

City of Ann Arbor Sustainability Framework



**MICHIGAN GREEN COMMUNITIES
CONFERENCE
OCTOBER 28, 2011**



Project Goals



- **Organize** a framework of goals, targets, and actions to guide city planning
- **Access** sustainability goals through a central location available to the public, council, and staff
- **Institutionalize** sustainability into city planning and future city plans



Framework Timeline



Phase 1:

Collect data
and review
plans

Phase 2:

Organize plan
goals and plan
interaction

Phase 3:

Develop the
framework
and identify
gaps

Phase 4:

Present the
framework

1 Year – January 2011 to January 2012



Action Plan Timeline



Phase 1:

Prioritize goals
from framework

Phase 2:

Draft action plan
to tie-in with
two-year budget

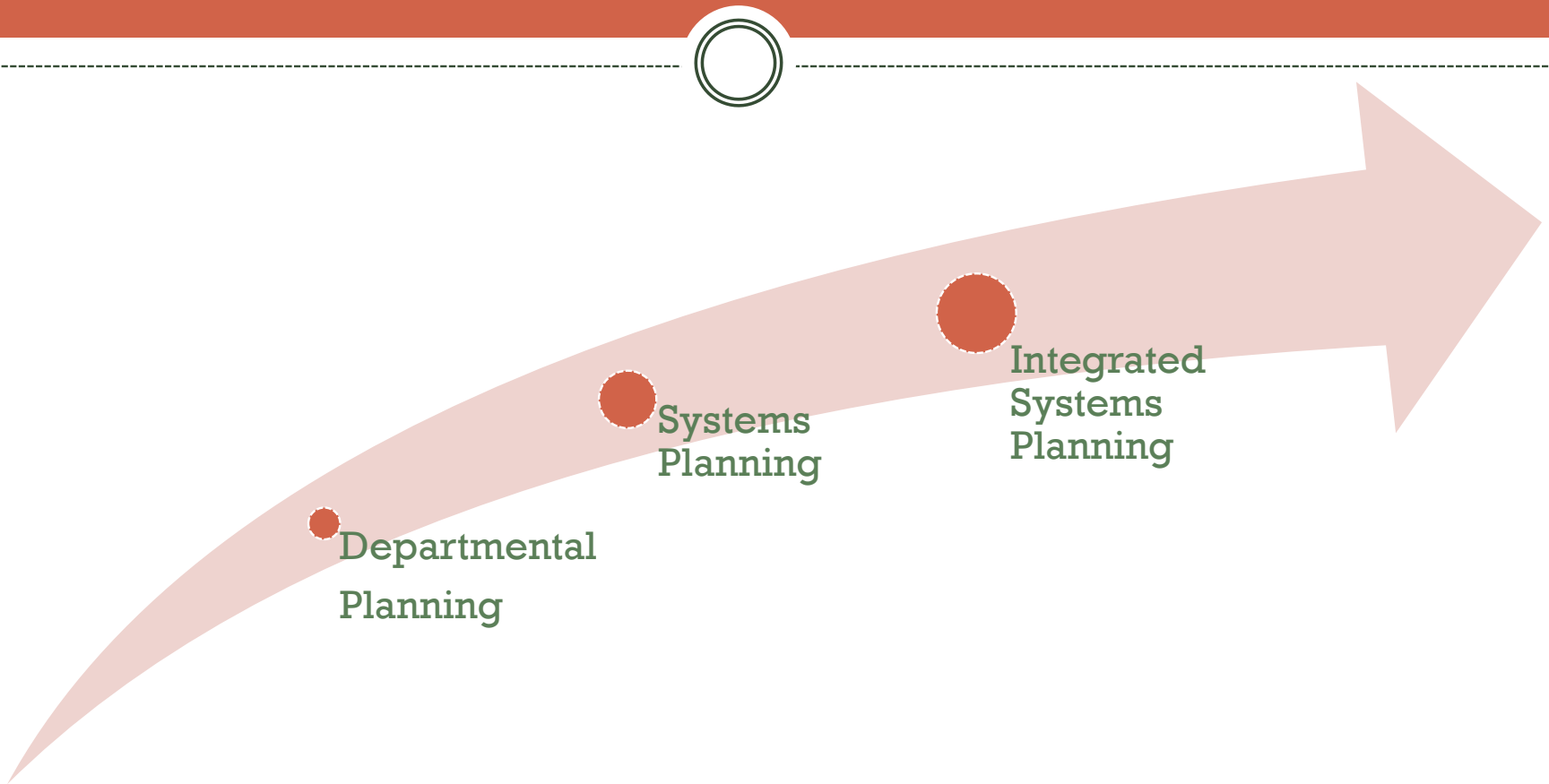
Phase 3:

Establish team to
steer and monitor
progress

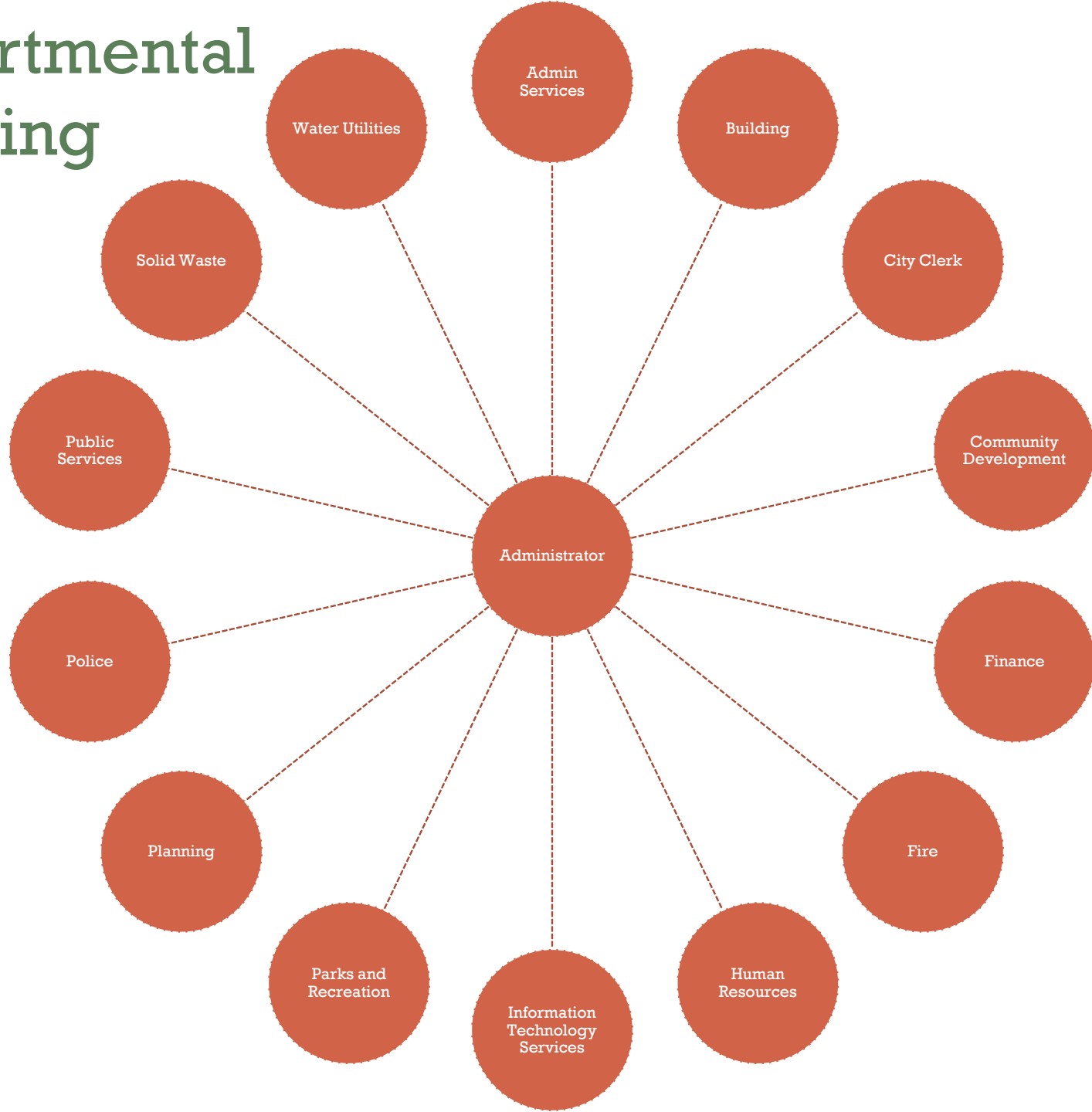
6 Months – January 2012 to July 2012



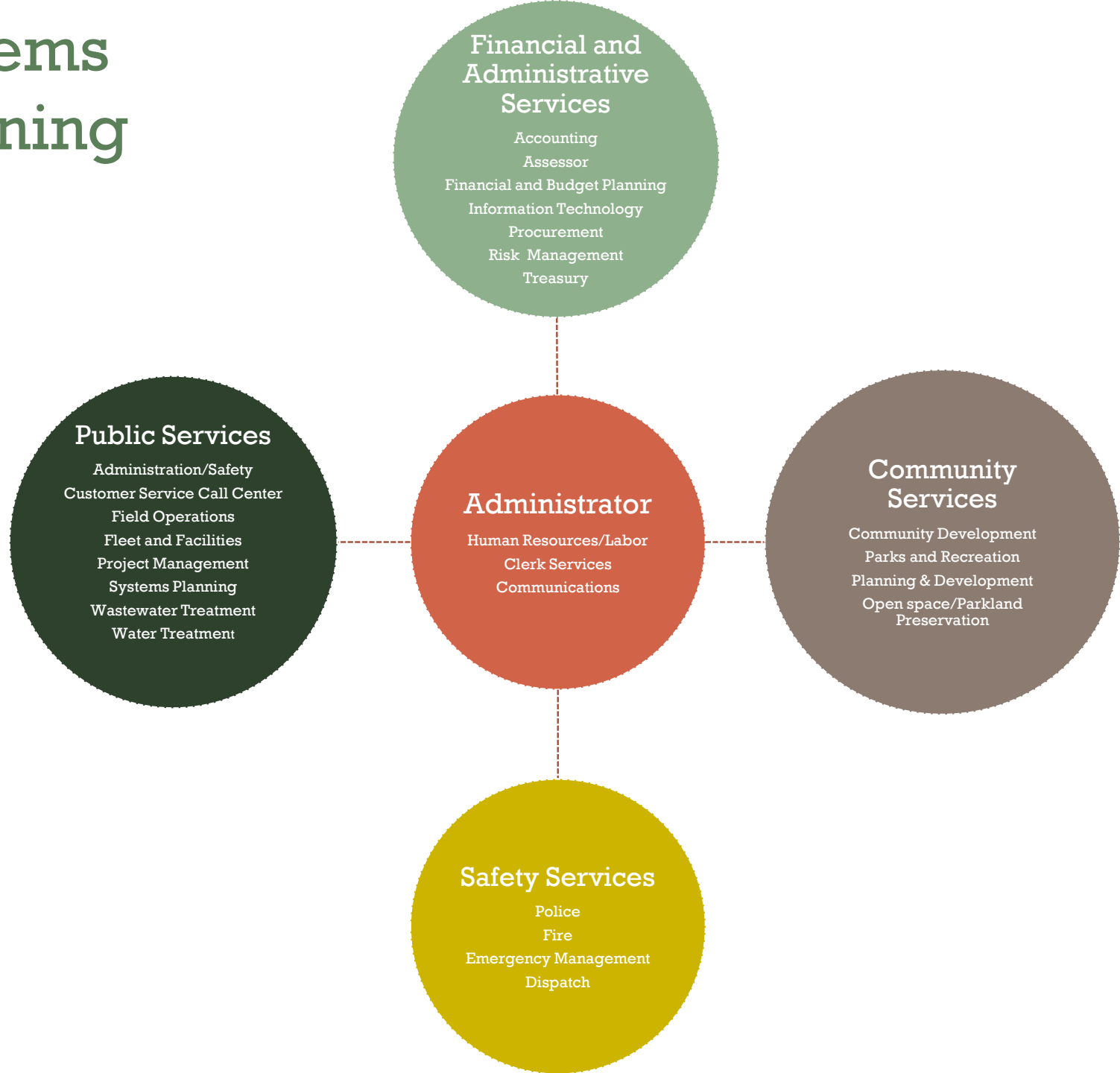
Evolution of Planning



Departmental Planning



Systems Planning



Integrated Systems Planning





City Plans

Challenge:

How to integrate these plans under one overarching framework?

- Urban Forest Management Plan
- Climate Action Plan
- Capital Improvements Plans
- Parks and Recreation Open Space Plan
- Solar Plan
- Washtenaw Urban County Consolidated Plan and Strategy
- Drinking Water Distribution System Master Plan
- Consolidated Master Plan
- Downtown Plan
- Transportation Master Plan Update
- Huron River and Impoundment Management Plan
- Non-motorized Transportation Plan
- Affordable Housing Needs Assessment
- Flood Mitigation Plan
- Water Treatment Facilities and Water Resources Master Plan
- Consolidated Strategy and Plan for Housing and Community Development
- Natural Features Master Plan
- Comprehensive Plan for Washtenaw County
- Millers Creek Watershed Improvement Plan
- Wastewater Treatment Facilities Master Plan
- City Of Ann Arbor Greenhouse Gas Emissions Reduction Strategy
- Stormwater Master Plan
- Solid Waste Plan
- Allen Creek Watershed Management Plan
- Malletts Creek Restoration Plan
- Energy Plan



Where to Start?



- **Ann Arbor's 10 Environmental Goals**
 - Efficient Mobility
 - Health-Promoting Urban Environment
 - Clean Air
 - Clean Water
 - Stable Climate
 - Sustainable Energy
 - Responsible Resource Use
 - Local Food Sufficiency
 - Viable Ecosystems
 - Safe Community



Ann Arbor's 10 Environmental Goals





State of Our Environment

Responsible Resource Use

- Solid Waste per Capita
- Percentage of Waste Diverted
- Total Tons Landfilled
- Total Tons Recycled
- Total Tons Composted

Select Environmental Goal ▾

Select an Indicator Topic ▾

government

Select Service Unit ▾

services

Select Online Service ▾

Responsible Resource Use

Primary Objective: Produce zero waste

Our resources will be used more responsibly when little or nothing is wasted. More energy efficient homes and businesses save energy, support local contractors, and keep more dollars in the local economy. Recycling is assumed for all goods. Part of the local economy is based on using these recycling streams in new value-added products.

Responsible Resource Use Indicators



[Total Waste per Capita](#)



[Percentage of Waste Diverted](#)



[Total Tons Landfilled](#)



[Total Tons Recycled](#)



[Total Tons Composted](#)

Key

Where are we now?

	
Good	Fair
	
Poor	Not assessed

Where are we going?

	
Getting Better	Stable
	
Getting Worse	Unknown

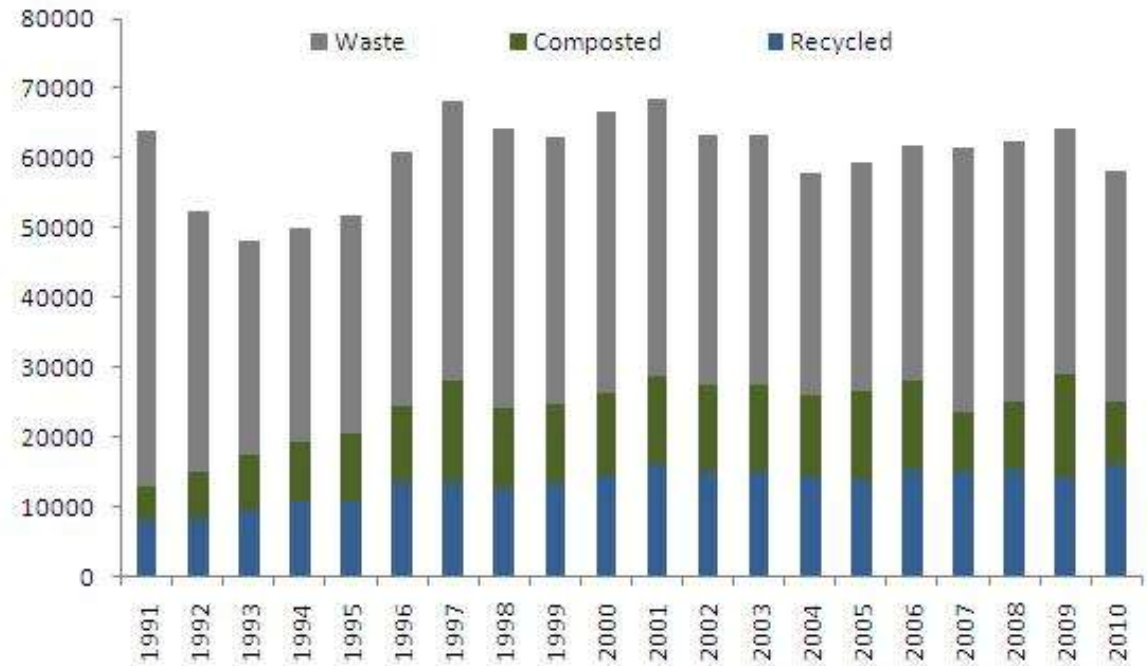










Ann Arbor's 10 Environmental Goals

- Efficient Mobility
- Health-Promoting Urban Environment
- Responsible Resource Use
- Local Food Sufficiency
- Clean Water
- Clean Air
- Sustainable Energy
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- Safe Community

Goal: Responsible Resource Use
 Indicator: Percentage of Waste Diverted

Trend: 



Key							
Where are we now?				Where are we going?			
Good	Fair	Poor	Not assessed	Getting Better	Stable	Getting Worse	Unknown
							



Project Organization



Current Organization

Goal – Produce Zero Waste



Indicator(s) – Annual Waste Diversion

Proposed Organization

Goal – Produce Zero Waste



Target - 60% waste diversion by 2015



Action – Start single-stream recycling program



Indicator(s) – Annual Waste Diversion

Reorganizing of City Plans



- **Four Planning Areas**
 - Climate and Energy
 - Community
 - Land Use and Access
 - Resource Management



Project Status



- Interviewed over 25 city staff members
- Compiled one-page summaries of each plan
- Formed internal staff working group
- Post regular blog updates on the Sustainable Cities Institute website





Joint Commission Meeting

Stats

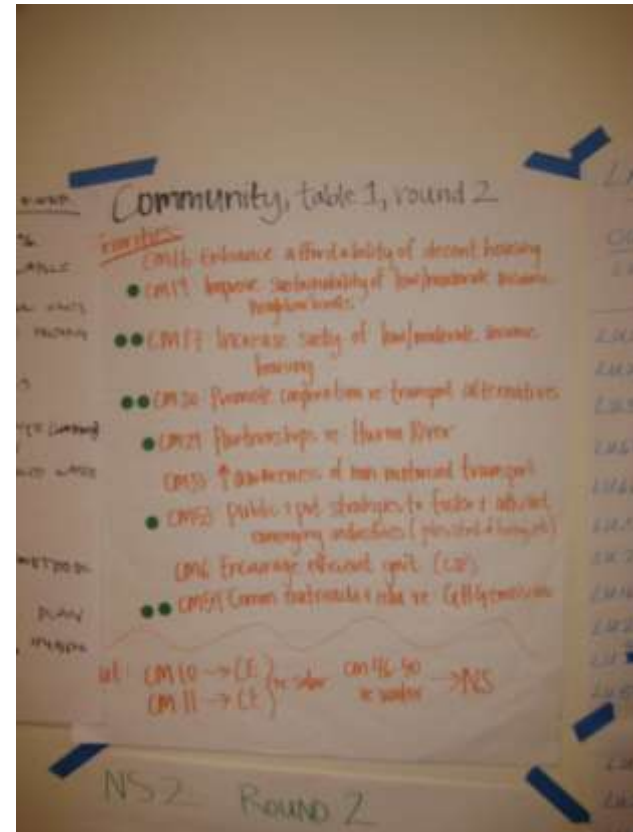
- 226 goals
- 26 city plans
- 26 commissioners
- 16 breakouts
- 4 commissions
- 4 planning areas
- 3 hours



Next Steps



- Host lecture series
- Create sustainability committee
- Review 226 goals and consolidate goals
- Extract overarching goals
- Identify goals, targets, and actions



Contact Information



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Ann Arbor's Environmental Indicators:
www.a2gov.org/soe

Sustainability Framework Blog:
http://www.sustainablecitiesinstitute.org/forum/sustainability_planning_processes/topic/bef0a8f3-9764-4207-ac67-d51abcc7ceb4

