

## **CCTFCEE Work Groups for Climate and Equity Action Plan**

### **Proposed List of Chapters for the Climate and Equity Action Plan**

#### **Climate Change Mitigation Recommendations and Strategies**

- (1) Large Scale Transition to Renewable Energy on the Grid
- (2) Commercial Buildings
- (3) Residential New Housing Strategy
- (4) Residential Retrofit Strategy
- (5) Industrial Policy
- (6) Transportation and Mobility

#### **Climate Change Adaptation Strategies**

- (7) Land Use, Urban Agriculture, and Reforestation/Greening of Milwaukee
- (8) Adaptation and Climate Resilience
- (9) Waste and Sustainable Consumption

#### **Overarching Topics**

- (10) Family-Supporting Jobs
- (11) Finance
- (12) Climate Education and Outreach

### **Proposed List of Work Groups and Topics Covered in Each Chapter**

#### **Each topic or chapter to be addressed by each Work Group will contain the following sections:**

- **A review of short-term recommendations from Preliminary Report:** Each Work Group will address and provide an update on the short-term recommendations developed in our Preliminary Report.
- **Policy Recommendations, prioritized by relative contribution to emission reduction, economic equity, cost and return on investment.**
- **Municipal Operations/Leading By Example:** Each Work Group will include examples of City or County projects or initiatives that are leading by example, or could lead the way, on each topic. For example, the Transportation and Mobility could reference County efforts to purchase and integrate ten (10) electric buses into the Milwaukee County Transit System fleet.
- **“Shovel-Ready” Projects:** Work groups will describe at least one project for each topic they will address. For example, the Buildings Work Group will develop a “shovel-ready” project for

the Commercial Energy Efficiency, Residential New Housing, and Residential Retrofit Strategies, including how much each project will cost and how it could be funded.

- **How to Shift Current Financing to Make it More Sustainable?** This section of each chapter will address how money that is currently being spent on less sustainable systems could shift to support our proposed strategies to be more environmentally sustainable. For example, using the electric bus example, this section could cite reference the amount of money spent on gasoline and maintenance of internal combustion engine buses and how that money could instead be used to invest in electric buses, which require drastically less maintenance and no gasoline.

**(1) Jobs and Equity – Goal:** To create sustainable jobs that pay a livable wage, prepare a workforce with the skills necessary to fill those jobs and support environmentally-sustainable entrepreneurship.

**Topics to Address:**

- **Workforce development:** Identify and engage with entities that can provide training, apprenticeships and jobs. Identify a system for targeting training, jobs and business opportunities to communities of color and low-income and/or underserved communities.
- **Standards and Strategies to Ensure Equity in Employment Opportunities:** Regarding both access to jobs and their ability to provide livable, family-supporting wages.
- **Industrial Policy**
  - o Strategies to reduce GHG emissions from industry.
  - o Strategies to bring “green” manufacturing to Milwaukee.

**(2) Finance – Goal:** This Work Group will try to answer the question of “How we finance” all of our recommended strategies. This might include plans to apply for federal, state, local, foundation and even corporate funding. This Work Group will also try to answer the longer-term question of how we shift current financing to make it more sustainable.

**Topics to Address: Policy recommendations**

- **Financing questions above for each chapter**
- **Pension divestment of fossil fuels:** The Work Group will investigate how the City and County could potentially do this, while still adhering to fiduciary responsibilities.

**(3) Climate and Equity Education and Outreach**

**Topics to Address:**

- o **Climate and Equity Education**
  - o Education on the carbon cycle and the current state of atmospheric GHGs.
  - o Education on racial economic disparities.
  - o Overview of strategies to reduce GHGs and to address racial and socioeconomic inequities. This includes actions individuals and households can take, like conserving energy.
- o **Community engagement around development of the Climate and Equity Action Plan, plan recommendations, etc.**
  - o The City of Milwaukee Environmental Collaboration Office (ECO) will host the website
  - o ECO has a budget request, staff time, etc. to work on disseminating information.
  - o Development of a larger plan to get community feedback, comments and ownership of the Plan.
  - o Discuss how the projects and policy recommendations in the report respond to input from the community.

**(4) Buildings**

**Topics to Address:**

- **Commercial Buildings:** energy efficiency, electrification (moving from gas to electricity for space, water and cooking heat) and renewable energy (most likely solar panels).
- **Residential New Housing Strategy:** passive energy construction strategies, energy efficiency, electrification (moving from gas to electricity for space, water and cooking heat), and renewable energy (most likely solar panels).
- **Residential Retrofit Strategy:** weatherization and energy efficiency programs to address equity issues like high energy burdens, electrification, and renewable energy.

## **(5) Large-Scale Transition to Renewable Energy on the Grid/Greening the Grid**

### **Topics to Address:**

- *Decarbonization of electric supply*
- *Distributed energy resources, energy storage and microgrids*
- *Will likely also work on our Ask of We Energies and the Public Service Commission*
  - Microgrids and distributed energy;
  - Community solar.

## **(6) Transportation and Mobility**

### **Topics to Address:**

- *Policies and investments to encourage walking, biking, public transit and ride sharing;*
- *Electric Vehicles (EVs):*
  - *Charging infrastructure:* Along major roadways, at businesses, apartment and condo buildings, and available to the public;
  - *Programs to reduce costs of chargers:* Rebate programs for residents, commercial buildings and businesses.
  - *Incentives to make EVs more affordable:* Look at recent legislation passed in New Jersey and Minnesota.
  - *Incentives for car dealerships to feature and sell EVs*

## **(7) Waste and Sustainable Consumption**

### **Topics to Address:**

- Production of waste;
- Circular economy (using waste as an input for other products/processes);
- How City and County can encourage reduced consumption of meat and dairy (Meatless Mondays, etc.)
- Food waste (note recent SEWRPC regional food waste project)

## **(8) Land Use, Urban Agriculture, and Urban Forestry/Greening of Milwaukee**

### **Topics to Address:**

- *Tree planting/reforestation, green spaces, county parks, etc.;*
- Land use planning in accord with SEWRPC recommendations for urban density.

## **(9) Adaptation and Climate Resilience**

- *Flooding and coastal planning*
- *Planning for extreme weather*
- *Managing extreme heat*
- *Encouraging in-migration to Milwaukee*
  - Lean a lot on City of Milwaukee's Green Infrastructure Plan
  - Lean a lot on MMSD Resilience Plan recommendations

We could start with a few of the Work Groups and then rotate into other ones.