Tools for Citizen Participation

New Partners for Smart Growth
Ken Snyder, Orton Family Foundation
January 28, 2006

Principles: Successful Public Participation

Principle		Benefit
Inclusive	⟹	Ownership
Community driven	⟹	Legitimacy
Transparent	⟹	Trust
Carefully designed	⟹	Accessible, safe and fun
Intuitive and informed	⟹	Realistic outcomes
Lead to implementation	⟹	Affecting present and future decisions

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Decision Support Tools

Information and Communication Tools

Visualization Tools

GIS Modeling and Impact Analysis

Public Process and Civic Engagement

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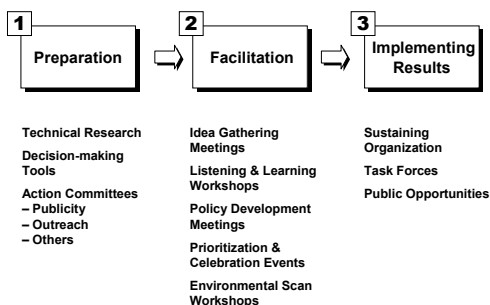## Defining the Public Involvement Effort

Organizing steps are the foundation for establishing legitimacy. . .

- **What are we trying to accomplish?**
- **Who must be involved?**
- **How are we going to accomplish the effort?**
- **Which tools can support our efforts?**
- **What resources are needed?**
- **How will we implement?**

How? The Basic Approach

1 Preparation	**2** Facilitation	**3** Implementing Results
Technical Research	Idea Gathering Meetings	Sustaining Organization
Decision-making Tools	Listening & Learning Workshops	Task Forces
Action Committees – Publicity – Outreach – Others	Policy Development Meetings	Public Opportunities
	Prioritization & Celebration Events	
	Environmental Scan Workshops	

Tools for Citizen Participation

Variety

Box City / Cube

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CAD

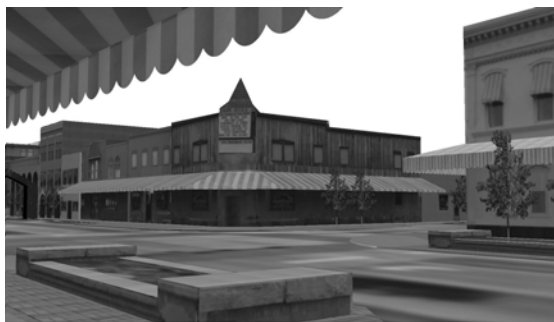e.g. Sketchup
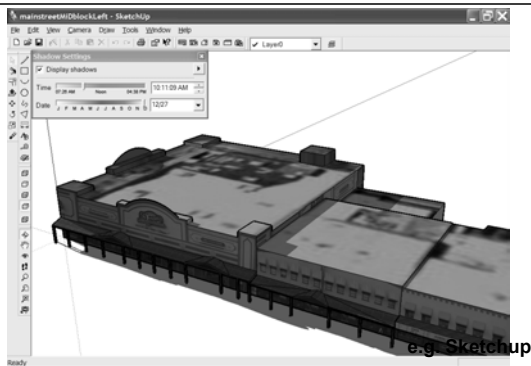
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3D Modeling

e.g. ArcScene

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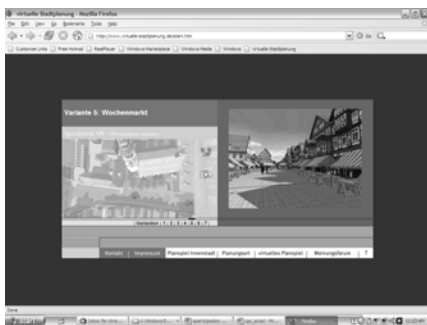
3D Modelling

e.g. ArcScene

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Tools for Citizen Participation

Display

Quicktime Panoramas

Visualization: Online 3D Modelling – VRML / X3D and Quicktime
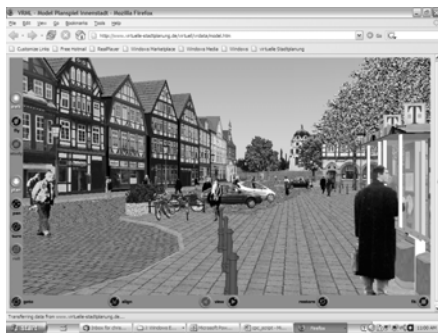

OnLine
LIVE...

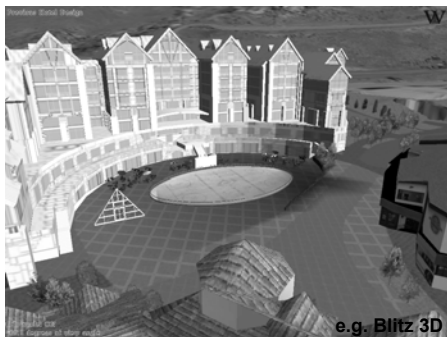eParticipation.com   The Orton Family Foundation/PlaceMatters

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Online 3D Models – VRML / X3D

OnLine
LIVE...

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3D Modelling – Gaming Engines

LIVE...

e.g. Blitz 3D

eParticipation.com

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Level of Detail

Grant Place
at
Webster Lake

eParticipation.com

The Orton Family Foundation/PlaceMatters

Tools for Citizen Participation

Prioritizing Alternatives

eMeetings

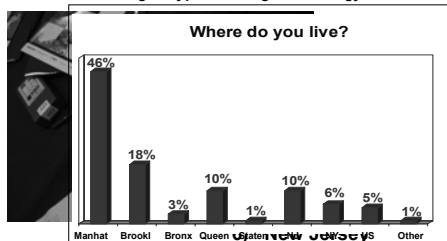OnSite

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eParticipation Tools and Methods

eMeeting: Keypad Polling Technology

Where do you live?

46% 18% 3% 10% 1% 10% 6% 5% 1%
Manhat Brookl Bronx Queen Staten Other
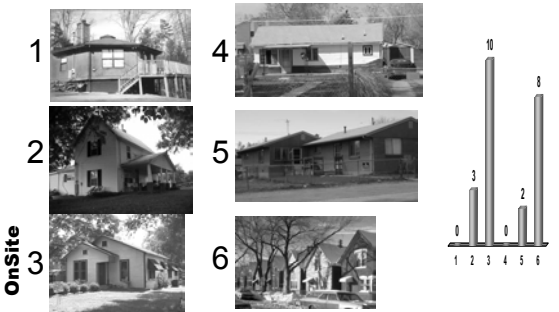
OnSite

7) Somewhere Else in NY State
8) Somewhere Else in US
9) Another Country

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eMeetings – Visual Preference Survey

Which of these images best supports the community character you would like to see?

1   4

2   5
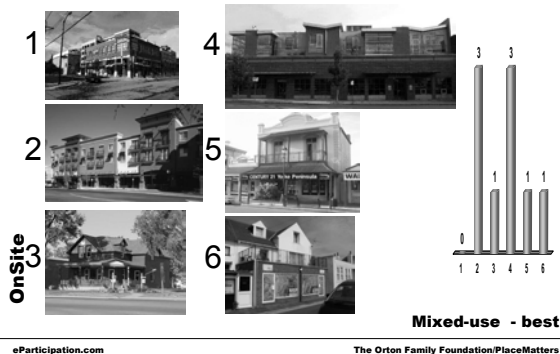
3   6

OnSite

Single-family housing - best

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eMeetings – Visual Preference Survey

Which of these images best supports the community character you would like to see?

1 4
2 5
OnSite 3 6

Mixed-use - best

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Online Visual Preference Survey

OnLine

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Tools for Citizen Participation **Tools**

Collection of Feedback

eMeetings – Introduction to Scenarios

Scenarios Planning Tools

OnSite

"Where do we grow?"

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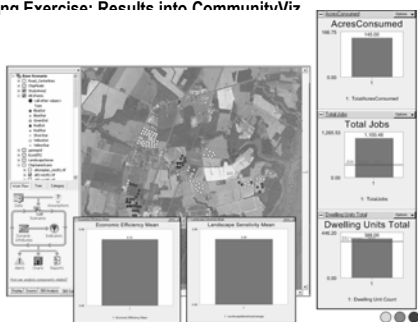## eMeetings – Dot Exercise

OnSite

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eMeetings - CommunityViz

Mapping Exercise: Results into CommunityViz

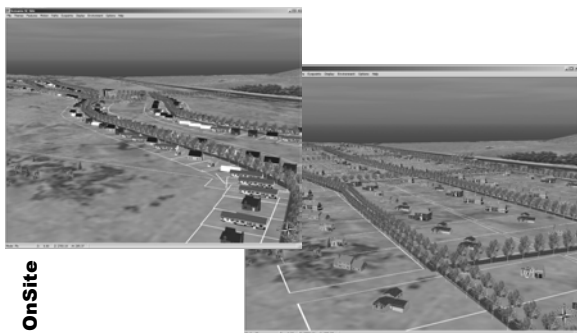OnSite

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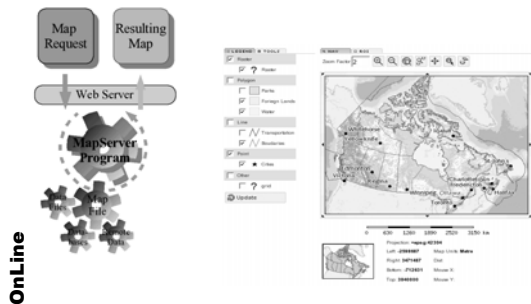## eMeetings – CommunityViz / Sitebuilder

OnSite

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Tools for Citizen Participation

The Spatial Dimension

"Conventional" Webmapping

OnLine

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Interactive Mapping - XML/JavaScript

```
<rss version="2.0"
     xmlns:geo="http://www.w3.org/2003/01/geo/wgs84_pos#">
     <channel>

        <item>
                <title>Taqueria Vallarta</title>
                <description>Get a super veggie burrito</description>
                <geo:lat>36.97425</geo:lat>
                <geo:long>-122.025675</geo:long>
        </item>

     </channel>
</rss>
```
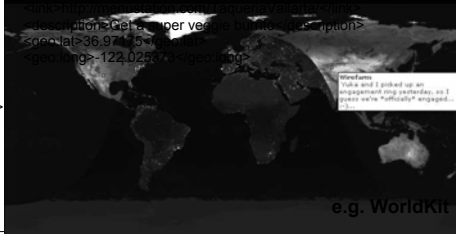
OnLine

e.g. WorldKit

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Google Maps Mashups

OnLine

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Social / Community Mapping
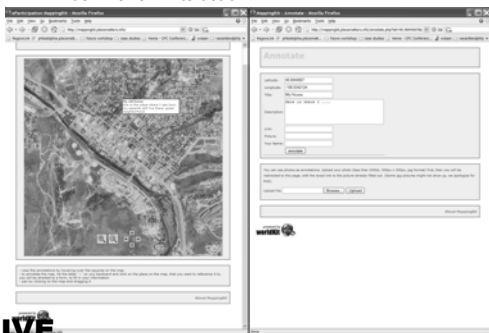
OnLine

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eParticipation Tools and Methods

Flash viewer - interaction

OnLine
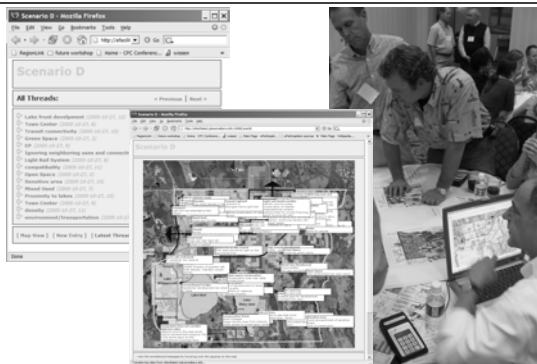
LIVE...

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Tools for Citizen Participation **Tools**

Closing Thoughts

eParticipation Outlook

OnSite + OnLine

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Google Earth – 3D Browser

OnSite + OnLine

LIVE...

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Decision Support Systems that Work!

Visualize
Quantify
Integrate
Create

Have Fun!

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Orton Family Foundation:
www.orton.org

Case Studies:
www.eparticipation.net

eParticipation.com
www.eparticipation.com

Tools for Community Decision Making
www.smartgrowthtools.org

info@placematters.us