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 Bretheim, 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, etc.
- Work with IUAFC 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 and 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.

Change zoning to encourage more mixed-use development:

- Inventory greenspace, brownfields, and 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 Center.
- Explore tax for unused land/blast.

Encourage building carbon neutrality.

- Project flooding impacts.
- Upgrade Stormwater Systems.
- Restrict impermeable surfaces in new developments.

Develop climate adaptation plan:

- Create vulnerability assessment.
- Educate re: impacts of climate change.
- Educate re: permaculture.
- Educate re: embedded energy in buildings.
- Include broad participation in Climate Adaptation planning.
- Establish Climate Adaptation goals by Dept.
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 group’s 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.