

Vulnerability Assessment for Task Force : Preliminary Report Template

Work Group Template for Developing Preliminary Report

For its preliminary report, due in early March 2020, the Task Force needs focused information and recommendations from each Work Group to synthesize into the larger report. Each Work Group is asked to deliver four items that the Task Force can incorporate into a preliminary report/recommendations.

JCCtFCE Work Group on Vulnerability Assessment Preliminary Report/Recommendations

PURPOSE/ Vision

The Citizens, NGO's, and Governing entities of the City and County of Milwaukee are empowered to create a plan for meeting the obligations set forth in the Paris Climate Accord and to mitigate racial and economic inequity through "green" jobs by 2050, or before.

OUTCOME/Mission

By May 2020 develop a Vulnerability assessment that not only provides an assessment of the *projected impacts* for MKE but also includes an evaluation of how the impacts may *affect* MKE and how *ready* the community is to address them; that will then serve to inform the work of all other work groups over the time needed to develop a Comprehensive Community Wide Action Plan to achieve the vision of the Joint City and County Task Force on Climate and Equity.

1) Findings

- A preliminary description and assessment of the status quo in the work group's designated area
 - Using the process in Climate Action Planning by Greve et .al.,the following resources have been developed to survey the status quo findings:
 - See Vulnerability Matrix: Columns 1-3.....
Appendix...B
 - See MMSD Resilience Plan
 - Summarized in column 3 of Plan Survey.....
Appendix...A
- A preliminary assessment of what could be done based on examples from other counties/municipalities and other empirical evidence
 - Using the process in Climate Action Planning by Greve et .al.,the following resources relate what could be done based on examples from other counties/ municipalities and other empirical evidence findings:
 - See column 2 of Plan Survey.
Appendix...A

- See SEWRPC
 - <https://www.sewrpc.org/SEWRPCFiles/CommissionFiles/CommitteeFiles/2014/2014-10-07-minutes-att-03-ejtf.pdf>
 - <https://detroitenvironmentaljustice.org/wp-content/uploads/2017/10/SmClimate-Change-Vulnerability-Detroit-Report-1.pdf>
 - <https://www.cityofevanston.org/home/showdocument?id=45170>
 - See Actions in MMSD Resilience Plan 2019. Link and Plan survey Appendix...A
 - See Column 4 dark texts in Plan Survey Document. ... Appendix...A
- A description of challenges to overcome in order to meet the work group's goals
 - Using the process in Climate Action Planning by Greve et .al.,the following resources have been developed to provide a description of challenges to overcome in order to meet the work group's goals:
 - See Colum 4 Green Texts in Plan Survey Document. ... Appendix....A

PROCESS/ Aims

2) Recommendations for the Plan and Planning Process

- What a final comprehensive plan should include:
 - Sector Analysis as described in Climate Action Planning by Greve, et.al.: see Climate Adaptation Matrix. Appendix....C
 - This to be completed over a one to two year time frame by a citizen body
 - The columns for Potential Impacts and Adaptive Capacity will be completed by Community Based Working Sessions
 - Monitoring of these Indicators from MMSD's Resilience Plan 2019:
 - As projects are identified, **key performance indicators** should be created to demonstrate how effectively the project is addressing the action it is related to. The indicator should include a **baseline, a target/goal, and a timeframe** for when the target should be met. Because projects are likely to vary

substantially, evaluating the impacts of the Plan is particularly challenging.

- **Indicators:**
- **Cost Avoidance**
 - *This relates to the “return on investment” of a project by comparing the capital expenditures invested in the project with the costs incurred if a risk materializes and nothing is done.*
- **Quality of Life**
 - *This relates to the improvement of specific social-based indicators such as housing, income, jobs, education, engagement, health, and life satisfaction.*
- **Environment**
 - *This relates to evaluating the actions by measuring indicators that track impacts on natural systems such as land, air and water.*
- **Population**
 - *This relates to the number of people, or a subsection of the population that benefit from a particular action or project.*

- What the one- or two-year long planning process should include.
 - See NAACP Our communities Our Power: (link)
 - “Our work must be organized through democratic and voluntary cooperation, rather than coercion and exploitation. When we freely apply our labor together to solve our problems and meet our needs, we will both liberate the soil from the physical concrete that paves over life, and liberate our spirits from the cognitive concrete that has paved over our imaginations.” *NAACP p 20*
 - Plan Survey Appendix...A
 - Climate Vulnerability Assessment..... Appendix...B
 - Consideration of 6 top risks from MMSD plan
 - Financial Constraints: Budget restraints due to tax policy (infrastructure investment, public workforce shortage, etc.)
 - Social Equity: Social issues due to segregation: inequalities, crime and violence (Trauma)

- Vulnerability of Critical Infrastructure: Risk associated with aging infrastructure and infrastructure failure, significant and rising costs of maintenance and repair
 - Climatic hazard: Climatic event which impact existing assets (people?)
 - Ability to Adapt to Job Market Changes: Risk of non-alignment of skills, competencies and demand. The need to maintain local skills and human capital to an evolving labor market
 - Distribution of public services: Ability of public services to meet basic needs(access, equity, effective)
 - Prioritize Adaptation needs based on Potential Impacts and Adaptive Capacity (CAP Greve)
 - Develop a Climate Action Team – from City and County offices
 - “Cross-Cutting *from: East Chicago Indiana 12 Point Plan in NAACP OCOP p.466*
 - There must be increased cooperation and coordination between agencies responding to this crisis and seeking to address current and dispersed resident needs.
 - The coordinated agencies must develop and share a clear set of transparent plans which are rooted in community engagement and input in decision making.
 - The coordinated agencies, individually and collectively, must host regular public hearings to keep residents apprised of any and all developments and to actively and constantly seek resident feedback and input.
 - There should be transparency and people should continue to have a way to ask questions online to ensure that those who have dispersed can continue to both get information and give input and feedback as the situation and remedies continue to unfold.”
- Determine Chosen Strategies

3) Monitoring and Accountability

- How the planning recommendations in the work group’s area should be managed and overseen (for example, a city department reporting to an ongoing citizen committee)
 - TBD by the TCCtFCE as a whole.
 - Vulnerability Work Group Recommendation: A citizen body

- Who should be responsible for implementing each part of the planning process: the following bodies would implement their sector as noted in the MMSD Resilience Plan and in the Plan Survey. Appendix...A
 - Government
 - Business
 - NGO's
 - Landlords
 - Homeowners

- How stakeholders and the general public should be informed about and have opportunities to influence and engage in the process for developing a comprehensive plan and holding those responsible for implementing the planning process accountable.
 - See the Education and Outreach Work Group Plan/Report

- When and how should periodic reporting on the planning process occur
 - See the Education and Outreach Work Group Plan/Report

4) Short Term Projects/Programs

- Recommendations for projects/programs that further the Task Force goals and might be implemented during the immediate one to two years, before the comprehensive planning process is completed.
 - Identify Climate Action Team Members (City and County staff links)
 - Form a Citizen/ Community Partner body to continue this Vulnerability Assessment/ Monitoring

- **CLIMATE:**
 - Publish and Act on the 2018 grant for Energy Efficiency in Municipal Buildings and Fleet (due out in 2019) *Edison energy fleet city budget 100, 000 /yr 2.2 performance contact with Johnson controls*

 - *Promote: Boost (not new):*
 - Better Buildings Challenge
 - **ME 2 loan** financing tools *revolving loan (less money available effective), //loan loss reserve- funds for default, financial partner brings more money to table no home equity needed*
 - **Milwaukee Shines** *energy efficiency loan fund Stimulus \$ Summit*
 - *Group but bulk pricing*
 - Focus on Energy

 - Promote ReFresh MKE especially ECO Tool Kit
 - Lakewood Colorado Video Eco Neighborhood

Walnut Way Muskego Way Clarke Square
Neighborhood Assoc take up the torch

- ECO Interns ??
- Incentivize the 2016 Solar site Assessment – financial assistance?
now free
 - SEE Bloc Power Brooklyn lower income multi family
 - <https://blocpower.io>
- **NEED** Housing resource guide?
 - on line coder student/ gamer – Michael Timm resource
address income - which program eligible ???
- See MMSD’s Resilience Plan 2019.
 - Support MMSD Resilience Vision 1
 - Improve Public Spaces, Community Health and Reduction
in Crime through sensible environmental design
 - Accelerate local efforts to improve communities by
replacing grey impervious surfaces with green space
 - Support MMSD Resilience Vision 3
 - Increase green infrastructure in the region
 - Integrate Energy, waste, and sustainable material
components into RFP’s and/or Bids
 - Also summarized in Plan Survey Column 4..... Appendix...A
- **TRANSPORTATION:**
- ***Mass transit:***
 - Leverage DNC for Electric busses for BRT
 - Guest wifi on all MCTS busses DNC forward
 - BRT etc: See SEWRPC V 2050 map 1.8 Vol III Chapt 1 p. 29
 - <http://www.sewrpc.org/SEWRPCFiles/LUTranSysPlanning/pr-55-vol-3-ch-1-final.pdf>
 - More access: <https://www.bloomberg.com/amp/opinion/articles/2019-08-14/access-to-public-transportation-can-ease-traffic-carbon-woes>
 - Downtown Auto use zone \$60 fee
 - Dis incentivize: Raise rates at airport drop off
 - Outlaw: Uber and Lyft:
- ***Incentives and disincentives:***
 - Wheel Tax education and referendum -send details
<https://www.greenbaypressgazette.com/story/news/2017/11/08/seven-things-know-wheel-taxes-wisconsin/844223001/>
 - <https://www.cityofevanston.org/residents/parking/wheel-tax>
 - <https://www.jsonline.com/story/news/local/milwaukee/2017/04/04/voters-advice-milwaukee-county-no-60-wheel-tax/99731978/>
 -

- <https://www.seattle.gov/council/committees/sustainability-and-transportation/seattle-transportation-benefit-district>
- <https://urbanmilwaukee.com/2019/12/02/the-state-of-politics-wheel-tax-now-ranges-from-85-to-253/>
- Address the climate and equity emergency by meeting with employers with more than 500 employees to convince them to incentivize mass transit by actions such as purchasing reduced fare cards for employees and paying forward to provide Medicare, Medicaid, SNAP, WIC, and Veteran individuals a prepaid fare card?
- In order to incentivize mass transit, elected support for:
 - changing local building code requirements to *reduce the* number of required parking spaces needed in order to get a build permit?
 - Increasing parking rates in downtown areas/difference going to mass transit
 - request entertainment venues with parking add a high surcharge charge to their ticket price for parking that can be offset/replaced? by the buyer purchasing an event specific reduced fare round trip transit ticket
- Electeds support local referendums that promote regional transit plans, such as the SEWRPC transportation plan, and provide for their funding?
- Support free bus passes for students?
- Raise parking rates downtown /Employee Cashout programs: <https://www.accessmagazine.org/spring-1993/cashing-out-employer-paid-parking/>
- See SEWRPC recommendations 4.11, 5.2, 5.3
 - <http://www.sewrpc.org/SEWRPCFiles/LUTranSysPlanning/pr-55-vol-3-ch-1-final.pdf>
 - Downtown Compete Streets Update
 - Review AARP livable walkable communities
Walk to school culture
 - Lobby for RTA at state level: CMRT. Coalition for More Responsible Transportation

HOUSING:

- Proactive Market intervention to prevent gentrification: http://www.nxtbook.com/dawson/greenroofs/lam_2019Winter/index.php#/30
- Energy Efficiency Jobs are Green Jobs: Report shows employment potential of weatherizing affordable housing (July 2019),

<https://www.eesi.org/briefings/view/073119jobs>

- Fact Sheet: Jobs in Renewable Energy, Energy Efficiency, and Resilience (July 2019),

<https://www.eesi.org/papers/view/fact-sheet-jobs-in-renewable-energy-energy-efficiency-and-resilience-2019>

<https://www.eesi.org/briefings/view/102518efficiency>

GREEN INFRASTRUCTURE:

Require wetlands restoration at mouth of MKE's three rivers

Dept of Forestry: Diversify and plant more trees

Require Bi annual Inspection of green Roofs- Code Change?

see: http://www.nxtbook.com/dawson/greenroofs/lam_2019Winter/index.php#/38

Support for community organizations promoting Urban Gardens/ Food Forests

<https://projects.jsonline.com/news/2018/12/7/milwaukee-community-garden-produces-free-vegetables-safe-place-for-boys.html>

EESI: Fact Sheet: Nature as Resilient Infrastructure – _An Overview of Nature-Based Solutions (October 2019),

<https://www.eesi.org/papers/view/fact-sheet-nature-as-resilient-infrastructure-an-overview-of-nature-based-solutions>

GI AND EQUITY:

https://northcentralwater.org/network-team-explores-extensions-role-in-promoting-equitable-and-just-green-infrastructure/?utm_source=North+Central+Region+Water+Network&utm_campaign=e598c7c96f-

[EMAIL_CAMPAIGN_2018_04_27_COPY_01&utm_medium=email&utm_term=0_b8f3929132-e598c7c96f-57825889](https://northcentralwater.org/network-team-explores-extensions-role-in-promoting-equitable-and-just-green-infrastructure/?utm_source=North+Central+Region+Water+Network&utm_campaign=e598c7c96f-EMAIL_CAMPAIGN_2018_04_27_COPY_01&utm_medium=email&utm_term=0_b8f3929132-e598c7c96f-57825889)

FOOD:

Food System Vision Prize Core Beliefs

*The following statements underpin our understanding of food system transformation and will as a **Use as a guide** (Rockefeller Food Vision)*

1. We see the world through the lens of a multitude of interconnected food systems.
2. We believe that food connects us to our communities, institutions, culture, personal identities, and each other.
3. We believe a positive future requires honoring food traditions while also developing new ways of thinking and working.

4. We believe that transforming food systems requires diversity of thought, perspectives, and solutions.
5. We believe food systems should contribute to protecting and regenerating the environment.
6. We believe food systems should support the health, wellness, and nourishment of our bodies, souls, and communities.
7. We believe in the sensorial power of food to ignite creativity and spark joy for all.

EQUITY:

- Support MMSD Resilience Plan Vision 2
- Create a Job Training/Shadow Program with Schools and Major Employers in the Region
- Support the creation of/and training for Jobs related to Sustainability in Specific Industries and trades
- Support: Sept 2019 the MMAC announced a region-wide diversity and inclusion initiative
- Check status of: Reducing Poverty in Wisconsin:
 - *Analysis of the Community Advocates Public Policy Institute Policy Package June 2012*
 - Executive Summary
 - This report describes an analysis of a package of proposals to reduce poverty developed by Community Advocates Public Policy Institute, a nonprofit organization based in Milwaukee, Wisconsin. The policy package includes four elements:
 - Senior and Disability Tax Credit: This new credit would provide a fully refundable
 - tax credit to adults receiving Social Security or Supplemental Security Income (SSI).
 - The credit would make up the difference between an individual's or couple's resources and a poverty-level income in the highest-cost area of Wisconsin.
 - Transitional Jobs program: This new program would allow unemployed or underemployed Wisconsin adults who are not receiving Social Security or SSI to work at a transitional job paying the minimum wage.

- Increase in the minimum wage: The policy package increases the minimum wage to \$8 per hour.
 - Expanded earnings supplements: The earnings supplement policies envisioned by Community Advocates would replace the current Earned Income Tax Credit (EITC) with two fully refundable credits—a Working Americans Tax Credit providing up to \$3,500 per worker, regardless of whether children are present; and a Working Parents Tax Credit providing up to \$5,000 for tax units with children. Both credits would increase with earnings up to a maximum, and then phase down. Also, the current Child Tax Credit would be modified to provide up to \$1,000 per child per household on a fully refundable basis.
- DEVELOP support among local and state governmental bodies to enact these changes through community outreach, input and education.

Conclusion:

The Beloved Community is a vision for our future where all people share equally in the wealth and bounty of the earth, where we protect its abundance, diversity and beauty for future generations. In this vision of liberation, racism, exploitation, and domination are replaced by democracy, cooperation, interdependence, and love. To get there, we pursue transformative, systems-change solutions. What do we mean by this? The root causes of the problems our communities face—like climate change, racism, and economic inequality—are all deeply connected. Since the problems are connected, so are the solutions. NAACP. Our Community: Our Power. (P 436)