Merging Social Networks and Participatory GIS for Participatory Planning

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Outline

- Intro - Context - Goals
- What planners want?
- Design considerations
- Proposed architecture
- Challenges
- Discussion
Established Community’s built between 1950 and 1980

What Planners Want?
- Adopted an e-participation perspective (Smyth 2001)
  - Informing citizenry
  - Discussion
  - Ranking
  - Sketching/modifying
  - Evaluating
  - Sharing
What Planners Want?

- Adopted an e-participation perspective (Smyth 2001)
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Conceptual Framework
Physical architecture of the PlanYourPlace system

Technical Implementation
State of the Art

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● Full support; ○ Partial support

Challenges

 signings Development of education content delivery approach for that promotes learning for enjoyment

 signings Development of a user interface that is intuitive and usable for all users

 signings Development of sustainability metrics that are understandable to, and resonate with community members

 signings How should sketching be developed? Drag & drop or freehand?
Conclusions

- Platform development should adhere to the principles of user-centred design
- Social networks possess a lot of the functionality that we believe a participatory planning platform should realize
- Functional requirements for implementation follow that of a Spatial Data Infrastructure
- The need for research focusing on UCD for participatory GIS, sketching, visualization, assessment tools, ...

Thank you

Funding Support

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Questions?