Meeting #4: Where we are today in the process

1. ESTABLISHING GOALS to guide where we want to go
   - DRAFT GOALS

2. FRAME STRATEGIES for action
   - GOALS ➔ STRATEGIES

3. IDENTIFY ACTIONS and who will act
   - Final Draft Goals

4. CONSTRUCT INDICATORS to measure progress

Organize Preliminary Strategies to address Final Draft Goals

- GOAL 1
- GOAL 2
- GOAL 3
- GOAL 4

What’s missing?

Continue to develop strategies in order to address all goals

Given the goals we set, what additional strategic initiatives do we need to include to achieve all goals?

Initiate brainstorming for Actions

STRATEGIES
- Strategy
- Strategy
- Strategy
- Strategy
- Strategy
- ?
- ?
Climate Change Action: Final Draft Goals and Preliminary Strategies

GOAL 1. Conservation:
Plan, design, develop and manage our region for energy efficiency and conservation to reduce our carbon footprint.

- Insulation Coops (modeled after PUSH) in urban areas
- Update zoning and building codes for better energy efficiency
- Develop a revolving loan fund in Erie and Niagara Counties to finance energy conservation and efficiency improvements

GOAL 2. Mitigation:
Incorporate renewable energy production, especially from wind, solar, hydro-electric, and geothermal sources, by developing progressive policies and funding mechanisms.

- Incentives for geo-thermal / ground source heating and cooling
- Regional / NYISO A / Feed-in Tariff policy
- Community Clean Energy Coop
- Remote metering for schools (and municipal buildings)
- "Solar garden legislation" to expand remote net metering
- PACE (Property Assessed Clean Energy) programs on county level to provide long term, low interest financing for commercial and industrial renewable and energy efficiency projects payable on tax bills
- Wind initiative like NYS Solar Initiative
- Strengthen transmission -- but also consider alternative distribution structures beyond the current grid
- Close all fossil fuel power plants
- Develop real alternatives to car culture, in the physical growth and settlement patterns
- Locate future businesses/shopping complexes so as to reduce vehicle traffic (e.g. Transit Road has evolved into a 10+ mile parking lot at peak times)
- Strengthen neighborhoods to include a mix of uses, including a 20-minute city concept where each residence can achieve all of their daily needs within a 20-minute walk or bike ride
- Develop electric vehicle infrastructure as short term goal
- Provide alternative transportation that works to reduce SOV
- Transportation Planning: Map high density areas of residential and jobs and encourage development there
- Regionally, create a bi-county corridor - fast reliable transportation options from NF to Buffalo / train to Toronto. Consider all alternatives: light rail, BRT, heavy rail, etc
- Create light rail along the Niagara Greenway

Transportation as a key sector in Implementing Mitigation Actions

GOAL 3. Adaptation:
Anticipate and prepare to adapt to the already-inevitable impacts of climate change now under way.

- Need regulations and policies to incentivize energy efficient rehabilitation of existing buildings. (Look at Local Law 85 of 2009, NY Energy Conservation Code). Align with building codes, permitting and funding
- Review and maintain disaster preparedness
- Protect biodiversity - lands, waters, creatures, air and other resources
- Develop innovative strategies for workforce development and preservation of good work
- Create more jobs to usefully employ young people and others
- Ensure food security through adaptation of existing farming and marketing practices
- Use PACE or similar structure to make weatherization affordable
- Protect remediation/protection efforts carried out at various local “Superfund" type sites form future damage from flooding, erosion, etc

GOAL 4. Education:
Educate people about the implications of climate change on our region and the ways it can be addressed through mitigation and adaptation

- Public education
  - Educate youth on climate science and environmental science. 2. | Create implementable action plan for GHG emissions reduction with specifics
  - Safeguard ecologically sensitive and ecologically desirable areas against development
  - Education elected officials and policy makers on opportunities and funding sources for climate change mitigation that will further sustainability and resilience
  - Collaborate with universities, using their access to resources for education, business alliances, innovations, etc
  - UB EOC offer training in green building certificates, carbon accounting, other sustainability skills

- Work on Job development in new energy sector (alliances with labor, etc)
- Foster investment in sustainable businesses

GOAL 5. Wealth:
Create 'CITIES': Use the energy policy of conserve/mitigate/adaptation as the economic impetus to create jobs and support new industries and businesses.

- Expand collaboration between Ontario Power and NYPA
- Improve transmission within NYISO Region A to enable sun/wind
- Improve interconnections among NYISO, MISO, PJM and others internationally
- Adopt a Feed-In-Tariff Demonstration project for YISO Region A through NYPA
- Improve transmission from WNY and Quebec through Albany
- Consider repurposing Beck and Moses from backup and lowest cost power to an indispensable balance to enhance Great Lakes wide power grid

GOAL 6. Great Lakes:
Protect the Great Lakes and enormous water resource of our Region.

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GOAL 7. Water:
Ensure food security through adaptation of existing farming and marketing practices

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- Review and maintain disaster preparedness
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GOAL 8. Energy:
Ensure food security through adaptation of existing farming and marketing practices

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What’s next for the Working Team Members

**September 2013 Meeting**

Last meeting before the Community Congress Workshops. Strategies will continue to be developed, refined and finalized.

**November 2013 Community Congress Workshops: “You Choose How to Move One Region Forward”**

The Next Community Congress will be focused on scenario planning process. A series of Community Congress meetings this fall will offer the public an opportunity to tell us what their future Buffalo Niagara looks like. In a series of highly interactive, hands-on workshops, One Region Forward will ask participants to map what their future approach to land use, development, housing and transportation for our region would be.

Please help us get the word out - Help us attract a diverse public that is truly representative of our region to these events by filling in the form provided to help us get the word out.

**Winter 2014**

Two additional meetings to review and refine materials before creating the Draft Plan in Spring 2014.