



**Bloomington Sustainability Action Plan Climate, Energy, and the Built Environment
Working Group Meeting Four Notes (Part 3)**

24 April 2018

City Hall

6 pm – 8:30 pm

Topic: Identify challenges regarding urban sprawl and climate change adaptation and propose solutions.

Facilitator: Stephanie Richards

Computer notes: Steven Chybowski

Number of participants: 12 (Nolan Hendon, Erin Kunkel, Anees Azzouni, Molly O'Donnell, Darrell Boggess, Cynthia Brethem, Jane St. John, Alex Jorck, Loren Stumpner, Autumn Salamack, Stephanie Richards, Steven Chybowski)

Voting Activity:

Top Priorities Identified:

- Creation of 2030 districts
- Changes to energy code
- Increase renewable energy in all sectors
- Develop climate adaptation plan
- Low-interest loans for energy efficiency (e.g. PACE)

Voting Exercise

Utility programs to decrease energy usage

Energy audits performed by nonprofits or ESCOs

* Creation of 2030 districts to make significant decreases in energy, water use, etc.

* Changes to energy code

* Low-interest loans for energy efficiency from City, banks, nonprofits

Work with IUFC to change electricity rate structure

HAND green certification for properties or entire neighborhoods

Energy disclosure ordinance to require declarations of energy usage

Recognition for landlords that make energy efficiency improvements

Partner with Duke Energy for large scale solar project

Create City internal goal for renewable energy installations

Explore other sources for ^{supporting} renewable energy

* Increase renewable energy in all sectors and set goals by sector

Surpass the state renewable energy percentage

Provide financial incentives for commercial renewable energy

City donates brownfields for renewable energy

Explore opportunities for large scale geothermal

Set requirements for new buildings to explore renewable energy

Enact municipal carbon pricing (e.g. Boulder, CO Climate Action Tax)

Update the Sustainable Building Ordinance

Add relevant definitions to UDO (Green, High Performance, Sustainable, Regenerative)

Develop targeted educational Strategies RE: green building for owners & contractors

Determine why Green Development Program isn't being used

Identify "pilgrimage sites" for demonstrations

City leads by example

Predict future needs RE H₂O and energy resources

Change Zoning to encourage more mixed use development

Inventory greenspace, brownfields + unused lots

Impose "greenspace tax" for developing undeveloped land (e.g. farm or greenspace)

Incentives for brownfield development

Tax incentives for affordable housing set asides

Create parks near Village Centers

Explore tax for unused land/blight

*Develop climate adaptation plan

Create vulnerability assessment

Educate re: impacts of climate change

Education re: permaculture

Educate re: embedded energy in buildings

Include broad participation in Climate Adaptation planning

*Establish Climate Adaptation goals by Dept

Encourage building carbon neutrality

Project flooding impacts

Upgrade Stormwater systems

Restrict impermeable surfaces in new developments

Wrap up/Comments about the Process:

- Given the limited resources and time frame for the sustainability action plan, we need to prioritize actions
- We are talking to the City departments and looking at STAR recommendations
- To the extent possible, we will incorporate the working groups ideas
- We will stay in touch as there will be a draft going out this summer for review
- Also, please stay involved with planning in the UDO process