

Public participation in urban planning with the use of online GIS

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Cities of Change – cooperation of cities in the field of city development
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This presentation is based on research project:

**An Experimental Study of Public Participation in Planning Decision Making
Using Web-based Geographic Information System**

Funded by:

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Research team:

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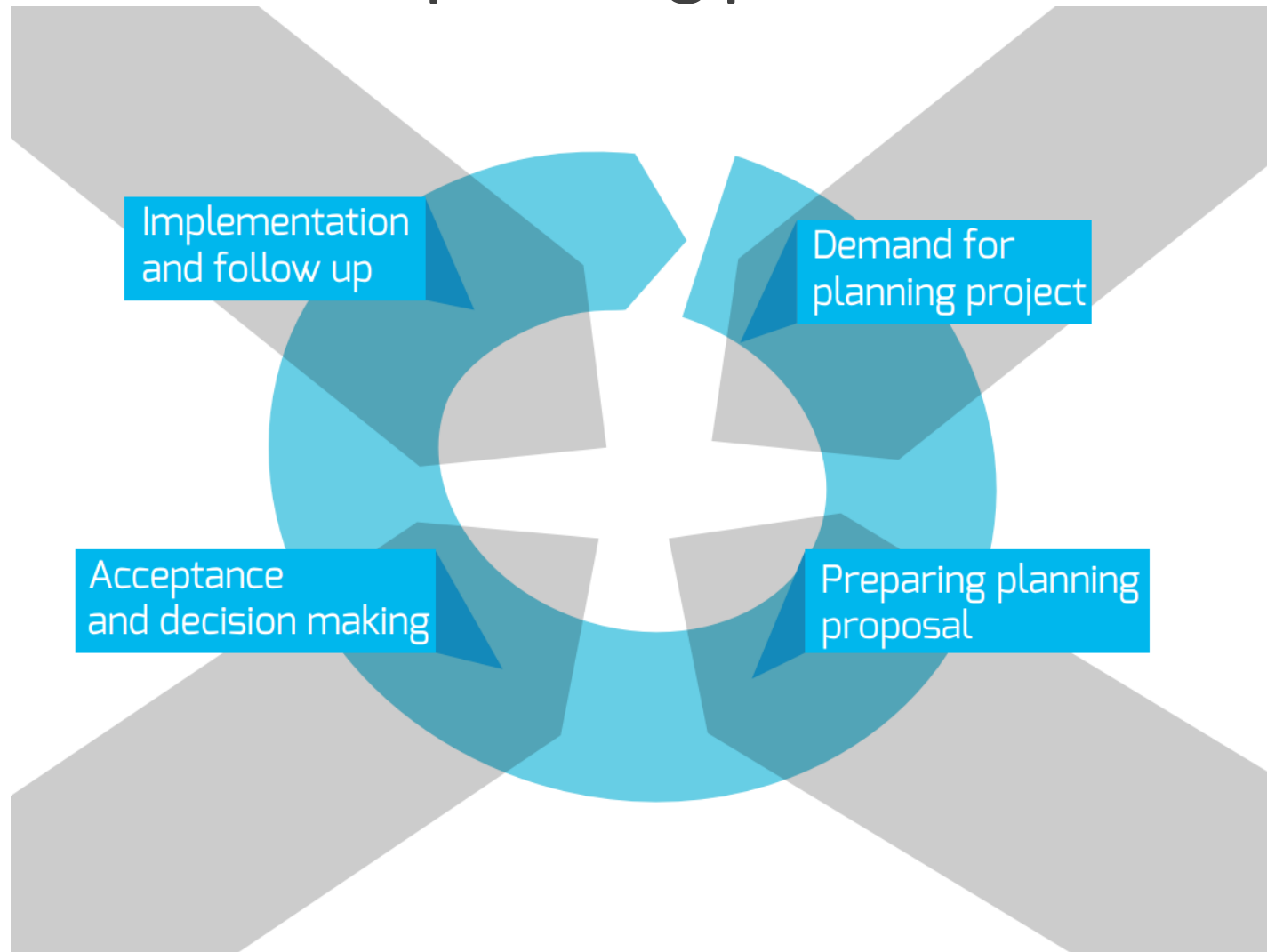
Prof. dr hab. Tomasz Kaczmarek

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Mgr Michał Czepkiewicz

Mgr Michał Wójcicki

Phases of urban planning process



source: Marketta Kyttä, modified

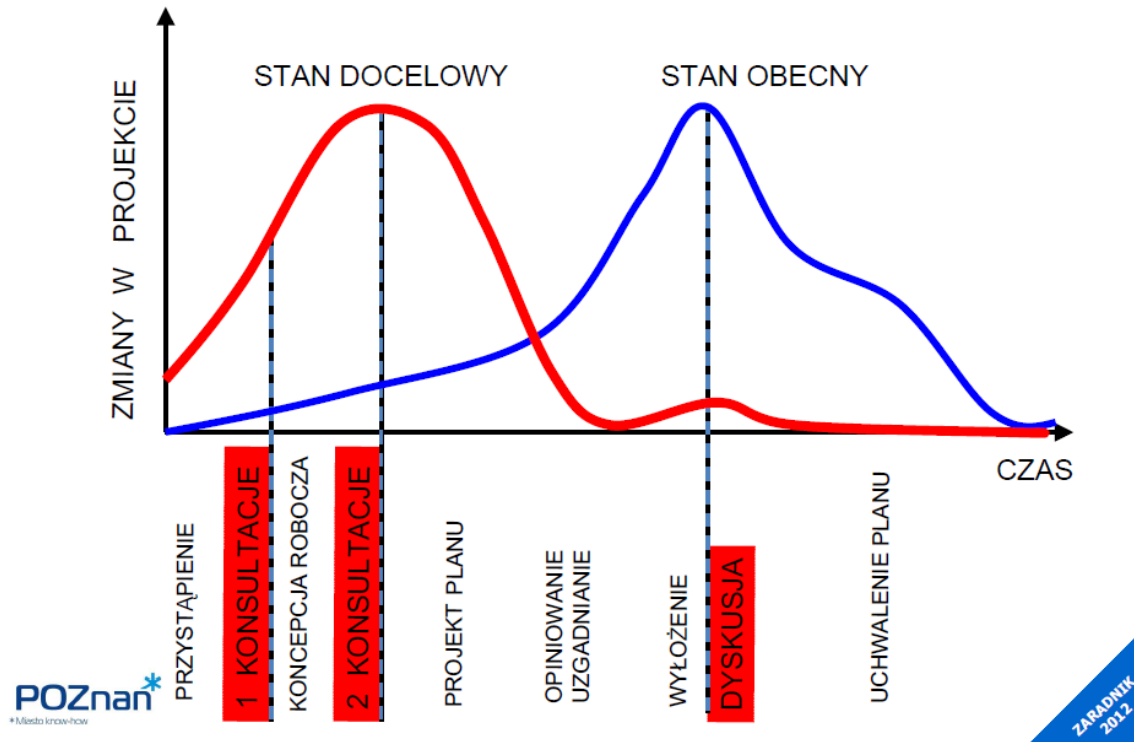
Current process of public participation in planning in Poznań

Public meetings:

- at a certain time
- at a certain place
- limited access to data
- limited time (2h)
- access to urban planners
- face to face conversations

The current process of public participation in planning

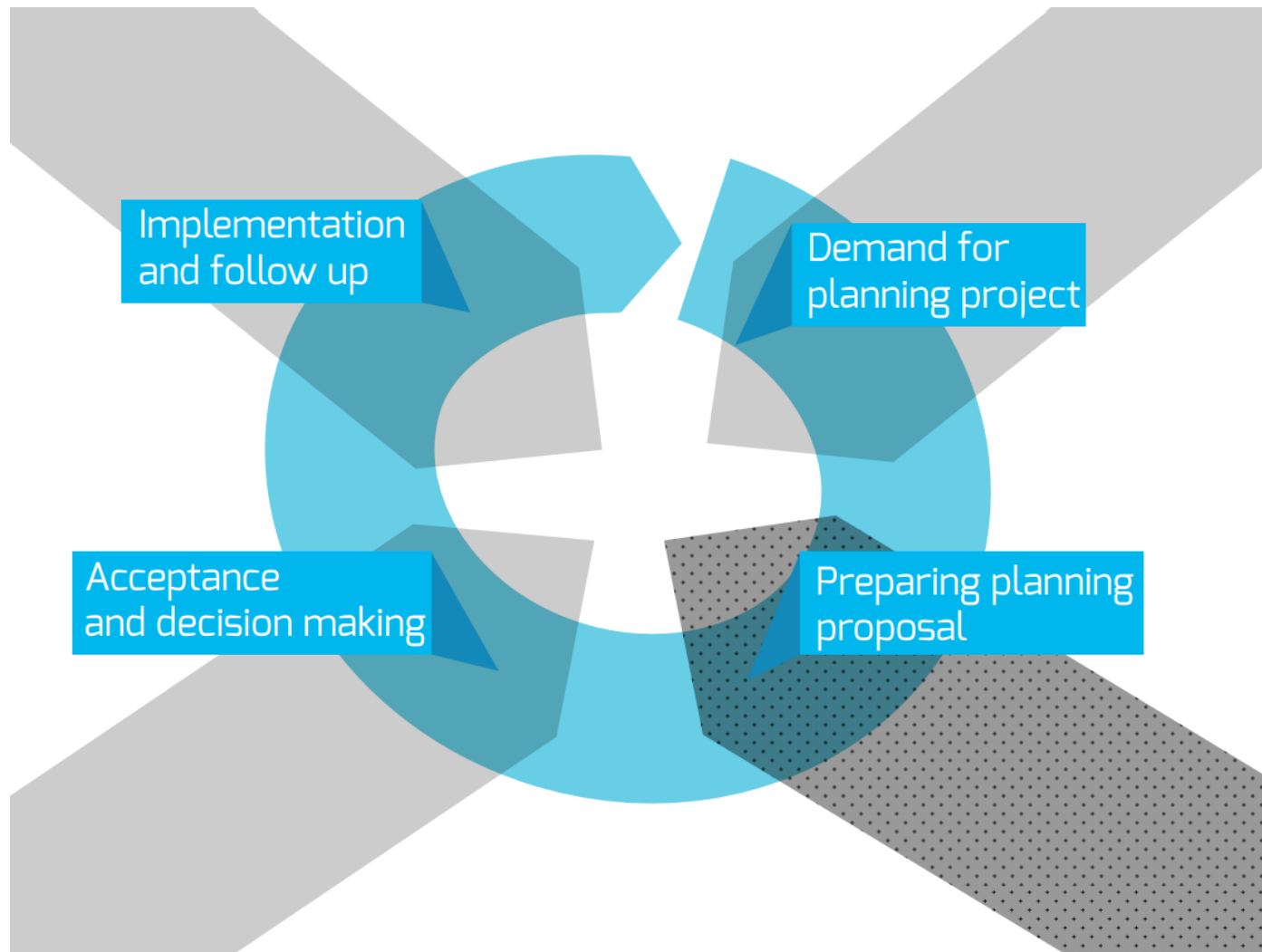
PROCEDURA FORMALNO-PRAWNA
W CZASIE PRAC PLANISTYCZNYCH



source: Zaradnik - Konsultacje społeczne w Poznaniu.

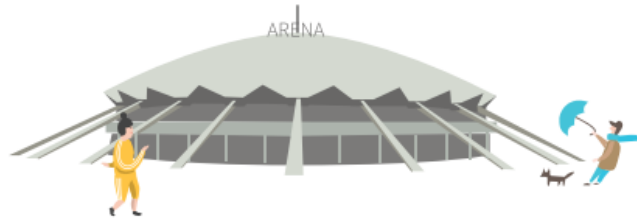
First phase: residents meet with planners early in the process

Phases of urban planning process



source: Marketta Kyttä, modified

Case: Park Kasprowicza



Szanowni Państwo
Zapraszamy do wyrażenia swoich opinii i propozycji na temat
zagospodarowania przestrzennego

okolic Parku Kasprowicza

Prosimy o wypełnienie ankiety znajdującej się na stronie internetowej

www.planujswojemiasto.pl

Wypełnienie ankiety zajmuje około 10 minut.

Badanie jest realizowane przez Wydział Nauk Geograficznych i Geologicznych Uniwersytetu im. Adama Mickiewicza w Poznaniu w porozumieniu z Miejską Pracownią Urbanistyczną w Poznaniu.

Wyniki ankiety stanowiąc będą cenne źródło informacji na temat oczekiwanych zmian zagospodarowania tego obszaru. Państwa opinie i propozycje zostaną wykorzystane w dalszych pracach planistycznych.

Dziękujemy za wypełnienie ankiety,
Zespół badawczy przy Wydziale Nauk Geograficznych i Geologicznych,
UAM w Poznaniu



partnerzy:



- place of residence
- use of area covered by plan
- general preferences towards development and land use changes
- places to be preserved
- proposed changes in land use
- background information
- motivation for participation

Geo-questionnaire



PARK KASPROWICZA

STRONA 3 z 5

ZAGOSPODAROWANIE TERENU - PROPOZYCJE ZMIAN

Proszę zaznaczyć na mapie obszary, które powinny **zmienić** obecne zagospodarowanie terenu. Proszę wskazać sugerowaną funkcję i sposób zagospodarowania terenu.

TEREN ZABUDOWY MIESZKANIOWEJ
JEDNORODZINNEJ



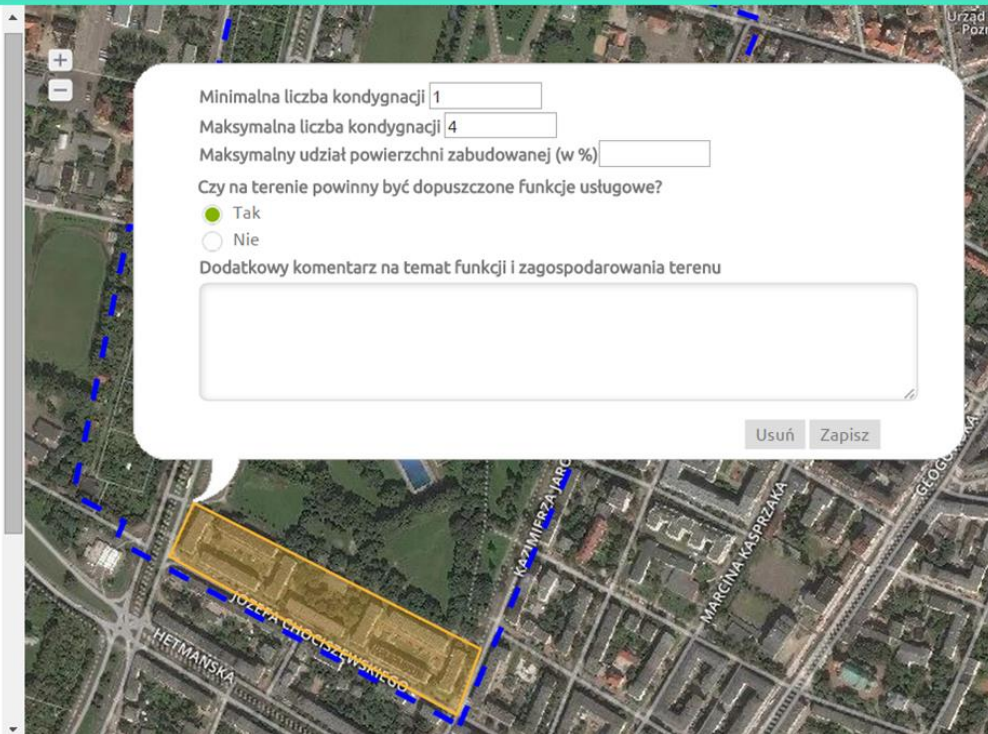
TEREN ZABUDOWY MIESZKANIOWEJ
WIELORODZINNEJ



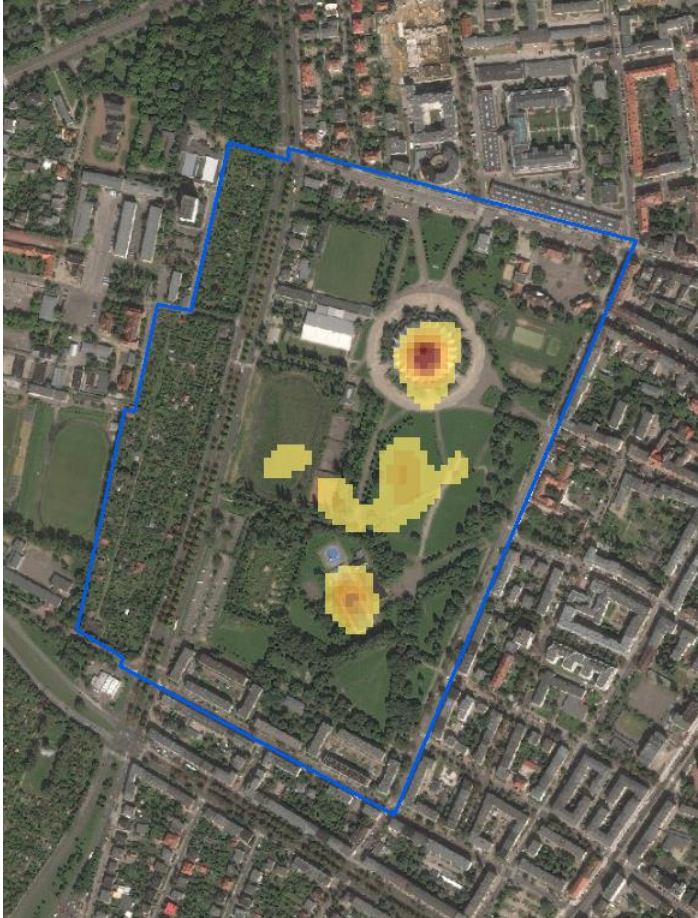
TEREN ZABUDOWY USŁUGOWEJ



TEREN ZABUDOWY PRZEMYSŁOWEJ



Park Kasprowicza: preliminary results



Which places should remain its current function?

Example justifications:

“Arena is an interesting architectural structure and plays an important cultural role”

“There are few outdoor pools in the city and removal of any of them would be too great a loss”

“There is a need for space for walking and recreation, and a playground for children”

“Sport and recreation functions should be restored at the former “Energetyk” stadium”

(results based on first 100 responses)

Park Kasprowicza: preliminary results

On the area covered by the planning project...

...existing green areas should be enlarged

...more sport and recreational facilities
should be created

...allotment gardens should retain
its current usage

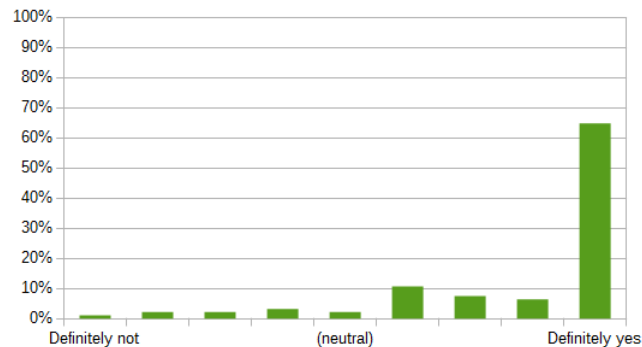
...development of multi-family housing should
be pursued

(results based on first 100 responses)

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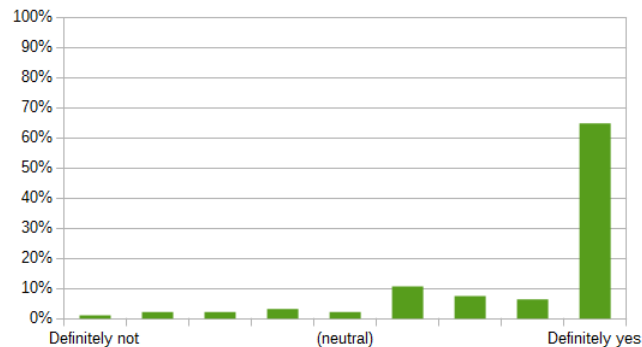
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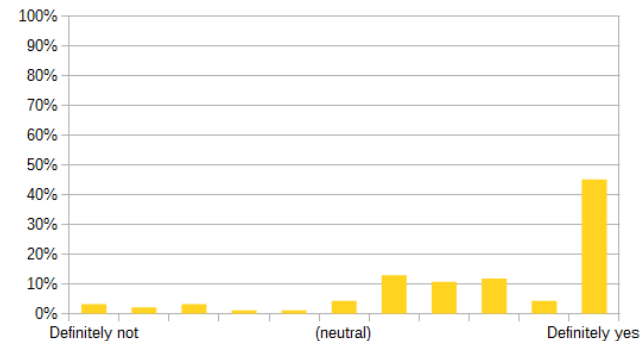
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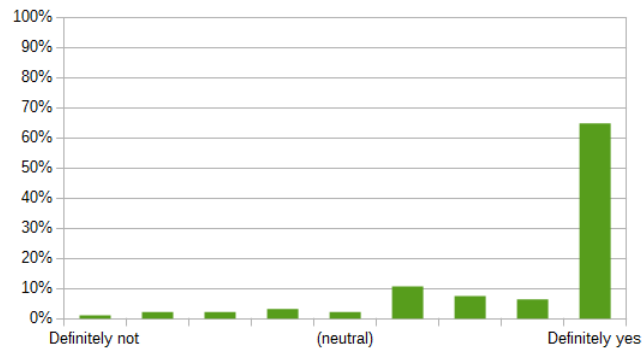
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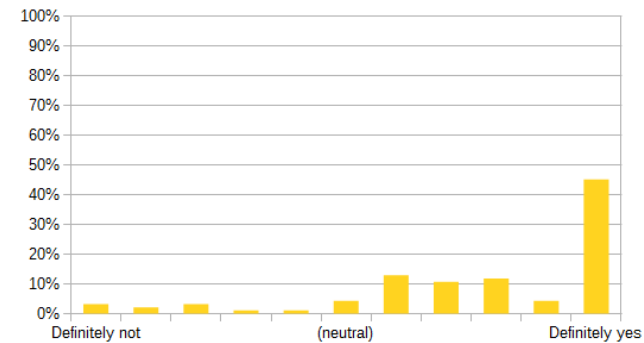
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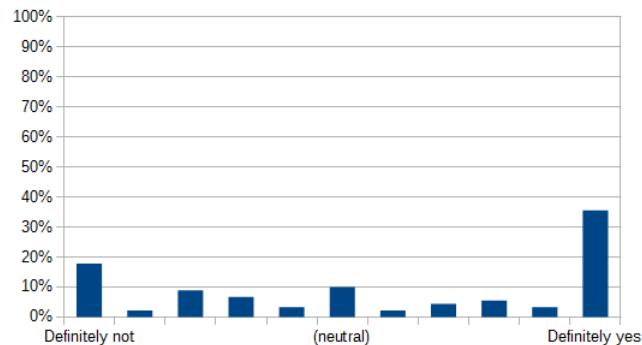
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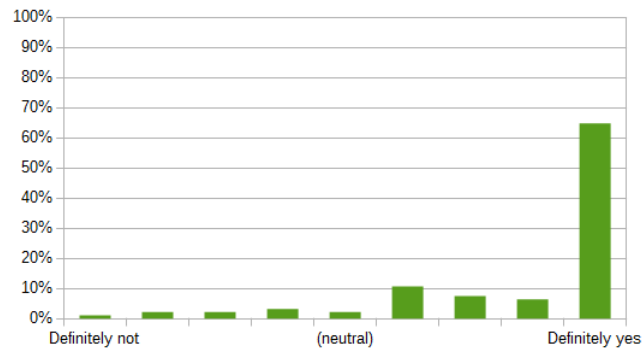
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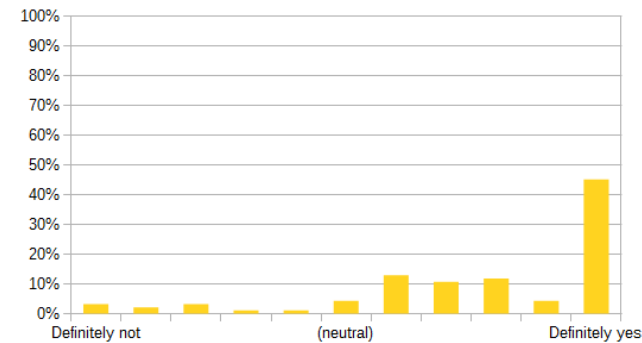
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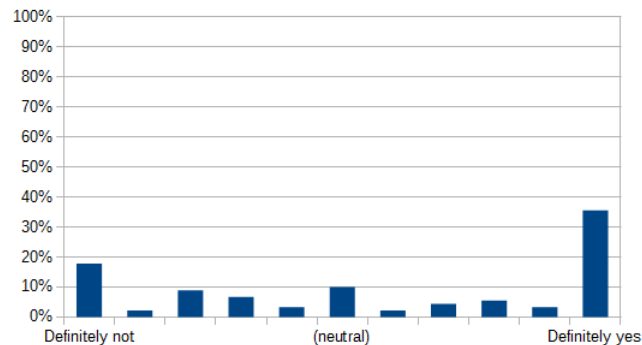
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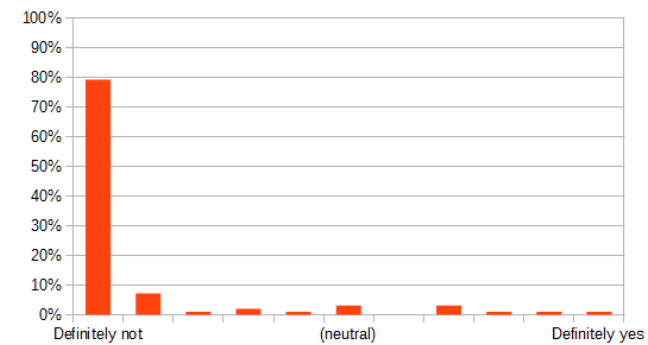
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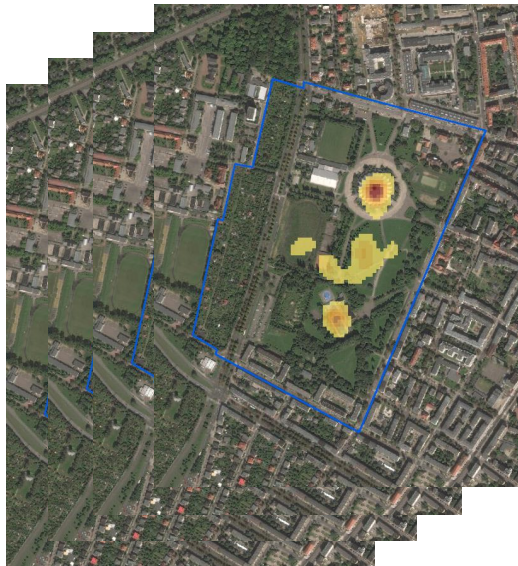
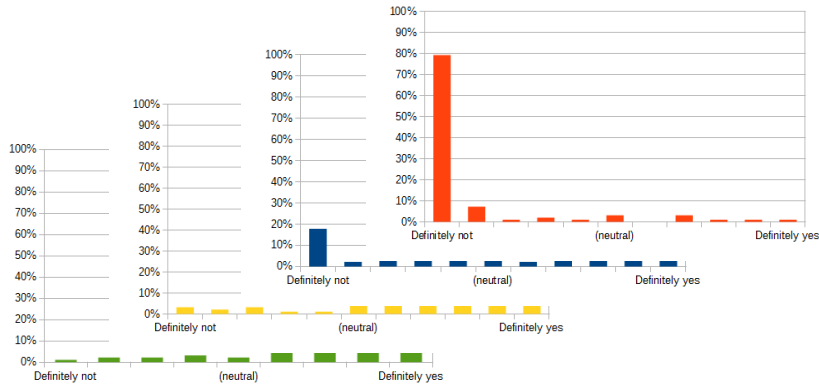


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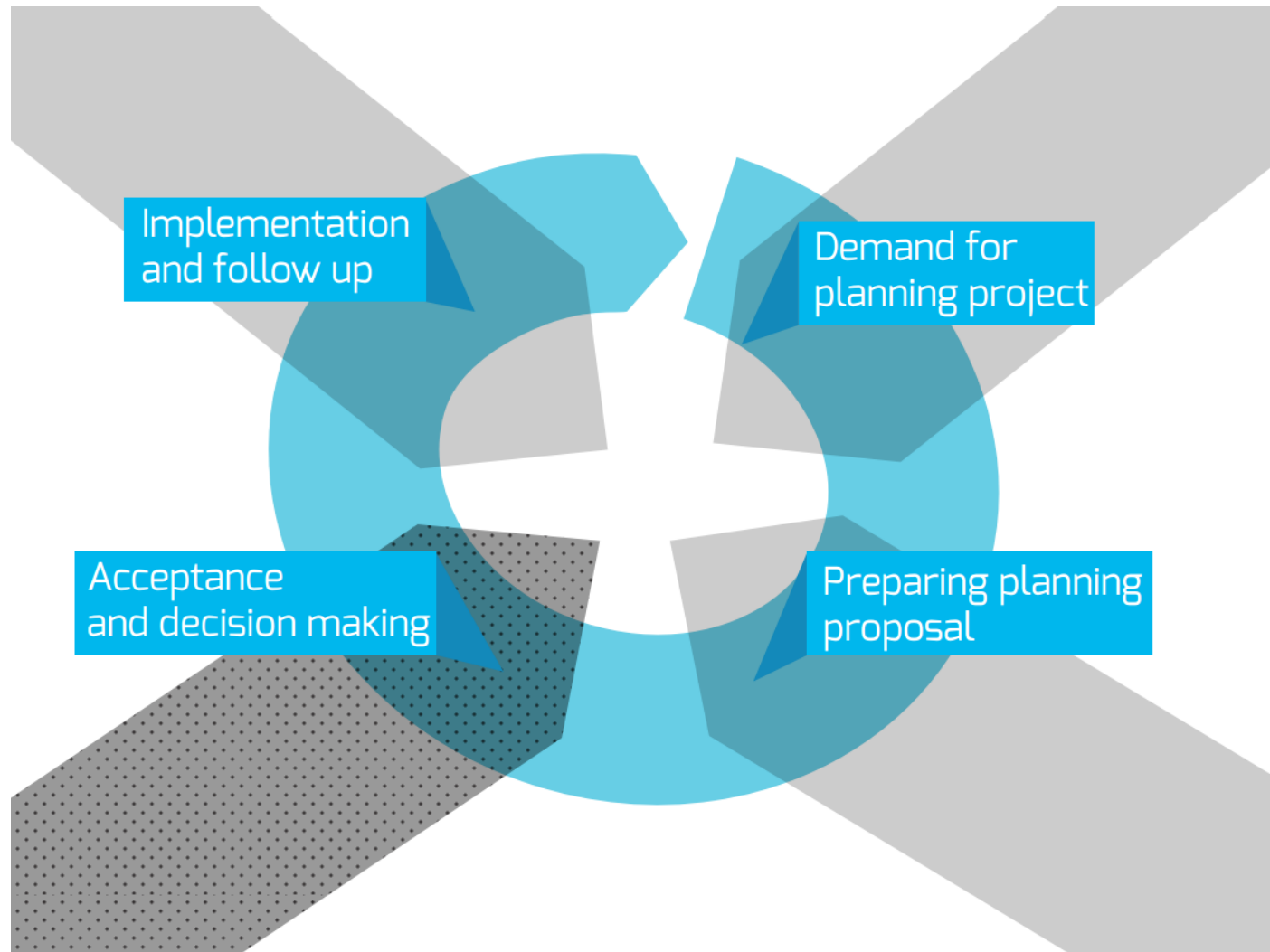


Report for
planners

Summaries for
press

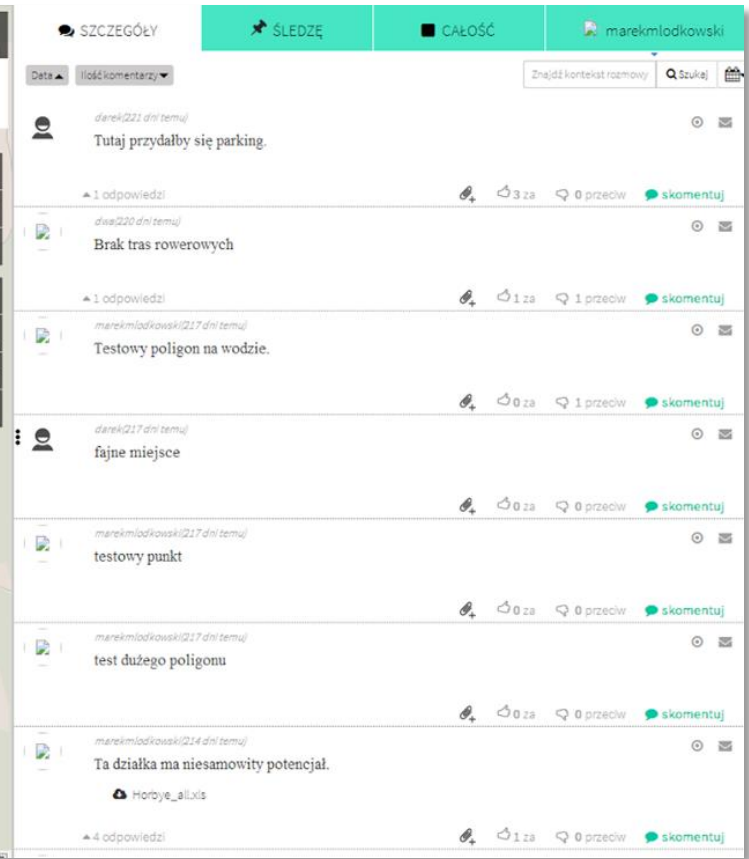
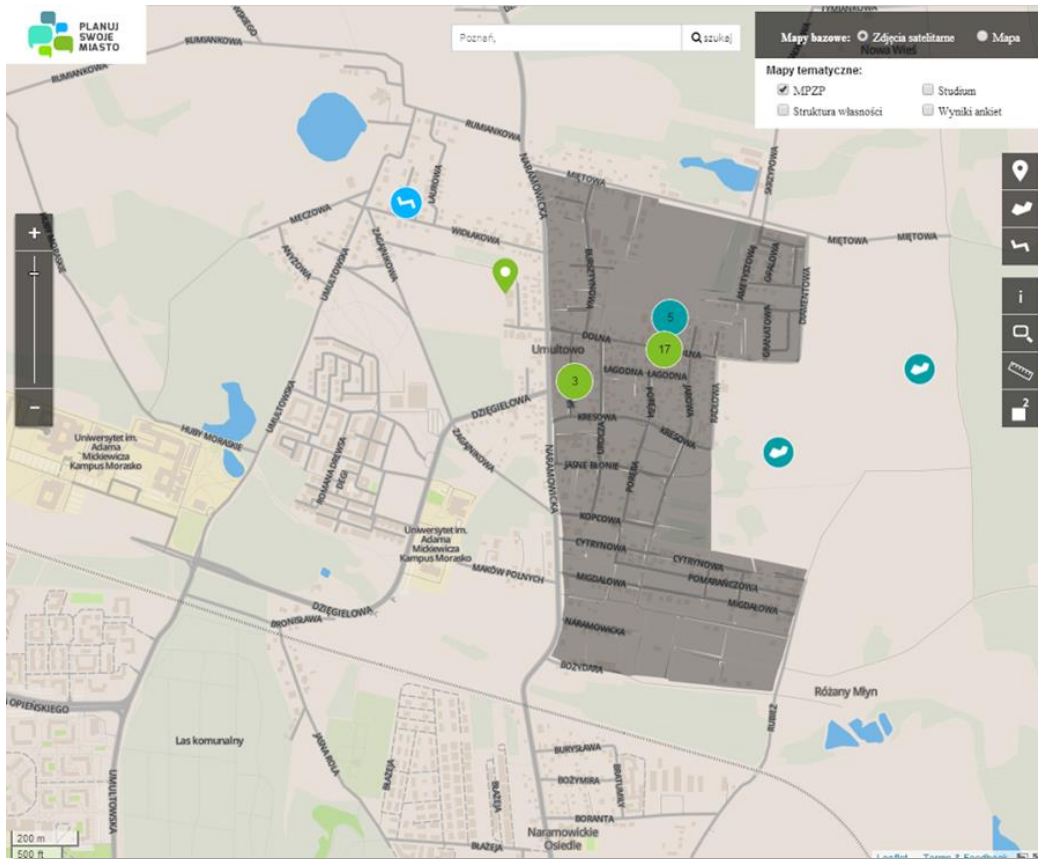
Online
presentation

Phases of urban planning process



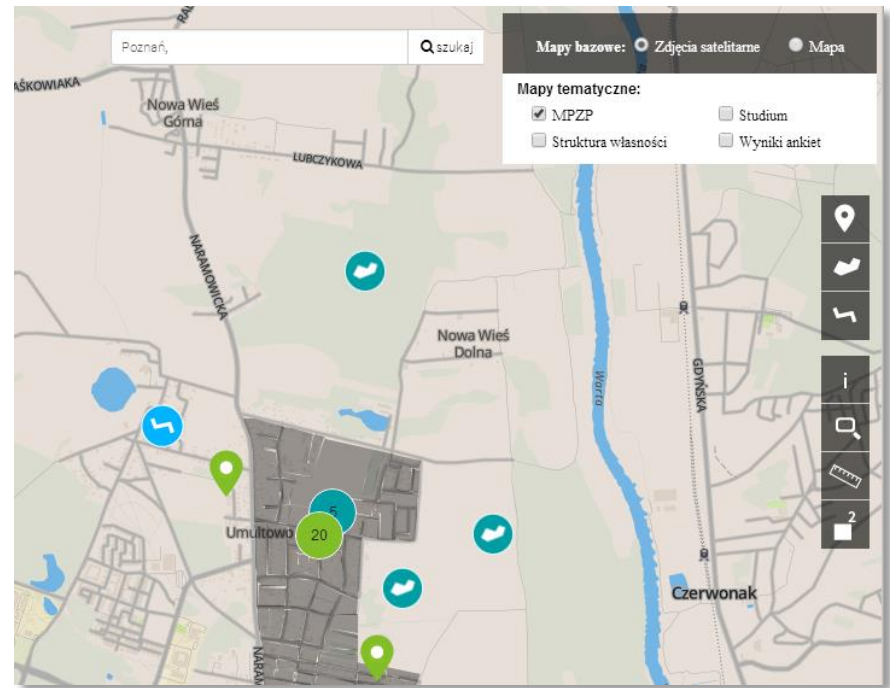
source: Marketta Kyttä, modified

Geo-discussion



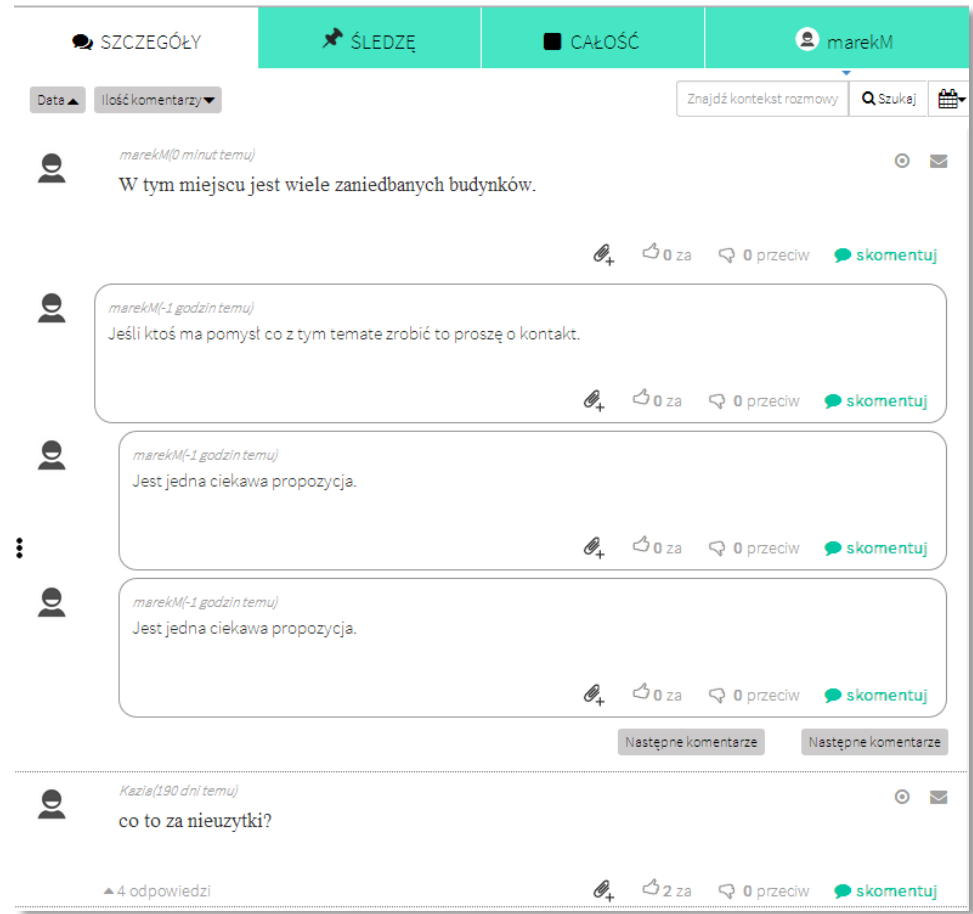
Interactive map

- draw objects on a map and link them with discussion posts
- measure area and distance
- search on a map
- select discussion topic through a map
- change map types
- get information about the objects

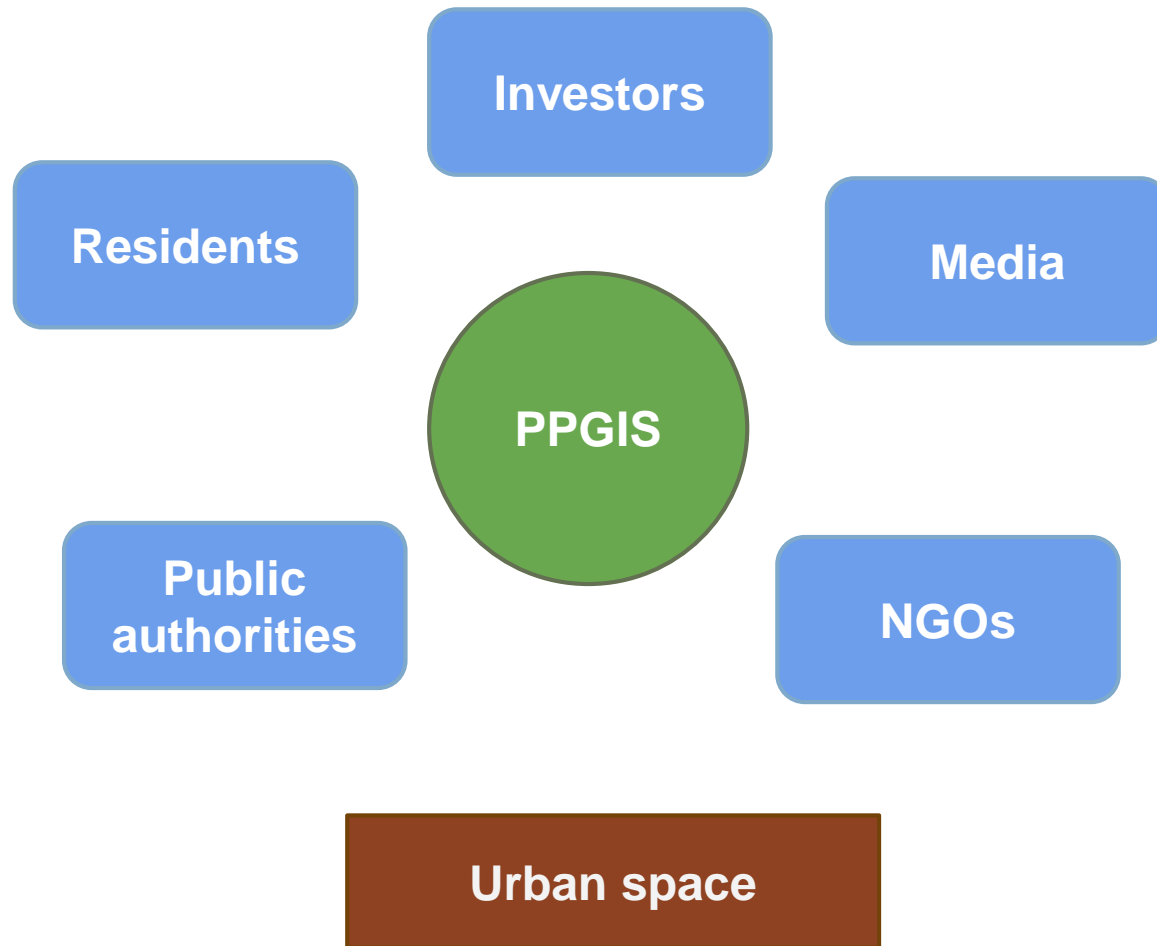


Discussion panel

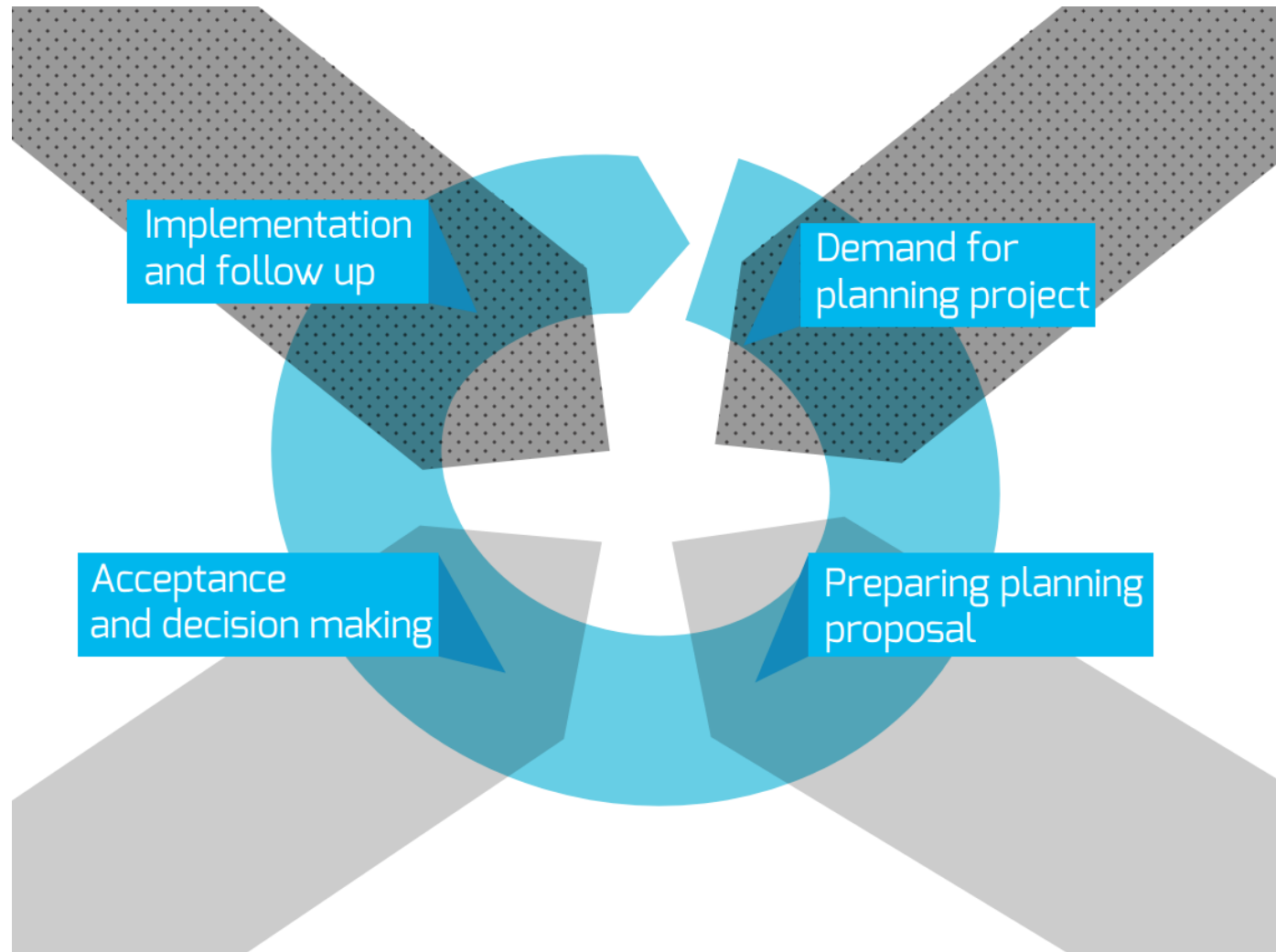
- making comments
- post grading
- filtering
- following topics of discussion
- adding attachments
- text searching
- localising topic on the map



Stakeholders in public participation process



Phases of urban planning process



Geo-questionnaire for ongoing evaluation of quality of environment

Conclusions

- different tools for different planning phases
- first such case in Poland
- integration of field study with a real-world planning process
- online GIS as a complement of traditional form of public participation
- data collection in progress...

Thank you for your attention !

Contact us

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