



**Bloomington Sustainability Action Plan
Climate, Energy, and the Built Environment
Working Group Meeting One Notes
6 March 2018
City Hall
6 pm – 7 pm**

Topic: Identify the most important climate, energy, and built environment issues to address in the next five years

Facilitator: Stephanie Richards

Computer notes: Steven Chybowski

Number of participants: 12 (Alex Jorck, Chris Reinhart, Nolan Hendon, Erin Kunkel, Anees Azzouni, Marla Cherney, Andrea Webster, Molly O'Donnell, Jane St. John, Stephanie Richards, Steven Chybowski, Lisa-Marie Napoli)

Summary of Topics discussed

- Introductions of the working group members
- Review of the sustainability action plan process
- Review of the working group member list
- Review of the main topics under climate, energy, and the built environment
- Rating of the importance of climate, energy, and built environment topic areas
- Wrap-up/Next Steps

Detailed Notes

Review of Sustainability Action Plan Process

- In this group, we will be looking at the most critical sustainability issues within CEBE
- We have recruited people from the public, private, and nonprofit sectors
- Sustainability is everyone's responsibility
- We have well-rounded working groups for this process
- Everyone can learn from others and take the wisdom and goals back to your organizations and homes
- We have enlisted current SPEA Masters students for help with background research, metrics for success, gathering ideas from other cities such as programs implemented, and to look for funding opportunities,
- Lisa-Marie Napoli's students will also help, and she will help ensure that we engage the community in appropriate ways

Review of Working Group List

- If names are not highlighted, please feel free to politely apply peer pressure to encourage participation
- Chris Reinhart noted that Ron Walker is on the Chamber Board and will pull together business owners for the process
- Bruce Calloway is our Duke Energy Representative
- Alex noted he has some personal connections with people at Duke
- Loren asked if there is any communication with the County government especially with regarding the built environment

- Stephanie indicated she would get in touch with Monroe County

Topic Area Discussion

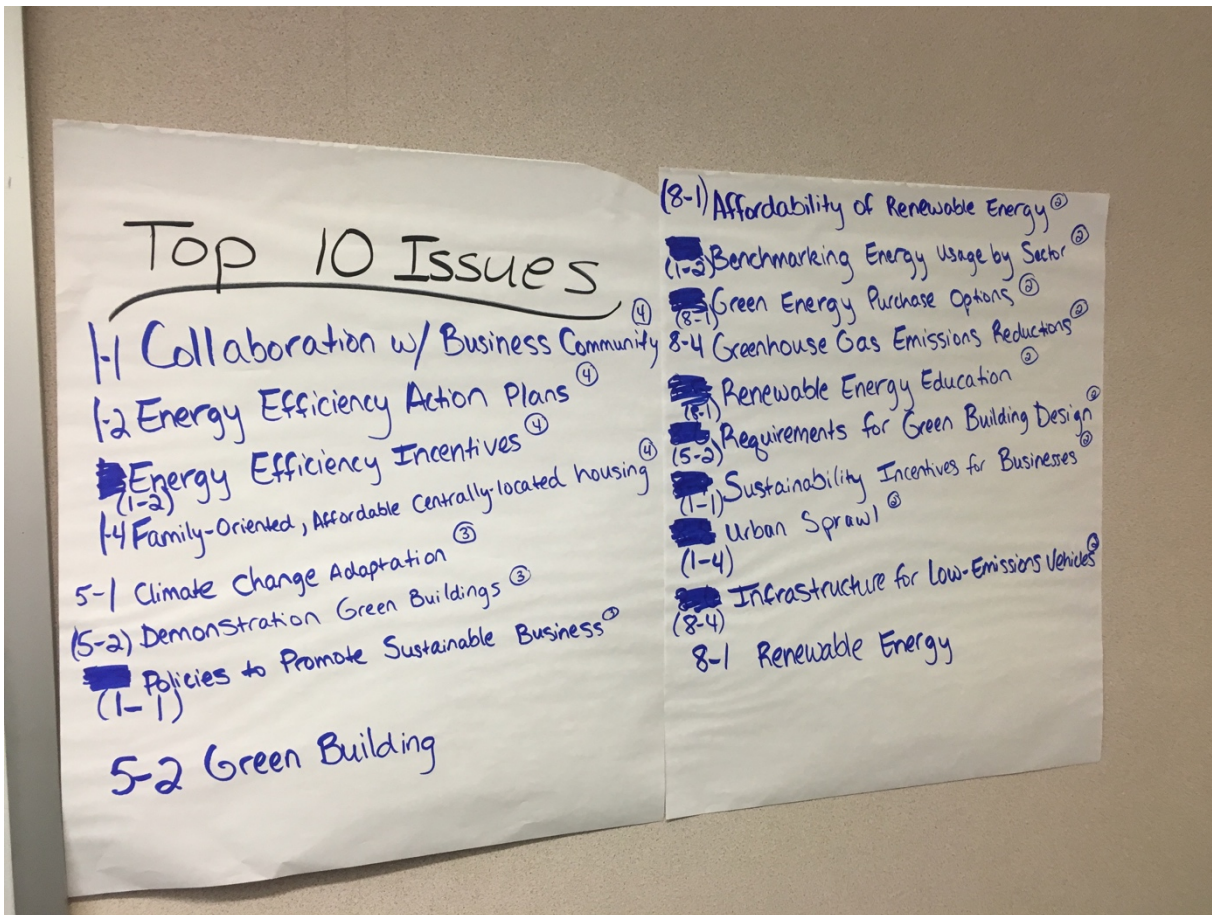
- Marla will pass around 6 dots to each person
- You can use your dots however you wish
- Marla will write the top 10 issues facing Bloomington
- Andrea asked for explanation regarding decreasing block pricing
- Stephanie noted that decreasing block pricing means first energy usage is most expensive and costs less the more you use
- Andrea asked if pricing is consistent across all sectors
- Alex noted it doesn't apply across all sectors, but residential and a lot of commercial sectors as well
- Business-related topics and collaboration all got high votes
- Stephanie asked everyone to vote on whether organizations to which group members belong could play a role in addressing issues
- Stephanie asked everyone to vote on whether there are topics we as individuals can have an impact on
- We had a lot of ties for 1st place as the most important issue - collaboration with business community, energy efficiency action plan, energy efficient incentives, and family-oriented family housing centrally-located all tied for first
- Group discussed combining other topics under our top topics
- Energy efficiency education could be combined with energy efficiency action plans
- Benchmarking could go under energy efficiency action plans
- Urban sprawl could go with central family housing as would increasing downtown building density
- Use of technology-controlled lighting and LED streetlights could go under energy efficiency
- New topic of green buildings with demonstration buildings, competition for energy efficient building design, environmental health benefits of green building design
- Affordability of renewable energy could be created into Renewable Energy category
- We also need to include the disconnect of public transit

Wrap-up/Next Steps

- Notes will be typed up and posted on a new Website for SAP
- Everyone will be able to access all notes from all events on this website so that it is all available to the public
- We need to establish vision and mission statements
- Stephanie will write a vision statement over break which we will discuss in our next meeting
- These ideas will be funneled to the Advisory Board to finalize the vision statement
- In the meantime, Marla and Steve will do research on our identified topics
- We will agree on an agenda for meetings 2, 3, 4
- SPEA associates will conduct background research on what other cities are doing so that we can have a structured meeting
- Feel free to conduct your own background research before the next meeting on Tuesday, March 27

Priority Issues for Discussion in Meetings 2 - 4

- **Energy Efficiency and Energy Conservation** (Energy Efficiency Action Plans, Energy Efficiency Incentives, Benchmarking Energy Usage by Sector, Energy Conservation Education, Disconnect between landlord and tenant incentives, Landlord controls on thermostat temperatures, Collaboration with Business Community)
- **Renewable Energy** (Affordability of Renewable Energy, Green Energy Purchase Options, Renewable Energy Education, Group solar purchase continuation)
- **Green Buildings** (Demonstration Green Buildings, Requirements for Green Building Design, Infrastructure for Low-Emissions Vehicles, Education of environmental and health benefits of green building design, Competition for energy efficiency building designs, Incentives for businesses)
- **Urban Sprawl** (Increased Building Density, Family-Oriented and Affordable Centrally-Located Housing)
- **Climate Adaptation Plan**



Climate, Energy, & the Built Environment

	*	Org	Me
8.7 Affordability of Renewable Energy	•	•	
Artistic promotion of sustainability issues (e.g. murals + public art)	•		
1.2 Benchmarking energy usage by sector	•	•	•
1.2 Building utility analysis	•	•	•

	* Org	Me
Business financial assistance for sustainability projects		•
Changes to electricity decreasing block price		
Climate change adaptation	• • •	• • • • •
Collaboration with business community	•	• • •
Collaboration with schools		

	* Org	Me
5-2 Competitions for energy efficient building designs		.
Correction of mis-information re: net metering	.	
Demonstration 5-2 green buildings
1-1 Disconnect between landlord-tenant incentives	.	
1-2 Energy Conservation education

	* Org	Me
¹⁻² Energy efficiency action plans	•••	••
¹⁻² Energy efficiency education	•••	•••
¹⁻² Energy efficiency incentives	•••	••
¹⁻² Energy efficiency standards	•	
Energy inspection of rental properties		



	* Org	Me
5-2 Env'tal + health benefits of green building design	.	..
Financial assistance for energy efficiency improvements by low- income residents	.	
8-1 Green energy purchase options	..	.
Greenhouse gas emissions reductions
8-1 Group solar purchase continuation	.	

	*	Org	Me
Hybrid public vehicles conversion	.		
Increasing downtown building density		.	
Infrastructure for low emissions vehicles	.	.	
Investing in good architecture		.	
Landlord controls on thermostat temperatures			

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Light pollution		..
Limit construction of new parking garages
Local impacts of climate change	.	.
Micro GHG emissions inventory	.	.
¹⁻¹ Partnerships to include utilities in rent		

	* Org	Me
¹⁻¹ Policies to promote Sustainable business practices	••	
⁸⁻¹ Preservation of history + culture during energy efficiency improvements	•	•
Progressive changes		•
⁸⁻¹ Renewable energy education	••	•••
⁵⁻² Requirements for green building design	••	•

	*	Org	Me
1-2 Street light replacement with LEDs			
1-1 Sustainability incentives for businesses	• •	•	•
Sustainability Web app for children			•
Transparency of energy production systems	• •	•	
1-4 Urban sprawl			
1-2 Use of technology - controlled lighting			

Add-on Issues

	*	Org	Me
1-4 FAMILY-ORIENTED, AFFORDABLE CENTRALLY-LOCATED HOUSING		
8-1 Renewable Energy Action Plan		• •	•
1-4 Disconnect b/t public transit			