

District of Columbia
Office of Planning



ANC 3F Neighborhood Sustainability Indicators Pilot Project

Indicators Workshop

March 2, 2010



Workshop Agenda

Open House – Community Notebook Boards	30 minutes
Recap and Summary of Voting Results	10 minutes
What are Indicators	10 minutes
Task for Today	2 minutes
Breakout into Groups	45 minutes
Group Reporting	15 minutes
Summary of Today's Meeting and Next Steps	10 minutes



Sustainability Goals & Actions Summary of Voting Results



Recap of Previous Meetings



GREENER TRANSPORTATION

- More Mass Transit use
- Better Bicycle Route Network
- Expanded DC SmartBike Program
- Expanded Car Share Programs
- More Car Pooling
- More Hybrid and Electric Car Ownership
- Greener Highways and Great Streets
- Better and More Water-based Transportation

GREENER ENERGY

- Expanded Energy Efficiency Programs
- More Renewable Energy
- Innovative Financing for Energy Retrofits

GREENER ENVIRONMENT

- More Open and Green Spaces
- Increased Tree Canopy Cover
- Improved Water Quality in Rivers & Streams
- Increased Quality of Habitat and Diversity of Urban Wildlife

GREENER (Sustainable) DEVELOPMENT

- Low Impact Development (LID)
- Transit Oriented Development
- Greener Zoning Policy
- Affordable Housing
- Greener Utility Infrastructure
- More Green Roofs
- More LEED Certified Buildings

GREENER ECONOMY

- Green Collar Jobs Initiative
- More Green Businesses

GREENER SOCIAL CAPITAL

- Increased Citizen Awareness on Environment
- Integrated School Education Programs

CLIMATE CHANGE

- Reduce Carbon Footprint
- Increased Community Resilience

WASTES & HAZARDS

- Increased Recycling
- Reduced Hazardous Waste Generation



ANC 3F Goals & Actions

The sustainability Vision was translated into 10 Goals for the community divided into 5 categories

The community then identified almost 100 actions related to the various goals

They then voted on priority actions that they wanted to be involved in

Category: Green Energy

Goal 1a: Increase Energy Conservation

Votes	Example Actions
2	Create energy audit/weatherization drives in the community
2	Perform energy audits in homes and businesses
0	Organize/Enroll in 'Energy Diet' programs/challenges
5	Install green or cool roofs + identify potential
0	Plant trees with DDOE/River Smart Home tree applications
2	Encourage programmable thermostats
0	Support building control systems
2	Encourage local institutions/residents to turn off non-essential lights

NSIPP DC Neighborhood Sustainability Indicators Pilot Project

HOME ABOUT THE PROJECT GET INVOLVED SUCCESS STORIES SUSTAINABILITY INDICATORS MEDIA RESOURCES

Top Actions – Voting Results

During the first half of February, we sought your input to make ANC 3F a more sustainable neighborhood. Users voted on a list of over 100 possible actions that will help to improve our community. Below, you can see the results of the voting.

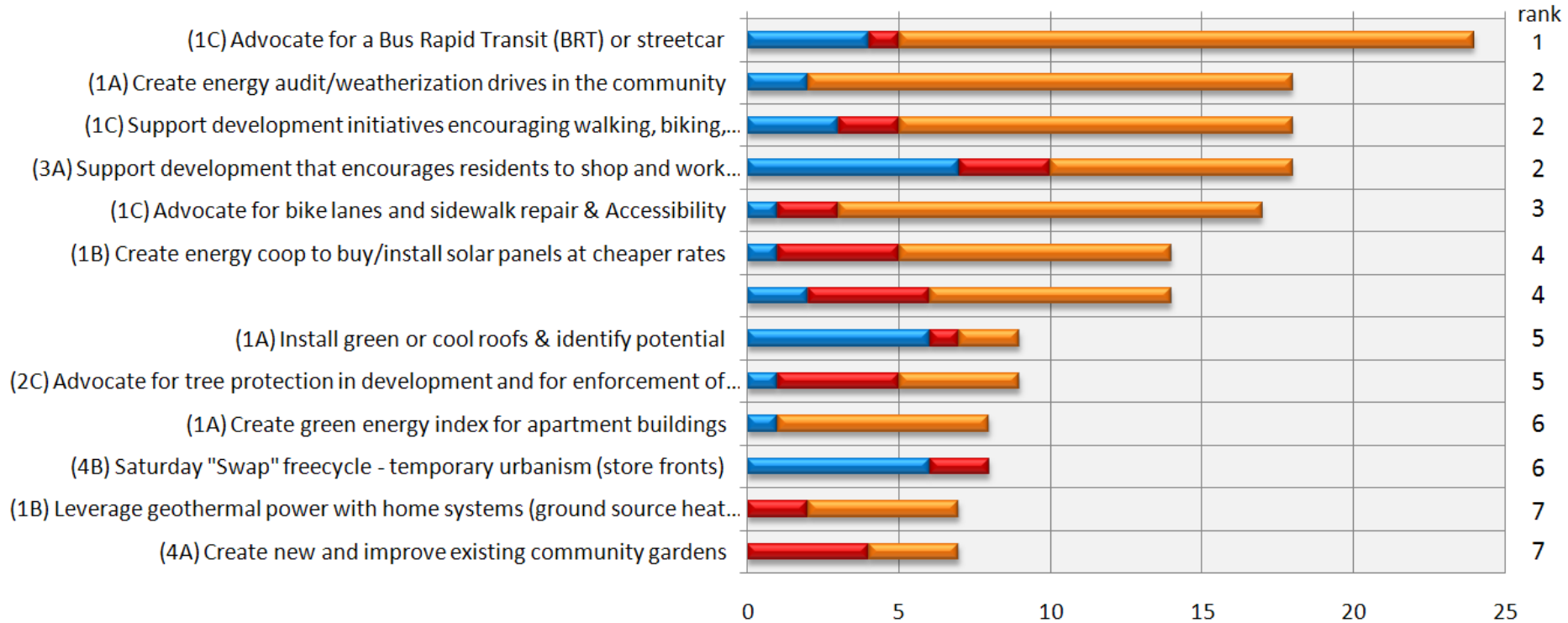
Goal 1 – Green Energy

Goal 1A – Increase Energy Conservation

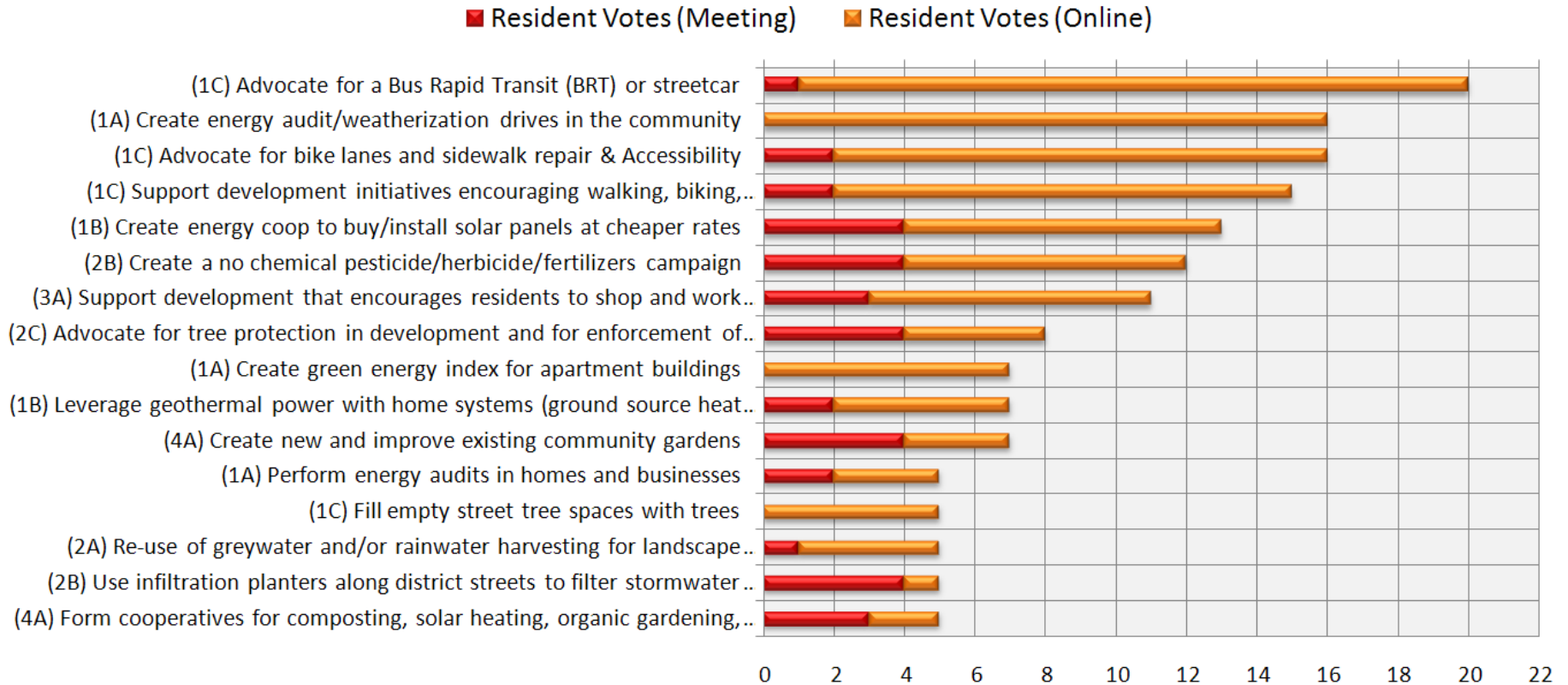
Available Actions	Resident Votes	Non-Resident Votes	Total Votes
Users were given five votes to distribute as they wish			
Install green or cool roofs & identify potential	1	6	7
Create green energy index for apartment buildings	5	1	6
Encourage programmable thermostats	5	0	5
Create energy audit/weatherization drives in the community	2	2	4
Encourage local institutions/residents to turn off non-essential lights	2	0	2
Perform energy audits in homes and businesses	2	0	2
Install smart meters	1	0	1
Influence new building plans by advocating for green roofs, etc.	1	0	1
Organize/Enroll in "Energy Diet" programs/challenges	0	0	0
Partner with High School and College students to do energy audits	0	0	0
Plant trees with DDOE/River Smart Home tree applications	0	0	0
Pool resources to buy meters to track energy use	0	0	0

Top Votes on Major Actions

■ Non-Resident Votes
 ■ Resident Votes (Meeting)
 ■ Resident Votes (Online)

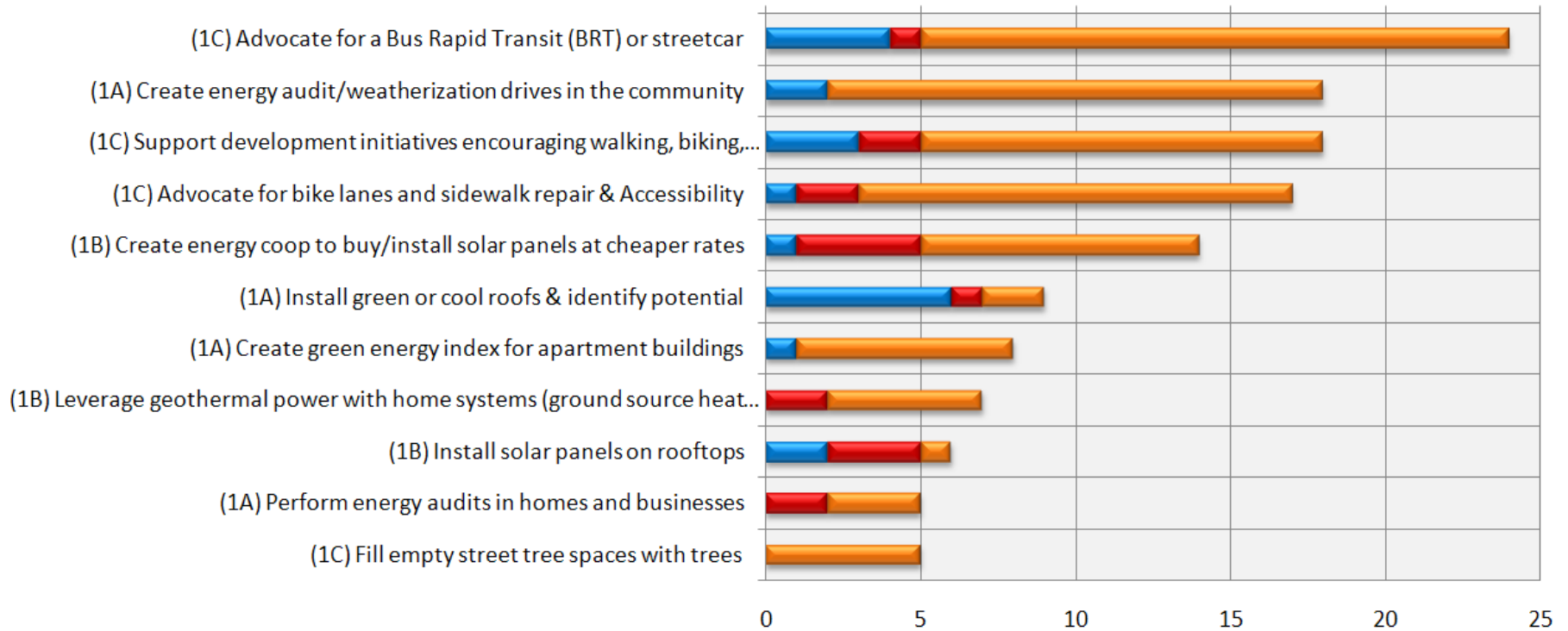


Top Votes on Major Actions by Residents



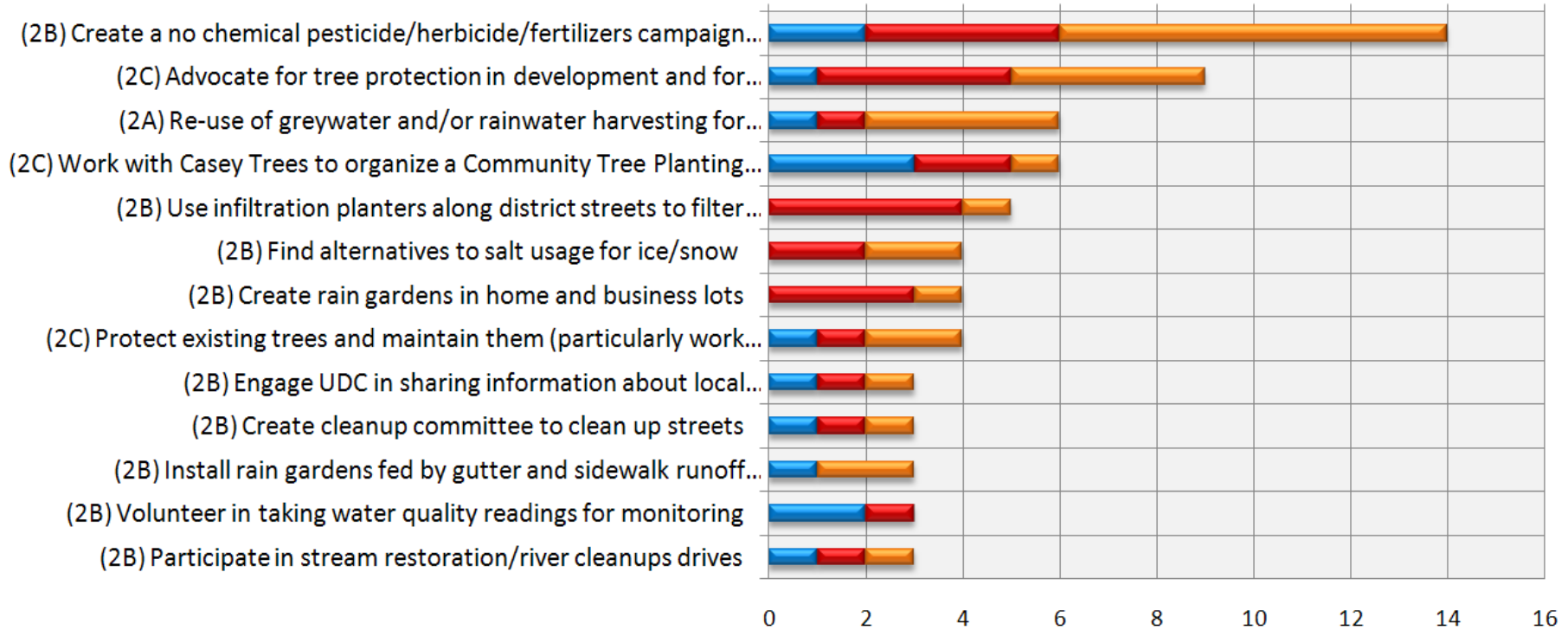
Top Votes on Green Energy Actions

■ Non-Resident Votes ■ Resident Votes (Meeting) ■ Resident Votes (Online)



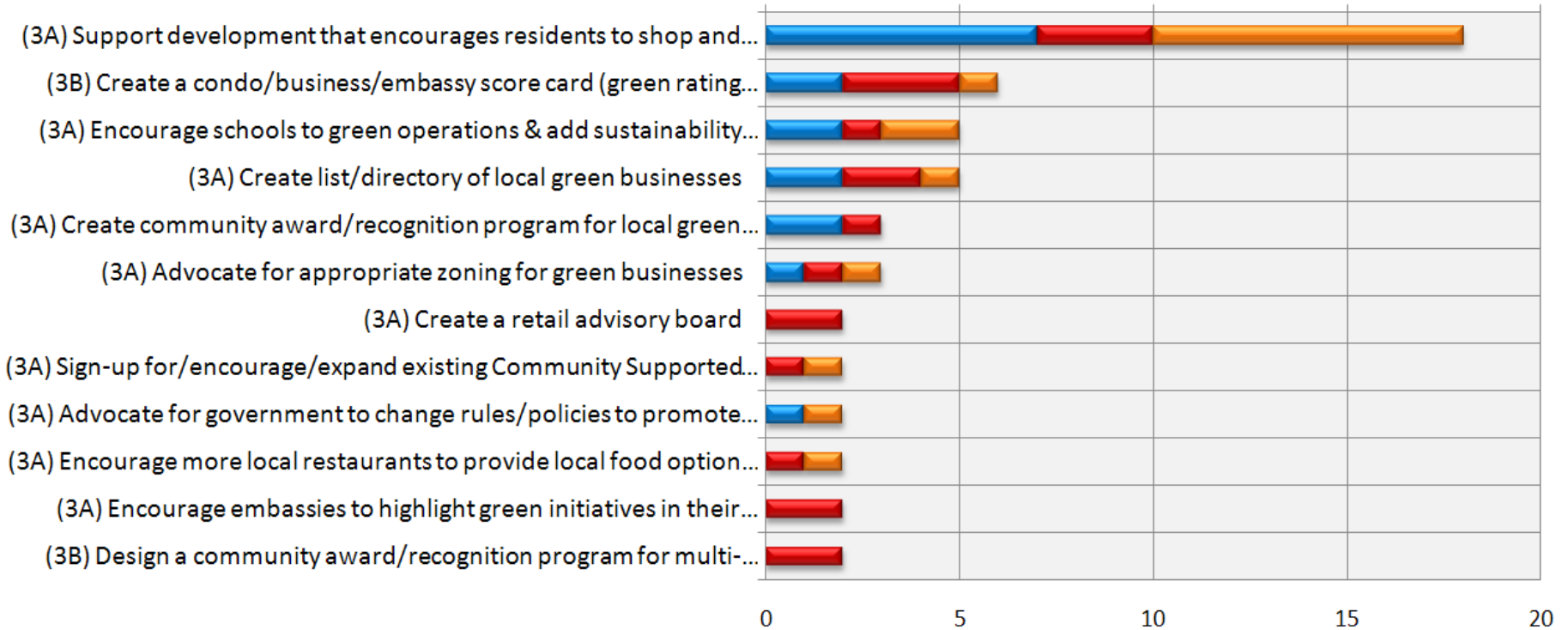
Top Votes on Green Environment Actions

■ Non-Resident Votes
 ■ Resident Votes (Meeting)
 ■ Resident Votes (Online)



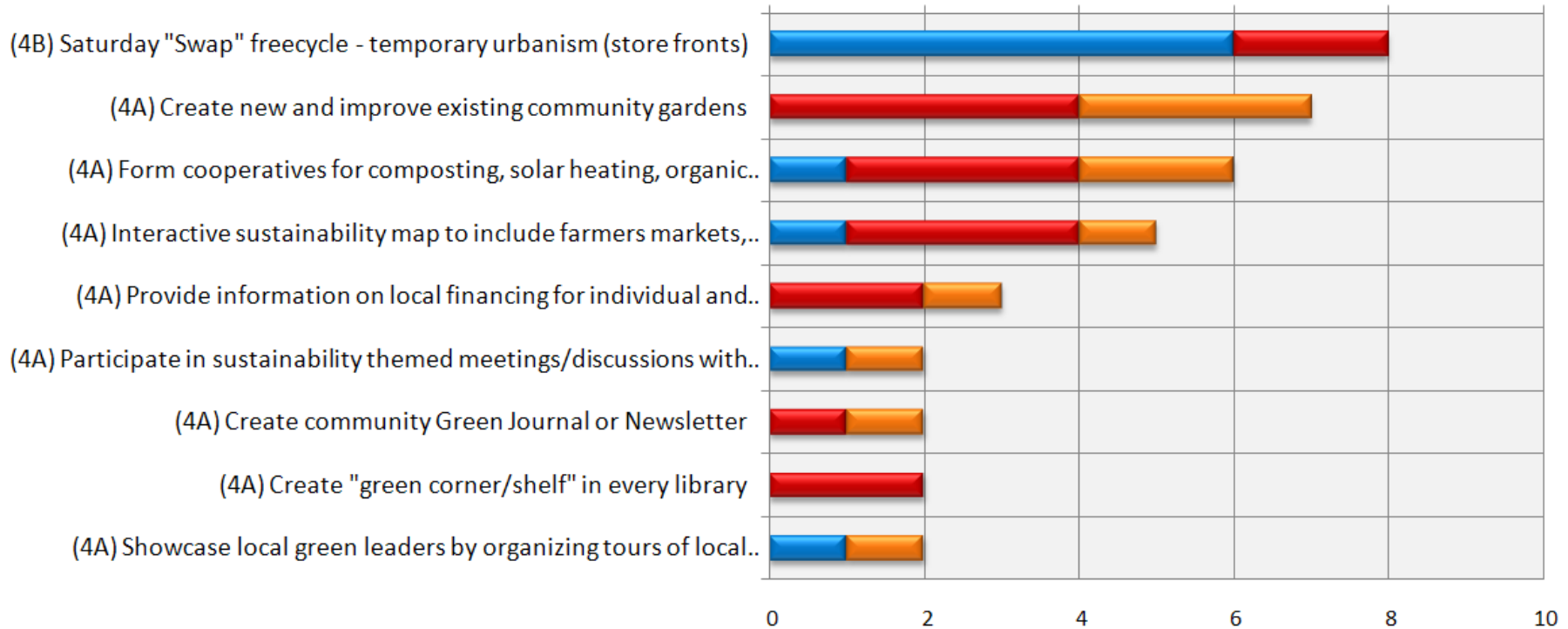
Top Votes on Green Economics Actions

■ Non-Resident Votes ■ Resident Votes (Meeting) ■ Resident Votes (Online)



Top Votes on Green Social Capital Actions

■ Non-Resident Votes ■ Resident Votes (Meeting) ■ Resident Votes (Online)



Neighborhood Sustainability Indicators



What are indicators?

An indicator is a quantitative or qualitative information about the current status or direction of change in a system. We use indicators **to guide and measure our progress towards goals.**

Indicators summarize complex information of value to the observer. Very often it is not a single indicator but rather a group of indicators together that are required to correctly interpret whether progress towards a goal is truly being made.

Sustainability Indicators are Indicators supporting Sustainability Goals and Vision

Examples of Sustainability Indicators:

Community's Vision /Goal : Be more bicycle-friendly

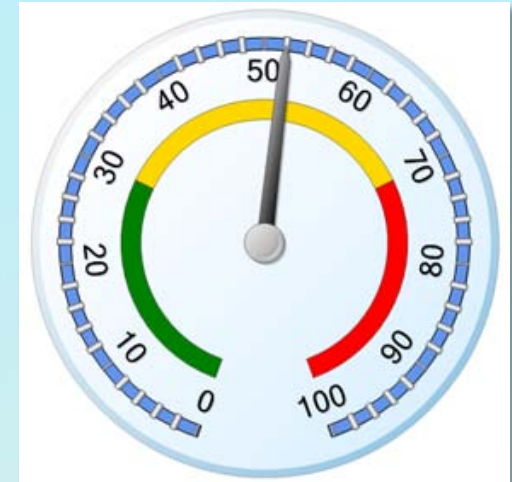
Supporting Indicators:

- Number of bicycle racks available
- Miles of bicycle lanes
- % of people biking to work

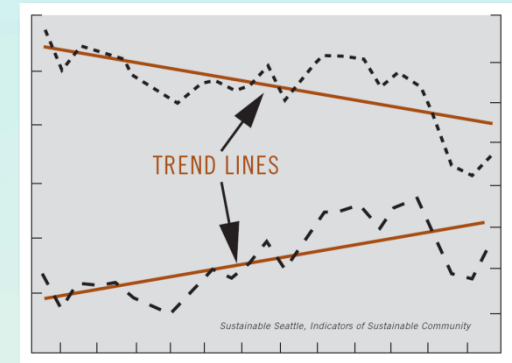
Community's Vision /Goal : Improve Water Quality

Supporting Indicators:

- Levels of pollutants in water
- % of impervious surfaces in area
- % of homes using organic fertilizers



Indicator as a status check



Indicators showing Trends



What are Actionable Indicators?

Indicators themselves do not replace actions, but they can become the catalysts that stimulate action in a community. Action-oriented indicators help build credibility and can also provide accountability for community leaders.

Actionable indicators should:

- Raise citizen awareness of the indicator
- Connect indicators to a new action or a policy
- Reveal new or formerly unknown information
- Create progress

Actionable Indicator:

→ Energy Usage per Household

Non-Actionable Indicator:

→ Cost of Electricity



Community Indicators don't just monitor changes ... they help make it happen!

Community Indicators Handbook



Types of Actionable Indicators

Performance:

Quantifies how much of the environment is improved/affected by actions

Example: → Number of New Trees planted in neighborhood

Participatory:

Quantifies who and how many people are involved in sustainability actions

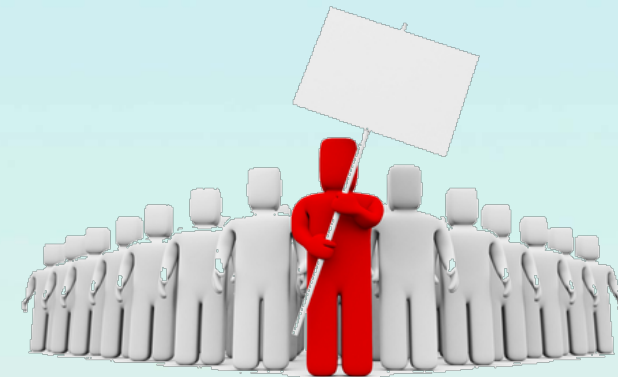
Example: → % of Residents who participated in Neighborhood Tree Planting Drives

Advocacy:

Quantifies how many support a particular sustainability policy and or action.

Example: → % of Residents who support Casey Trees expanding their Tree Program within ANC 3F

Performance Indicators are preferred as they most directly affect sustainability, but they depend on public participation in actions to be effective. Advocacy indicators typically rely on sustainability actions to be carried out by outside organizations/agencies.



Primary & Supporting Indicators

Supporting Indicator
Supporting Indicator
Supporting Indicator



Primary
Indicator(s)



Green Energy

Green Environment

Green Economics

Green Social Capital

Others



ANC 3F Sustainability
Goals & Targets



City Sustainability
Goals & Targets

Primary Indicators:

Indicators that directly relate to City Goals and are sustainability performance based

Supporting Indicators:

Indicators that in-directly contribute to the Primary Indicator measurement / or support the goal in general



Indicator Attributes

- Definition
- Sustainability Relevance
- Sustainability Trend
- What the Data Show – charts/tables
- Data Interpretation/Evaluation
- Related Goals
- Related Actions
- Related Indicator Groups & Indicators
- Responsible agent(s)
- Frequency of update
- Status of Update
- Limitations
- Data Sources
- References

Indicator Monitoring & Management

- What information gets collected
- Who collects the information
- How does the data get collected and at what frequency
- Who processes and compiles the data into the indicator
- How and where is the data stored
- How is the data accessed and updated

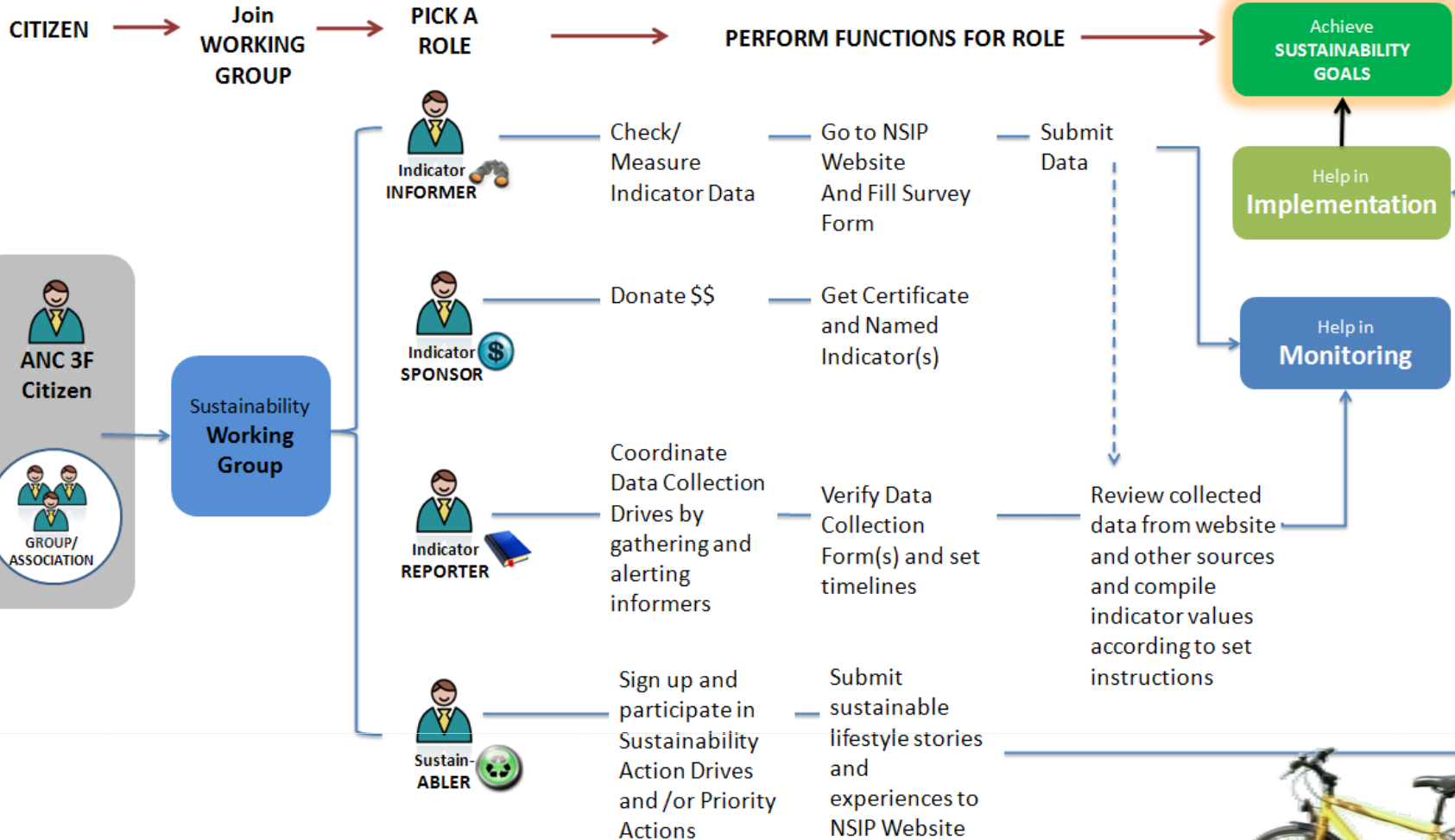


How You can Contribute

ANC member, OP Ward Planner, Other Citizens

SUSTAINABILITY TECHNICAL ADVISORY COMMITTEE

Overview, Oversight and Guidance

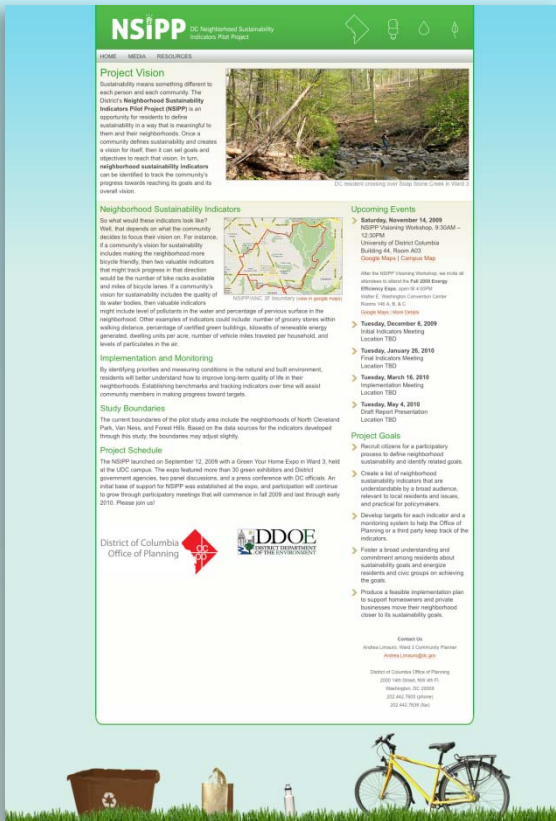


Sustainability Indicators Break-out Session



- TAC helps us Finalize Indicator List and form Working Groups
- AECOM to develop various attributes for Final Indicators with Working Groups + TAC
- Working Groups meet and discuss how they will initiate work strategies for their adopted indicators
- AECOM to develop Monitoring & Implementation Plan and Present to Public in next meeting
- Continue to update NSIPP Website





For more information, visit the project website at: <http://www.sustainable-dc.com/>

Or contact your Ward 3 Community Planner:

Andrea Limauro
Andrea.Limauro@dc.gov

District of Columbia Office of Planning
 2000 14th Street, NW, 4th Floor
 Washington, DC 20009
 P (202) 442-7605
 F (202) 442-7638

