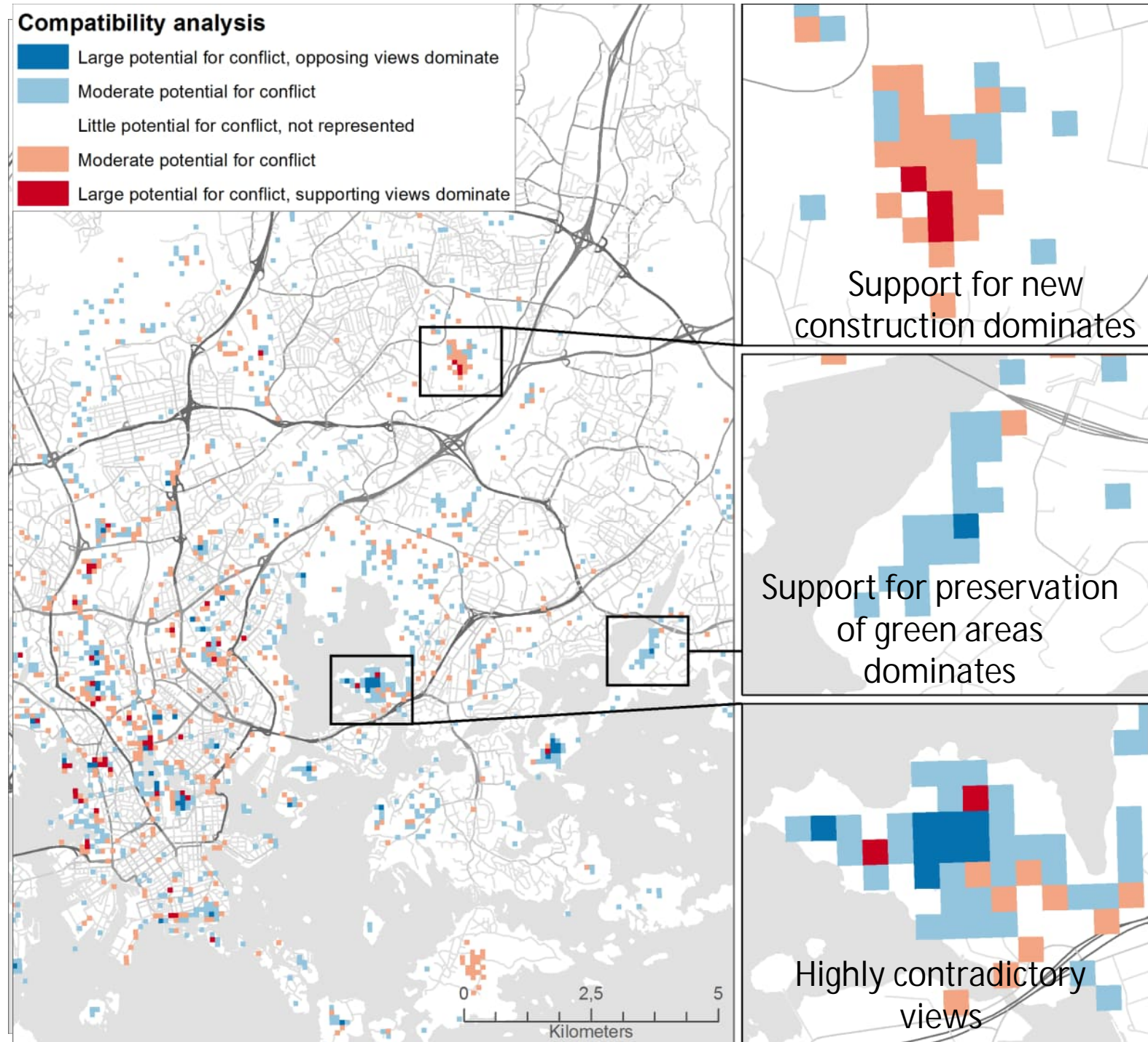


- Important green areas
- ▭ Clusters for important green area input



# REVEALES RESIDENTS' CONFLICTING VIEWPOINTS OF THE PLANNING TOPIC

Case  
Helsinki Master Plan:  
Compatibility-  
analysis





# CHERRY PICKING – Idea competition winner in Vaasa: Mansikka ja Variksenjalka



An aerial photograph of a lush green forest. A dirt path winds through the dense vegetation. A person wearing a red helmet and a backpack is riding a bicycle on the path. The background is filled with various shades of green, indicating a healthy, diverse ecosystem.

# EFFECTIVE PRACTICES OF PUBLIC PARTICIPATION

## PROS

- Easy to implement
- Data collection in various geographic scales
- Usable in various phases and planning situations
- Systematic data collection reduces unnecessary data collection

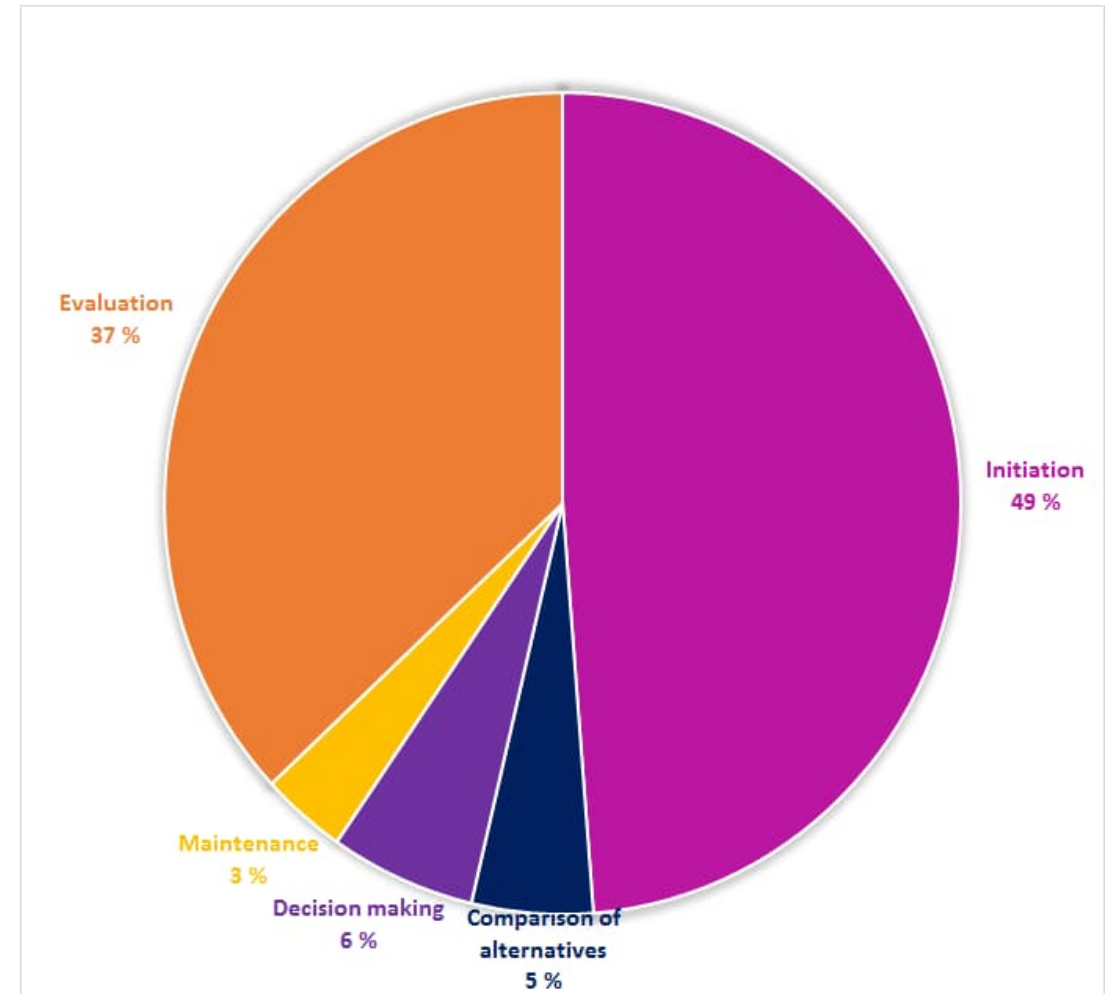
## CONS

- Leads easily to the continuation of top-down participation
- Can take the form of non-meaningful participation
- Lack of economic resources, skills, interests etc., can prevent use of digital methods
- Digital methods alone are seldom sufficient

# IN WHICH PHASES OF THE PLANNING PROCESS?

Real life planning cases 2013-2017, n= 203

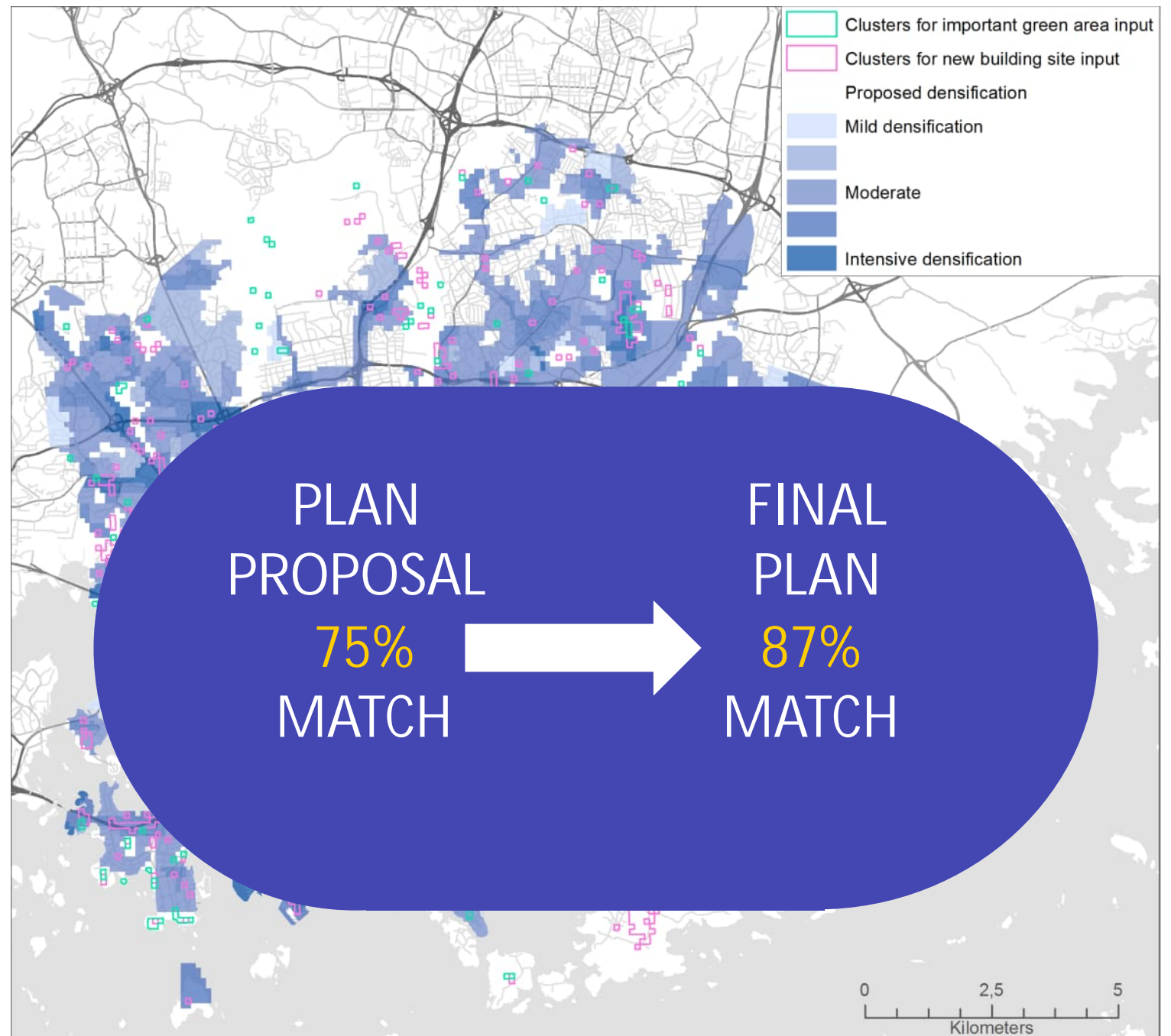
- Initiation
- Comparison of alternatives
- Decision making
- Maintenance
- Evaluation



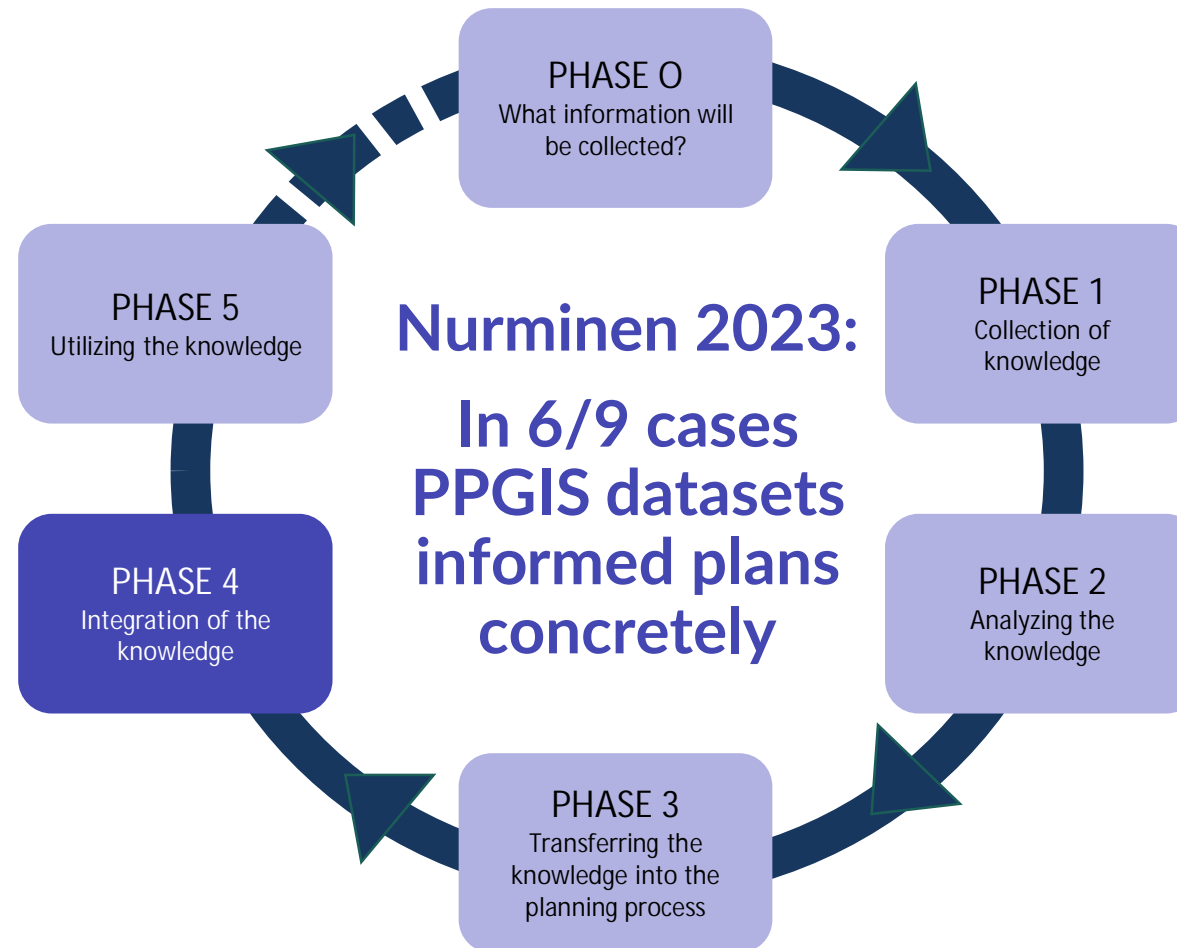
# MORE INFLUENTIAL PARTICIPATION?

The comparison between participants' views and the Helsinki Master Plan proposal

Kahila, M. Broberg, A. Kyttä, M. & Tyger, T. (2016) Let the citizens map - Public participation GIS as a planning support system in Helsinki 2050 master planning process. *Planning practice and research*, 31, 2, p. 195-214.



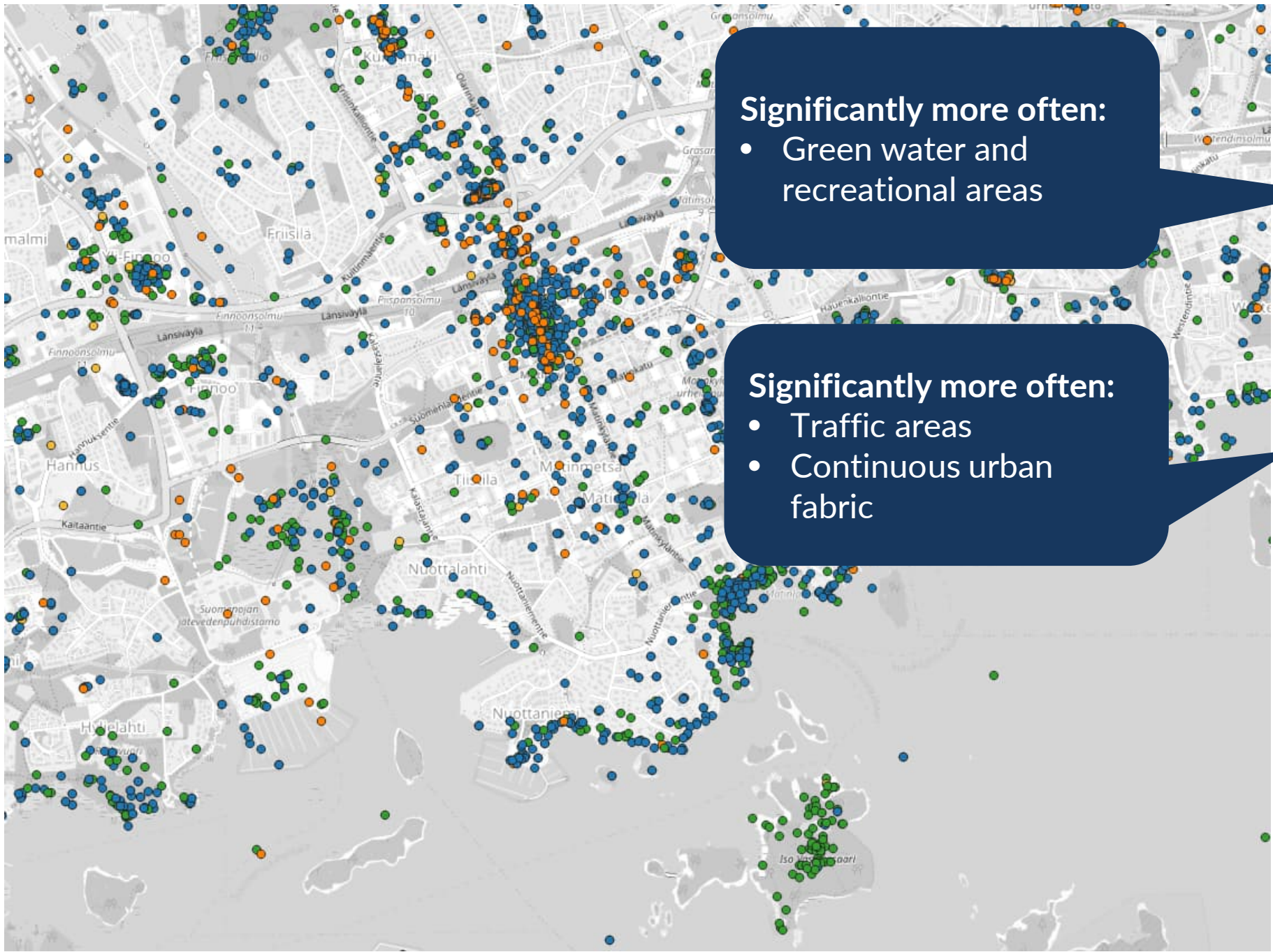
# RECENT STUDY ABOUT 9 URBAN PLANNING CASES IN FINLAND



# NOW: DEVELOPMENT PRIORITIZATION MODEL

Case: City of Espoo

|                                   |          | How often do you visit this place? |                      |
|-----------------------------------|----------|------------------------------------|----------------------|
|                                   |          | Seldom                             | Often                |
| The personal meaning of the place | Negative | Development potential              | Development priority |
|                                   | Positive | Maintenance priority               | Protection priority  |



Significantly more often:

- Green water and recreational areas

Significantly more often:

- Traffic areas
- Continuous urban fabric

Maintenance strategy

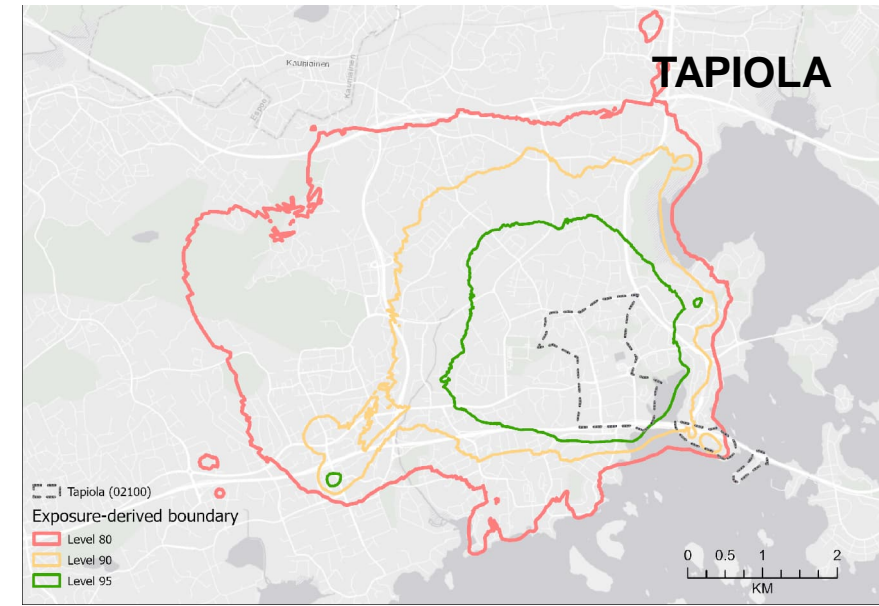
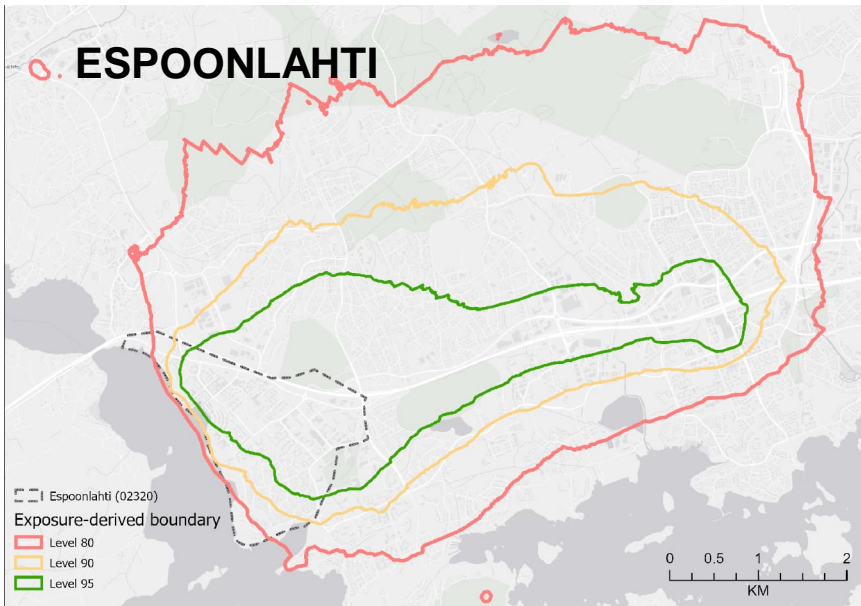
Protection priority

Development priority

Development potential

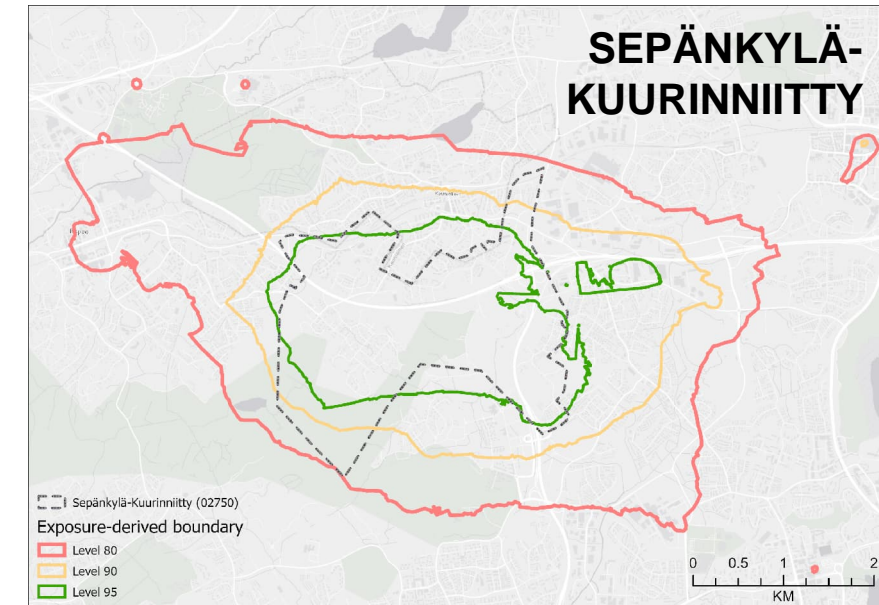
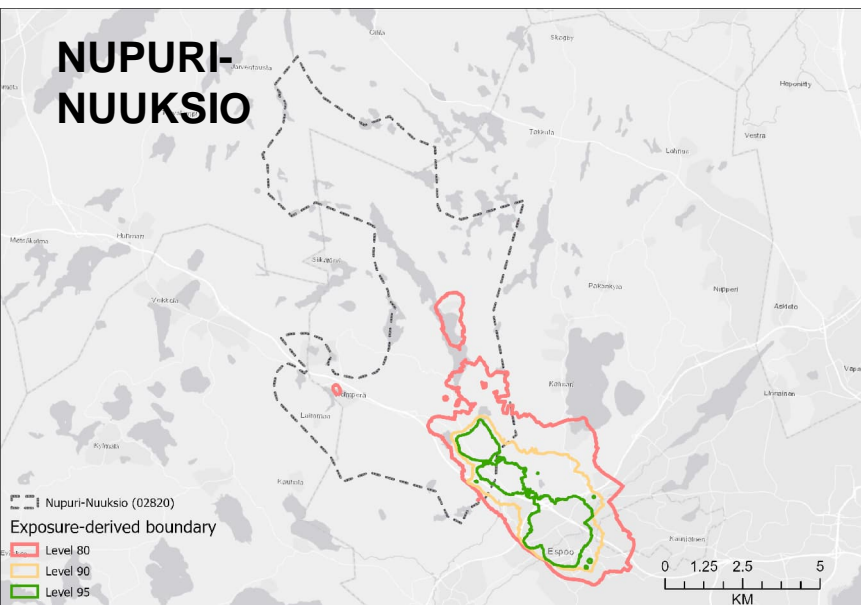






# REDEFINITION OF NEIGHBOURHOOD BOUNDARIES

based on individual activity spaces



(KAMYAR HASANZADEH  
2023)

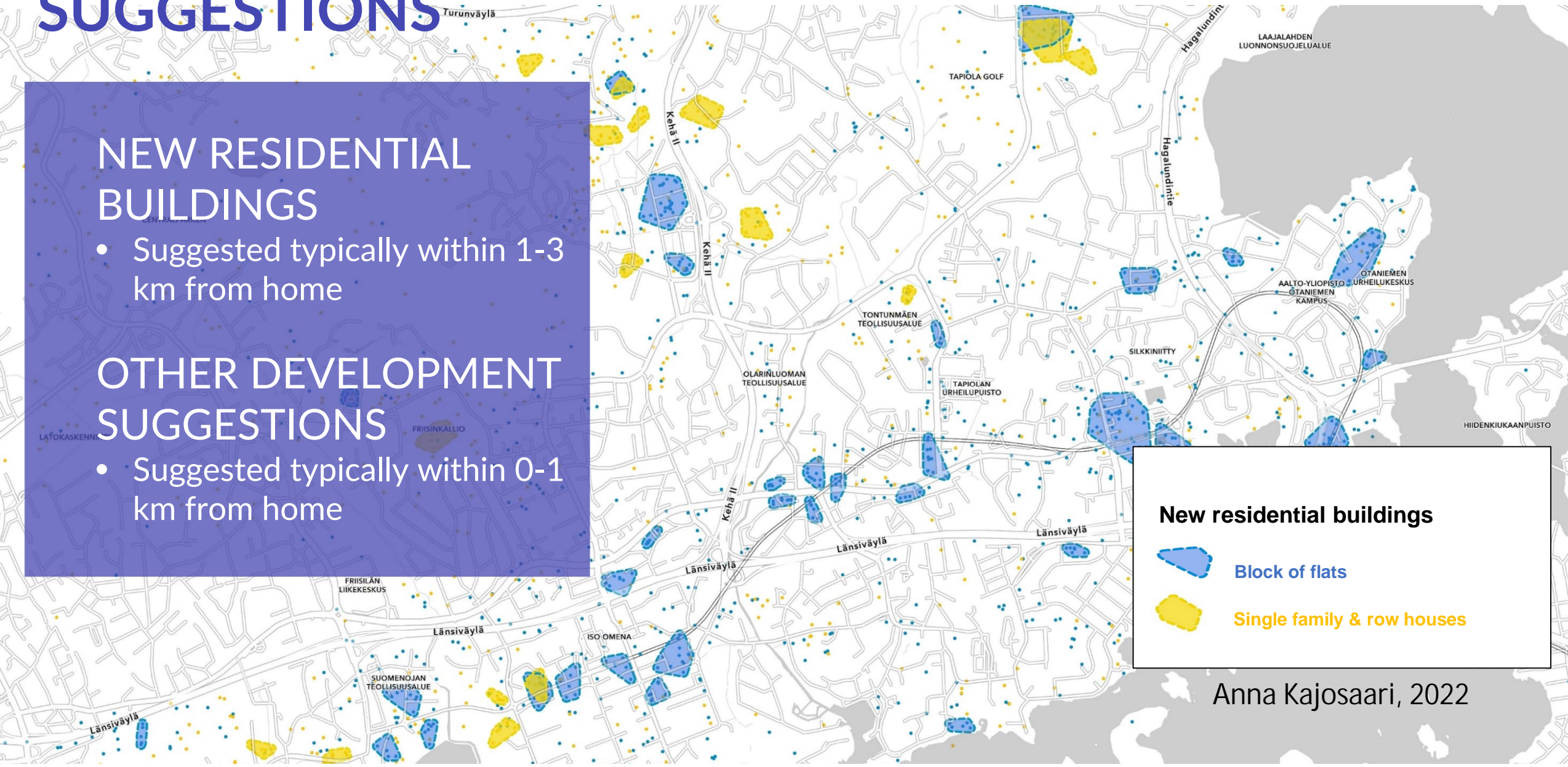
# LOCATIONS FOR NEW INFILL & IMPROVEMENT SUGGESTIONS

## NEW RESIDENTIAL BUILDINGS

- Suggested typically within 1-3 km from home

## OTHER DEVELOPMENT SUGGESTIONS

- Suggested typically within 0-1 km from home



Anna Kajosaari, 2022

# PLACE-BASED DATA FROM PEOPLE CAN BE INTEGRATED TO EXISTING SYSTEMS

Case: City of Lahti, Finland

The screenshot displays a GIS application interface with the following components:

- Top Bar:** ALOITUS, PUNAKYNÄ, LASKENTA, LAHTI\Palomaki\_J
- Left Panel:**
  - Näkymä: Ajankohtaista
  - Valitse teema: Perusteema
  - Valitse näkyvät tasot:
    - Opaskartta
    - Peruskartta MML
    - Perusaineistot -
    - Ympäristö -
    - Maanalaiset johdot -
    - Kiintopisteet ja karttalehdet -
    - Aluejaot -
    - Liikenne -
    - Iris aineistot -
    - Kaavoitustilanne ja suunnitelmat -
    - Maisema- ja yhdyskuntarakenne -
    - Suojelu ja kaupunkikuva -
    - Asemakaava -
    - Yleis- ja Maakuntakaava -
    - Karttakyselyiden tulokset -
    - Paikannukset Oma Lahti -illoista -
    - Lähiluontokartoitus -
      - Lähiluontokartoitus, alueet
      - Lähiluontokartoitus, pisteet
      - Lähiluontokartoitus, viivat
    - Kaivuluvat
    - Työmaakohteet -
    - Ortoilmakuvat, Viistokuvat -
      - Ilmakuva 2014
      - Ilmakuva MML
      - Ilmakuva 2011
      - Ilmakuva 2008
      - Ilmakuva 2005
      - Ilmakuva 2001
      - Ilmakuva 1997
      - Ilmakuva 1995
      - Ilmakuva 1986
      - Ilmakuva 1979
- Main Map Area:**
  - Search bar: Sykekatu
  - Map labels: Päijät-Häme Regional Hospital, Residential Quarter / Apartment Buildings, Kanerva Daycare Centre, Keskussairaalankatu, Sykekatu, Salpausselkä Natural Area
  - Blue lines and dots representing place-based data.
  - Green lines representing natural area boundaries.
  - Scale bar: 100 m
- Bottom Bar:** P 6764501.596 1 26476971.721 Wupp 0.67 Trimble

# MEANINGFUL PARTICIPATION – avoid playing with the participants

*The biggest advantage so far has been the ‘image’ benefit of implementing this kind of survey. To be able to use the content of the survey we have to deepen the analysis.”  
(Case Helsinki: Planner)*

... PPGIS can be used as a therapeutic participatory device



**Where next?**

## 5/7: Mitä korttelissa voisi tulevaisuudessa sijaita?

Pääsit kyselyn alussa tutustumaan kortteliin ja sen rakennuksiin sekä mahdolliseen uudisrakentamiseen. Millaisia toimintoja tai elämyksiä haluaisit näihin rakennuksiin? Mitä ideoita sinulla on korttelin sisäpihalle ja ulkotilaan? **Kerro ideasi ja toiveesi ja merkitse ne kartalle.**

1. Valitse alla olevasta listasta paikkamerkki, joka parhaiten vastaa ajatustasi.
2. Klikkaa paikkamerkkiä ja se avautuu 3D-näkymään.
3. Sijoita paikkamerkki ympäristöön siihen kohtaan, johon haluaisit toiveesi tai ideasi toteutuvan. Jos paikkamerkin tarkka sijoittaminen on hankalaa, voit laittaa sen suurin piirtein kohdalleen.

HUOM! Voit lisätä näkymään niin monta paikkamerkkiä ja ideaa kuin tahdot.

Vaihtoehtoisesti voit kirjoittaa ideasi seuraavalla sivulla.

Uusi palvelu (esim. kauppa- tai hyvinvointipalvelu) 📍

Kulttuuri- tai taide-elämys 📍

Vihreää kaupunkia 📍

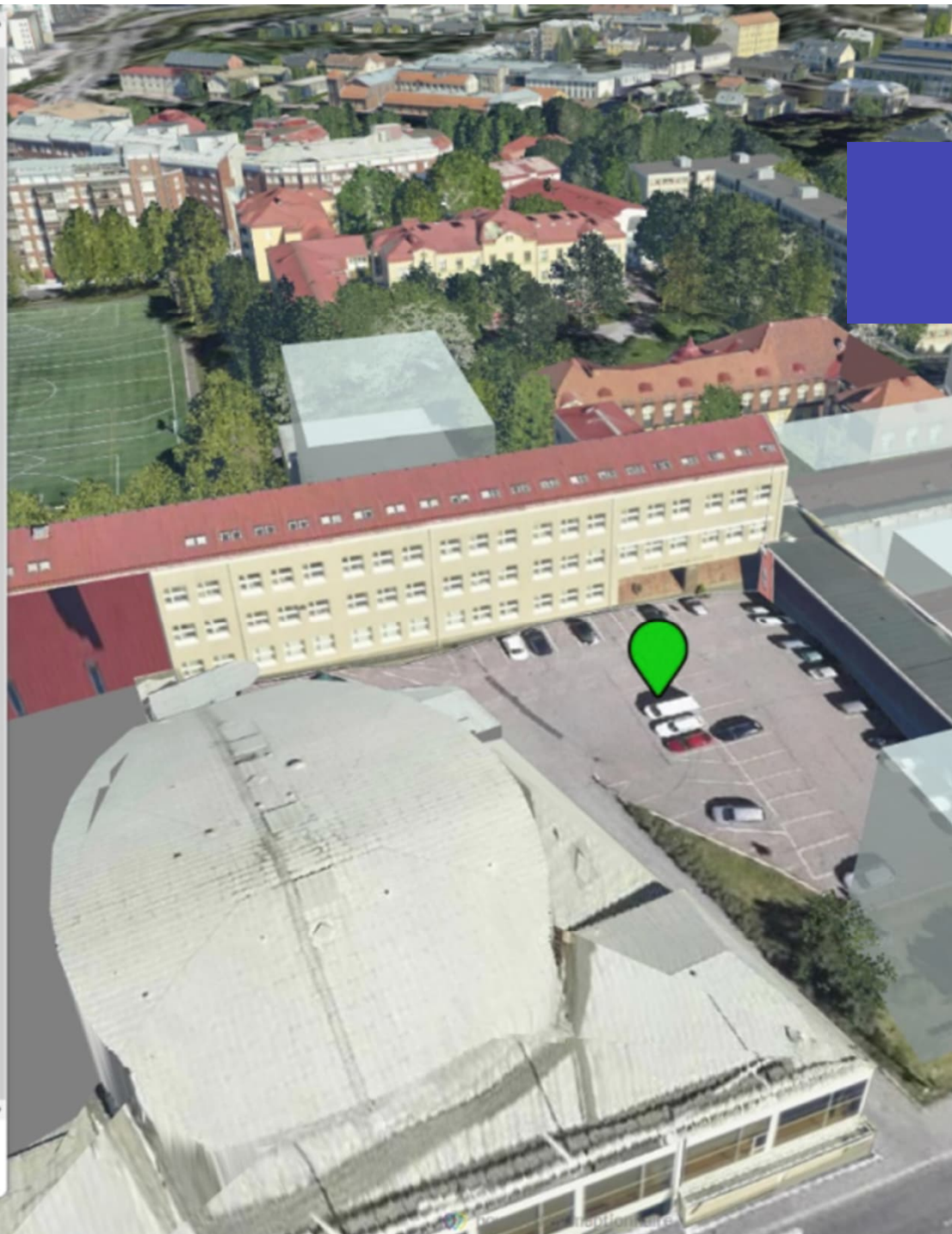
Uusi asumismuoto 📍

Esteettömyysratkaisu 📍

Liikunta- tai harrastusmahdollisuus 📍

Työskentelytila 📍

Muu idea tai toive 📍



## 3D Collaboration

- Broad use cases – collect feedback with 3-dimensional models for both buildings & their surrounding environments
- Achieve clarity – help citizens understand what a complex development project will really look like
- Improve interactions – create a shared language between experts



# 3D Collaboration – Use Case City of Turku, Aninkainen

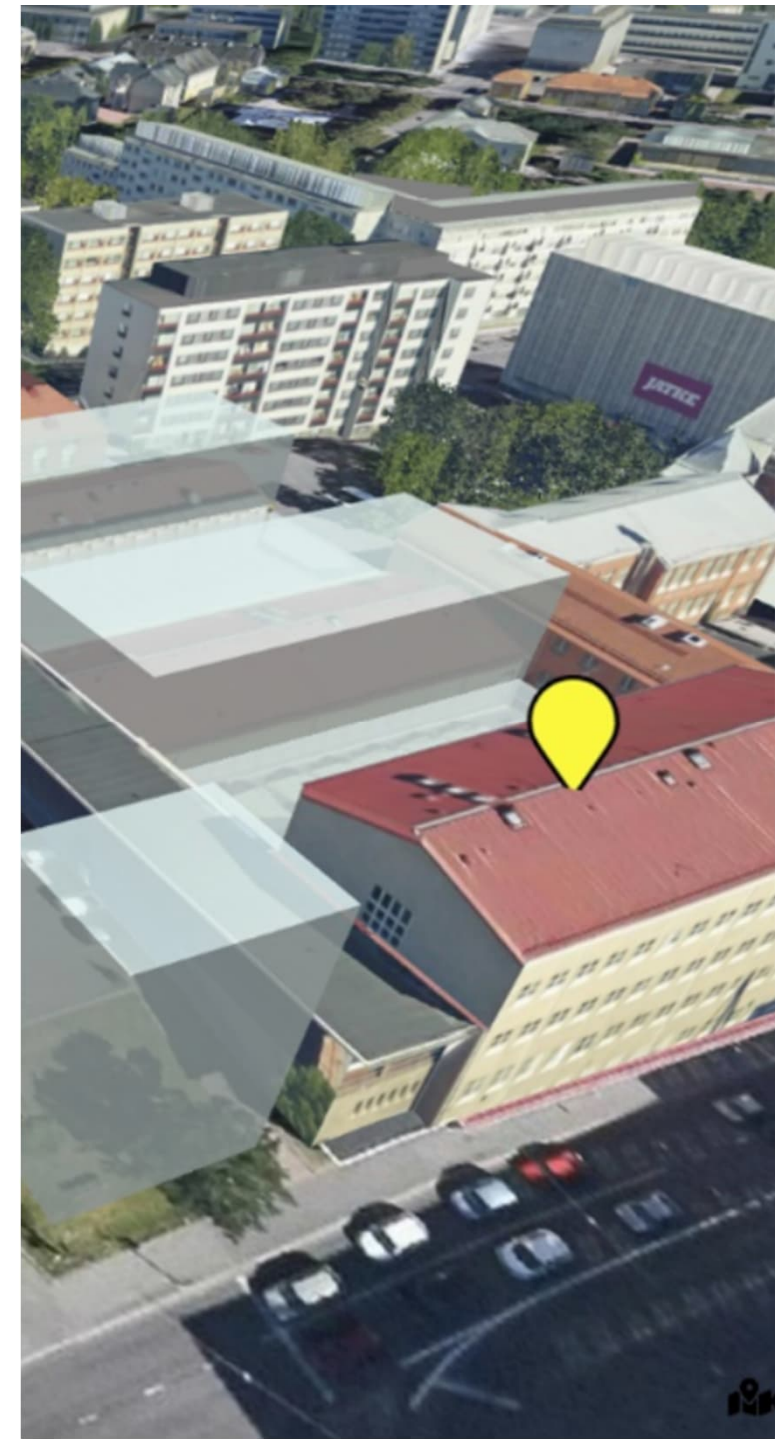
Study was linked to an on-going planning process in one specific city block, Aninkainen. The aim of the survey was to increase knowledge of this specific part of the city and collect ideas for its future development.

In the survey, the respondent could read about the history and view photographs of the area, have a predetermined 3D fly-through around the area, navigate and click on information boxes in the 3D view, place future ideas on it using map markers, and describe the ideas in words.

Outcomes:

- 126 respondents with nearly equal gender distribution and most common age between 30-64 years
- Usability challenges faced by smartphone users
- Challenges: slow rendering of the 3D view, task of mapping ideas using place markers, and navigating on the 3D view.
- Those who had the skills and proper device to respond to the survey, found the experience very positive – no one said they wouldn't recommend the tool further.
- Planners experienced that the pilot gave them valuable insights on how it can be used with citizens.

Project team: City of Turku, University of Turku/GreenPlace, Sova 3D, Maptionnaire





**Participatory budgeting projects are popular among citizens, but can take up a lot of resources to organize**



# Maptionnaire offers a flexible solution developed from the organizer's perspective



## Create a project webpage

- Inform
- Summarize
- Discuss

## Collect ideas from citizens

- Split ideas with potential for more than one proposal
- Merge similar ideas

## Refine ideas into realistic proposals


- Create and edit the content of proposals
- Show the ideas that were the basis for the proposal

## Start the vote

- Registering to vote is easy
- Citizens can keep up on the number of votes in real time

## Share the results

- Citizens can follow the progress of winning proposals into realized projects

A man in a white hoodie and dark pants is running through a colonnade of white columns. The background is a light, overcast sky. The man is captured in a dynamic pose, leaning forward with his arms outstretched, suggesting movement and progress.

# SYSTEMIC CHANGE

## ORGANISATIONAL CHANGES

Fatigue towards testing and innovating – stronger pressure on more comprehensive change

## NEW MANAGEMENT SKILLS

New skills needed to design, manage and lead community engagement processes

## EMBRACING TRANSPARENCY

Demand for diversity and inclusion requires more transparency and openness



*“The goal is for the citizen to see the connection and continuity of participation, planning and development work.”*

## Digitalizing Community Engagement with Maptionnaire

### Case study: City of Vantaa

- Though community engagement means face-to-face and online methods, online participation is playing an increasingly important role.
- Aim to get rid of the siloed thinking - almost all the departments in Vantaa have already started using Maptionnaire (e.g. urban planning, urban culture, day care and education, healthcare and social services).
- The aim is to harmonize the procedures of community engagement by enabling communication under the same umbrella.
- Vantaa has designed a main user model: each department has designated Maptionnaire users who help with implementing the service. They identify opportunities of how the service could be used within the department but also within the entire city.
- Easier to document the information and data gathered from different surveys. In the future, historical data will also be easily available for the entire city to utilize.





THANK YOU!

[maarit@maptionnaire.com](mailto:maarit@maptionnaire.com)

[marketta.kytta@aalto.fi](mailto:marketta.kytta@aalto.fi)

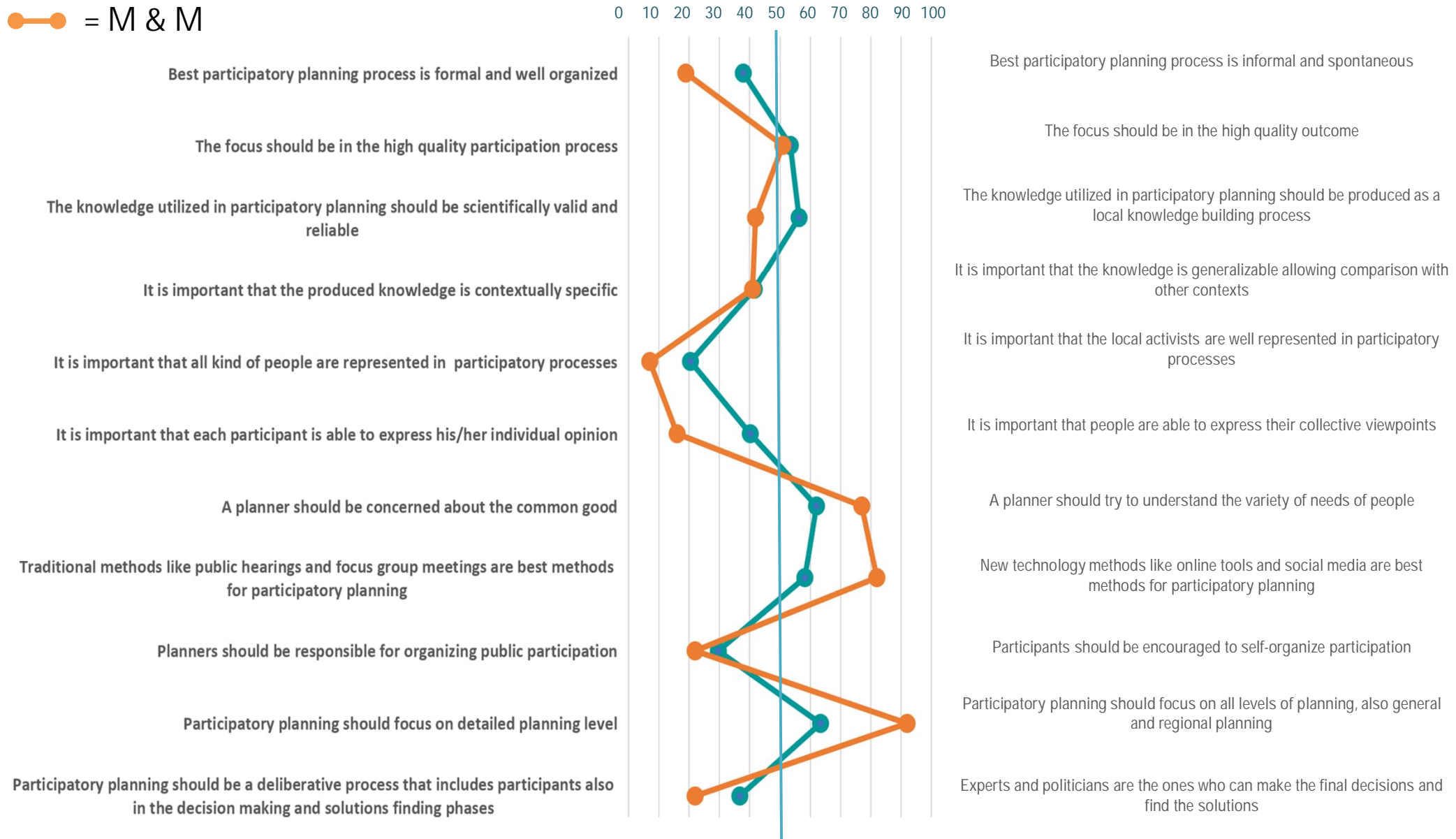
# Now: Discussion led by opponents

|      | Theme:  | Lecturer(s)                          |
|------|---|--------------------------------------|
| 6.3. | Does mapping improve public participation?  | Maarit Kahila-Tani<br>Marketta Kyttä |
|      | Opponents:  |                                      |
|      | Aku Staff, Larissa Hollub, Nicolette Slagle, Nadezhda Zubova, Katharina Reusteck, Amelia Cardwell |                                      |

# Teachers attitudes towards public participation vs those of the students

● = students

● = M & M



# The list of opponents now available!

- If the suggested time does not suit you, please agree with another student that you will switch dates, then inform me 😊

SPT-E3010 - Participatory Planning D, Lecture, 27.2.2023-27.4.2023

Participants

Grades

Sections

- » Welcome to study participatory planning!
- » Small assignments
- » Course work assignment
- » Lectures
- » Literature recommended by the lecturers
- » General course literature
- » For Aalto users

Dashboard

Site home

Calendar

HSP Content bank

Learner Metrics

Teacher Metrics

## SPT-E3010 - Participatory Planning D, Lecture, 27.2.2023-27.4.2023

Dashboard / My own courses / spt-e3010 - p...

### Welcome to study participatory planning!

|           | Theme  | Lecturer(s)   | Opponents   |
|-----------|--|---|---|
| 27.2.2023 | Introduction   | Marketta Kyttä  |   |
| 2.3.2023  | Course work option descriptions  | Kirsi Forss/<br>Marketta Kyttä/<br>Eveliina Harsia &<br>Pilvi Nummi |   |
| 6.3.2023  | Does mapping improve participation?  | Maarit Kahila &<br>Marketta Kyttä                                   | Aku Staff, Larissa Hollub, Nicolette Slagle, Nadezhda Zubova, Katharina Reusteck, Amelia Cardwell           |
| 9.3.2023  | People First. Urban indicators for a just and equitable transition   | Damiano Cerrone   | Jenni Kujala, Janne Koussa, Mikko Myllynen, Jesper Winogradow, Nea Hurme, Ziyi Fu, Joona Aspergen           |
| 13.3.2023 | Collaboration with residents' through decades  | Aija Staffans   | Aapo Salonen, Samu Hasegawa, Venla Moisio, Chris Yung, Daniel Liljestrand, Riina Hiltala                    |
| 16.3.2023 | Multimethod public participation and participants' experiences, case studies in Kontula, Helsinki and Viiskorpi, Espoo | Pilvi Nummi &<br>Eveliina Harsia                                    | Anton Härkönen, Viola Väänänen, Linda Autio, Mansi Garg, Lyon Wolf, Varpu Kurkilahti                        |
| 20.3.2023 | How does participatory knowledge impact planning outcomes?   | Saana Rossi &<br>Xunran Tan   | Gillian Henderson, Opeyemi Ajayi, Annarosa Whitman, Essi Salavirta, Otto Tarnanen, Aatu Jäntti              |
| 23.3.2023 | Updating collaborative planning for self-organising cities<br>Self-organized urban development and urban activism      | Maija Faehnle &<br>Sirku Wallin                                     | Rasmus Lammela, Joel Talvitie, Heini Lehtola, Emma Paasonen, Yue Zhang, Sami Niskakoski, Gideon Oladosu     |
| 27.3.2023 | Participatory budgeting at the City of Helsinki  | Mikko Rask  | Matias Saamaki, Antto Tukia, Julia Latvala, Riina Karvonen, Sonia Ahmad, Nino Chkharitshvili                |
| 30.3.2023 | Co-creating knowledge with citizens in urban infill areas  | Helena Leino  | Eemeli Ahvenniemi, Emmi Volanen, Xin Chen, Patrick Huber, Inari Gustafsson, Elham Pacity, Raakel Hämäläinen |
| 3.4.2023  | Conflicts and Collaboration in Planning  | Lasse Peltonen  | Ilmari Pyykkö, Väinö Rintala, Laura Jaunaka, Kanna Koyama, Saku Järvinen, Johanna Eickelmann                |
| 17.4.2023 | Building knowledge as a community for a brighter future  | Johanna Palomäki  | Aku Eloranta, Miikka Seppänen, Annika Hyttinen, Laura Lonka, An Duong, Elahet Ahmadnejadsaniabad,           |
| 20.4.2023 | Coursework presentations and discussion  | Marketta Kyttä  |   |

Assignments Forums Group choices Resources

Turn editing on Syllabus Edit MyTeaching Support

### Completion Progress

There are no activities or resources with activity completion set or no activities or resources have been selected. Set activity completion on activities and resources then configure this block.

### Latest announcements

[Add a new topic...](#)

Marketta Kyttä  
Course work option 3 6 Mar, 09:51

Marketta Kyttä  
Open source PPGIS 2 Mar, 19:38

Marketta Kyttä  
Teams link 2 Mar, 15:33

Marketta Kyttä  
Today's session 2 Mar, 14:13

Marketta Kyttä  
Please register! 2 Mar, 10:39

[Older topics ...](#)

### Upcoming events

L01  
Today, 16:00 » 18:00

L01



A”

Aalto University  
School of Engineering

Thank you!