

Governor's Task Force on Climate Change

Notes from Public Listening Session 1

June 23, 2020

Explanation of Notes

Task Force listening sessions began with introductory remarks and presentations from various invited experts, followed by breakout sessions moderated by staff. At the conclusion of each meeting, all participants were brought back together for closing remarks. As such, notes for each listening session have been compiled as such:

- I. Opening remarks
- II. Roll Call
- III. Presentations
- IV. Main Room Chat Notes
- V. Notes from Breakout Room 1
- VI. Notes from Breakout Room 2
- VII. Notes from Breakout Room 3
- VIII. Closing remarks

Breakout rooms were facilitated by staff who directed conversation and took notes. Conversation was guided around various prompts as members of the public were asked to comment on the ways in which their lives were impacted by climate change and their recommendations for the Task Force. In some cases, these questions will be noted in bold to represent what question people were responding to at the time. Every room also had a Zoom chat feature where participants shared comments. Each breakout room note section will feature notes taken by staff, as well as corresponding text from the Zoom chat. The main room chat will be posted after the presentation notes.

I. Opening Remarks

- Welcome to the first listening session of the Governor's Task Force on Climate Change. Due to COVID-19 we need to adapt to new means of listening and talking. I would love to travel in person to speak with you, but that is not a science-based option at this time. We are using science to guide this Task Force, as well as how this Task Force operates.
- This is all about the people of WI, how we move forward, and how we tackle the climate crisis. This is about the future, and your experience and voices are critical. We want the Task Force to represent the people. We want to incorporate people who have historically been left out of the decision-making process.
- This crisis is going to challenge us all.

II. Roll Call

*those in bold in attendance

Amber Meyer Smith, Clean Wisconsin

Anna Haines, Professor, UW-Stevens Point

Bill Hogseth, Wisconsin Farmers Union

Bob Stone, International Brotherhood of Electrical Workers, Local 2150

Doug Rebout, Roger Rebout & Sons Farms

Dr. Darryl Williams, Administrator, Wisconsin Emergency Management

Dylan Jennings

Jeffrey Crawford

Kerry Schumann, Wisconsin Conservation Voters

Kirsten Shead, Milwaukee Water Commons

Kristofer Canto

Krystal Westfahl

Mark Stoering, Xcel Energy

Paul Graham

Sec. Randy Romanski, Department of Agriculture, Trade & Consumer Protection

Representative Greta Neubauer, 66th Assembly District

Representative Mike Kuglitsch, 82nd Assembly District

Rob Palmberg, Dairyland Power Cooperative

Robert "Bert" Garvin

Secretary Caleb Frostman, Department of Workforce Development

Secretary Preston Cole, Department of Natural Resources

Senator Mark Miller, 16th Senate District

Stacy Craig, Environmental Stewardship Advocate

Stephanie Delgado

Katie McGinty, Johnson Controls Inc.

III. Presentations

Mike Noreen, River Falls Municipal Utilities, Conservation and Efficiency Coordinator

City of River Falls: The Path to Renewable River Falls

- Energy projects evolved to incorporate art, social justice, climate change, and big dreams: River Falls is the first city in WI to be 100% renewable
- Stormwater art, osprey towers, downtown light festival, for example
- Enlisted experts by partnering with local and state partners Slipstream, Powerful Choices, WPPPI Energy, Focus on Energy, Hope for Creation, WI Energy Independent Community
- Projects include LED streetlighting, variable frequency drives, and free LED packs for customer appreciation event attendees
- Worked to build allies throughout the community and encourage them to be part of solutions
- Goal was to be first in WI in customer participation in renewable energy program; achieved that and now is fourth in the country
- How River Falls became 100% renewable:
 - Dream big and take action
 - Conservation, then efficiency, then renewable energy
 - Energy savings are greater than renewable energy costs
 - Community support

Erick Shambarger, City of Milwaukee, Environmental Collaboration Office

Climate Action in Milwaukee

- The Goal is to make Milwaukee a world-class eco-city; see Milwaukee.gov/climate
- Milwaukee is a leader in building energy efficiency; initiatives include
 - Commercial PACE (Property Assessed Clean Energy) financing
 - Me2, which has helped over 1300 homes with efficiency upgrades; statewide energy codes need to be upgraded or more control given to local governments
 - Milwaukee Shines project puts solar on city buildings; the goal is 25% by 2025 for city buildings but State action is needed to meet bigger goals
 - The City County Task Force on Climate and Economic Equity addresses climate threats and racial disparities
- Racial and Environmental Equity
 - A lot of work to do in this area, and we all have a stake in trying to address these issues
 - On average, WI households spend 3% household budget on energy
 - But some Milwaukee zip codes are spending up to 10%; lower income households are spending more \$ on utilities due to older and leaky buildings, poor insulation, etc.
 - Flooding and its increased severity disproportionately affect lower-income communities; how to upgrade these communities to reduce flooding risk?
- Ideas that Wisconsin can implement:
 - Provide additional funding to local governments from Office of Energy Innovation (OEI)
 - Make roof-top solar panels not considered as a public utility, thus easier financing
 - Require community energy reports
 - Allow utilities to invest in electric vehicle charging infrastructure
 - Set solar net metering rates equal to the retail rate
 - Require WI utilities to develop plans to phase out all coal-fired power plants by 2040

- Rewrite the Public Service Commission's energy assessment to account for climate goals
- Require utilities to invest in energy efficiency by requiring them to offer on-bill financing
- Help utilities meet demand by requiring them to offer community solar options
- Strengthen the commercial building energy code
- Mortgage financing is tied to surrounding home values; WHEDA could develop new net-zero energy home financing program to advance net-zero energy improvements
- Establish a Green Bank to provide financing, without it contributing to municipal debt limits
- Ensure WI technical colleges have programs in renewable energy, weatherization, and HVAC, and make those programs accessible to people of color
- Transportation plans and funding should be designed to support and increase population density, rather than fueling new ex-urban development
- Increase funding for multi-modal freight networks and public transit

Kate Nelson, UW-Milwaukee, Chief Sustainability Officer & Dave Barbier, UW-Stevens Point, Sustainability Coordinator

Recommendations from UW Campus Sustainability Representatives

- This is a collaborative of UW campus sustainability offices. The UW System uses over 50% of Wisconsin's utility budget: \$114M annually.
- The UW System's energy use is more efficient since 2005; but the System has grown over 13% so its use is increasing.
- This group is a resource for the Task Force and can help with Goals, Resources and Demonstrations.
- Here is a sample of its recommendations for the Task Force. Topics are grouped into eleven buckets:
 - Social Sustainability: Establish a department of equity, engagement and environment to align priorities.
 - Renewable Energy: Clarify third-party ownership standards.
 - Energy Efficiency: Set new goals for state buildings.
 - Transportation: Diversify state funding to support bike lanes and promote walkability.
 - Emissions: Track direct and indirect emissions.
 - Financial Sustainability
 - Community Health and Wellbeing: Provide a shadow price of the social impacts of climate change on public health.
 - Water Stewardship: Implement water steward plans for all state-owned facilities.
 - Indoor Air Quality
 - Employment and Business: Incentivize compost.
 - Resource Management

IV. Main Room Chat Notes

- 18:04:39** From Cheryl to Staff - Maria Redmond(Privately) : I have no audio.
- 18:13:58** From Staff - Maria Redmond to Tom Benish(Privately) : Yes, we are recording.
- 18:15:11** From ylrm1985 to Staff - Maria Redmond(Privately) : Will slides be posted for downloading from www.
- 18:19:03** From Staff - Maria Redmond to ylrm1985(Privately) : Yes they will be posted online
- 18:22:55** From Staff - Maria Redmond to mnooren(Privately) : Thank you!
- 18:23:55** From mnooren to Staff - Maria Redmond(Privately) : my pleasure. I would love to continue to contribute to the task force. thank you
- 18:29:47** From Rebecca Clarke to Staff - Maria Redmond(Privately) : I hope we will talk about environmental health and ozone?
- 18:32:46** From Rebecca Clarke to Staff - Maria Redmond(Privately) : as temps increase in the Great Lakes region, we will see more high ozone days.
- 18:36:58** From ylrm1985 to Staff - Maria Redmond(Privately) : Online ?? www.-----
- 18:44:52** From Staff - Maria Redmond to Barbier, Dave(Privately) : You have about one minute left
- 19:54:54** From Lisa Janairo to Staff - Maria Redmond(Privately) : Maria, can you tell me whether this is Zoom meeting or Zoom webinar?
- 19:56:30** From Staff - Maria Redmond to Lisa Janairo(Privately) : zoom meeting
- 19:56:54** From Lisa Janairo to Staff - Maria Redmond(Privately) : Thank you! This has been excellent.
- 19:57:34** From Rebecca Clarke to Staff - Maria Redmond(Privately) : Very well done. Really. This was great. Looking forward to future communication and outcomes.

V. Notes from Room 1

- **Linda Frank, Milwaukee, Task Force on Climate and Economic Equity**
 - We are focused on climate action here, and I want to suggest that we look at equity as an equally important issue. Also, that we look at biodiversity and the threat of species extinctions as equal concerns. The preservation of natural ecosystems is an important strategy to look at. Thank you.

- **Cindy Crane, Lutheran Office for Public Policy**
 - One of our priorities, care for God's creation, focuses on climate change and water. Our members have a lot of concerns. Dane County is on the cutting edge for renewable energy use. I think there has been a lot of frustration with what federal and state governments are not doing, so there is piecemeal approach that municipalities have to take. We need bold action from the State to help cities reach their goals. It will be hard to reach Paris Agreement, for example, without bold state action. State action will also bring in communities who have not yet started to work on this.

- **Daryl Williams, Wisconsin Emergency Management**
 - We've seen a lot of flooding threatening houses. We've been stressing the importance of flood insurance, but residents say they couldn't get flood insurance because they didn't live in a flood plain. Others say they don't need flood insurance because they have never been in a flood. We need to stress the importance of being prepared. Maybe a tax write-off for flood insurance?

- **Ted Kraig: Milwaukee, Citizen Action of Wisconsin, Task Force on Climate and Economic Equity**
 - There is a permanent depression in parts of Milwaukee which afflicts people who have historically been discriminated against. We want investments in climate change to help that. Jobs will be created by climate change. Those jobs need to be good jobs and go to the people who need them: involve the unions, ensure that jobs go to those families that most need them.

- **Sheila Young, Citizen in Madison**
 - Is the State planning to coordinate emission reductions with neighboring states? If so, which states are in our regional plan?

- **Jennifer Westerhauser, WI Wetlands Association**
 - We submitted a letter to the Task Force. We are a science-based non-profit that helps people restore wetlands. Wetlands are a big part of climate change. Water is a big issue for municipalities regarding extreme storms, farmers, safety. We see a big role for upper watershed restoration because that will help with water issues downstream. We are involved with demonstration projects to show techniques that work with nature to help solve problems that climate crisis is making worse. Thank you and I appreciate the chance to comment. My letter supplements my comments.

- **John Schuster, Save our Streets Wisconsin; Advocate; Black Caucus**

- Is the WI Technology College system involved in this Task Force, and if not, can I have permission to coordinate with it? It is hard to advocate due to COVID. What do you recommend?
- **Paul Heinen, Wisconsin's Green Fire**
 - We are 4400 reps from agencies and academia. We need to pass Greta's bills and we'd be all set. There are some easy things farmers and forestry landowners can do regarding carbon sinks. There are good technical things to do, but rural areas, farms and forests, should be included to help meet carbon goals. Thank you.
- **Brittany Keyes, Citizen of Beloit, Doctor of Physical Therapy, WI Health Professionals for Climate Action**
 - Thank you for seeking the opinions of Wisconsinites. I sit on the board of the WI Health Professionals for Climate Action and the Beloit City Council. I am not speaking on behalf of the council, but myself. I am committed to my children and the future. Being a healthcare professional, we are facing a trifecta of public health crises: COVID-19, racism, climate change. COVID-19 has caused immense health and economic suffering. We need to apply those lessons to the climate crisis. Climate change could incorporate healthy solutions. For example, burning fossils causes cancer, premature births, etc. A switch to clean energy would save lives and money each year. There is an urgency toward action among health professionals. The consensus is if we don't act now, life will increasingly be a struggle for survival for our patients and families.
- **Marilyn McDole, Citizen of Oregon**
 - I've been affiliated with multiple organization such as Citizens in Action, Environmental Caucus for State Democrats, Anderson County Park. Locally, in Oregon, we are built halfway on a swamp. We have wetlands and flooding issues. Our major streets close due to flooding. This village has had a tendency to overdevelop large, expensive houses that are energy hogs. They are built in subdivisions that don't allow solar, due to covenants, and so we need action with developers, maybe statewide law, because piecemeal city-to-city action is difficult. We need to use all the new technology to lower energy consumption and help the climate.
- **Dan Dieterich, Citizens' Climate Lobby**
 - I am one of 190,000 supporters of the climate lobby and one of two Wisconsin volunteer coordinators of the Citizens' Climate Lobby. I am speaking today to urge you to support State and national dividend legislation as an equitable solution to the climate crisis that affects low-income Wisconsinites. All income levels would receive the same monthly dividend payment. Since low-income households use fewer carbon-intensive products than middle or higher-income, they would benefit from this. Climate change hurts low-income people more than others. Carbon fee dividend legislation would be most beneficial to low-income people and it is a fair solution. I have been involved for eight years and got involved due to climate justice. Many solutions hurt low-income people, but this benefits them.
- **Andrew Werthmann, City Councilmember in Eau Claire**
 - I am a consultant to the PEW Charitable Trusts Flood Program. Founded in 1948, PEW is non-partisan, public policy organization that springs from data, facts and science. PEW

aims to reduce the impact of flood-related disasters by improving policies. Flood-related disasters cause major financial disasters, which will increase as flooding becomes more frequent. The federal government has been unable to reduce these costs, putting more pressure on states and local governments. There are centralized initiatives to promote flood resilience across the country, for example, programs in Virginia, New Jersey, North Carolina. I am heartened that this administration is responding to the effects that climate change is having on Wisconsin. We recommend that Wisconsin create a comprehensive resiliency plan to address flooding and climate change-driven disasters. Cross-agency collaboration and resources could support policies, economic development, mitigation projects, and recovery plans. This has the potential to lessen impacts of future disasters. We need to ensure that Wisconsin families are safer from flooding and climate change.

- **Mark**

- It is National Pollinator Week. I grew up on a dairy farm in New York and I'm concerned about the conversion of prime agricultural land into industry and housing. Housing is urban sprawl that is inefficient land use. I live in a condo, and I'm concerned about how we change our landscape to be green, reduce erosion, retain water, plant a diversity of trees, etc. We need resources to help guide condos, new housing, etc. to preserve our agricultural land better than we have been.

- **Bruce Wiggins**

- A few ideas that I haven't heard mentioned:
 - We need to defund fossil fuel infrastructure. We need to get rid of the eminent domain power of pipeline companies.
 - State government needs to ensure that new or expanded pipelines are not allowed in Wisconsin. Part of defunding is divestment. The State needs to use financial power to divest from companies through investments, pensions, and banking procedures. Give pensioners the opportunity to invest in green funds, but also divest from fossil fuel companies.
 - Work with religious institutions. Climate change is a profoundly spiritual effort. We need to deal with spiritual needs, or it will be tough for people to address the huge changes that are needed.

- **Dan Barth**

- I've been involved with climate activism for 6-7 years, my wife and I drive Volts, we have solar panels, and it is fantastic. We are puzzled why everybody is not doing what we are doing. My sense is that for most people in Central Wisconsin, climate change is not on their radar. I like what Dan Dietrich had to say about putting a price on carbon. If gas cost \$4.5/gallon! Put that price on carbon. Norway has used financial incentives. The last administration put increased price to register electric vehicles...that's crazy! I'm all about incentives for people and businesses to do what we need to do. A pragmatic point: COVID has had a negative impact on economies. I don't know what Wisconsin will need to spend to further action on climate change, but without spending and money, we could increase the price on carbon. Thank you.

- **Ben Rohr, Citizen of Madison, Urban Planner**

- I work for a private firm with communities across the state sized 2000-15000 people. I work actively to improve sustainability in rural areas across the State. Economics makes it difficult to do. The effects of the recession remain; many communities have not yet come out of it. Small communities are dealing with the same issues as larger communities, but they don't have the same resources. The Dane County Action Plan is a great model across the state. Individual sustainability models need funds set aside to do inventory to create action plans. Without funds, I fear these communities will never be able to create climate action plans, and it will further disadvantage them. Similar to comprehensive planned updates, a statewide effort to provide funds for smaller communities to do climate action plan updates work would help.
- **Brittany Keyes, Citizen of Beloit, Doctor of Physical Therapy, WI Health Professionals for Climate Action**
 - Regarding solutions, climate solutions can be seen as health solutions. Replace a gas car with an electric car, it makes people healthier. When people bike or use increased public transport, that cleans our air today. By working on climate change, we can make our communities healthier. We need comprehensive climate policy to build a healthy and climate-smart economy. Strong, comprehensive, equitable action to achieve health gains. Comprehensive building codes, electric standards, investments to create living wage jobs. The technology is available, we just need the majority to have the courage to act. We have an opportunity to rebuild from COVID, to build to a healthy, low-carbon economy.
- **John Schuster, Save our Streets Wisconsin; Advocate; Black Caucus**
 - I have a concern: Burlington flooded and they didn't get FEMA help. Does Wisconsin have an emergency fund for when people get flooded?
- **Ellen Ferwerda, Citizen of Racine**
 - I am part of zero-waste group in Racine. I want to bring up the subject of solid waste. Our landfill is almost full. The alternative is to transport our garbage in diesel trucks. I wish there were incentives for composting projects in municipalities because 30% of what goes to landfill is compostable. The transportation and environmental costs of landfills are concerns of mine.
- **Cindy Crane, Lutheran Office for Public Policy**
 - I appreciate this conversation. I was fortunate to attend COP25 in Madrid. It is stunning to me that third world countries are vying for who needs the most help, and I hear farmers here talking the same way as those countries. Those voices need to be louder because they are witnessing impacts to our food systems. Countries that produce most carbon emissions are suffering the least, and vice versa, and we need an international discussion about how to take responsibility.
- **Ted Kraig: Milwaukee, Citizen Action of Wisconsin, Task Force on Climate and Economic Equity**
 - I want to talk about solutions. Jobs will be created by a climate transition, and the assumption is that they will be good jobs, but that's not necessarily true. Similar to manufacturing jobs, it is not automatic that these will be good jobs. Climate is not motivational to people, and we need ways that people can get excited about climate

change, and one way is economic. Roll back the tax on unions. Making buildings solar will not necessarily be good jobs. We need unions to ensure those are good jobs.

- **Daniel Zerr, Natural Resource Educator, UW-Extension**
 - Thanks for the opportunity to speak. I am part of a regional natural resource education program. I work in water quality. Financial incentives are great, and I don't want to minimize them. Money spent on that is money well-spent. But often, environmental issues are human-caused problems. In order to solve them we need to change human behavior. Sometimes money isn't enough, and you also need people on the ground, one-on-one contact, from trusted information sources. I would like to see grant programs for boots on the ground to help people get out, make contact, earn trust, as that goes a long way toward changing behavior.

- **Elizabeth Janvrin, LaCrosse, Head Start Teacher**
 - There is a lot of emotion around how our state was strong in environmental education and lost funding. Even though we are looking at the specific issue of climate change, we need behavioral change, and we know that people protect what they love. In addition to a Green New Deal, we need more opportunities for children and families to get in nature, which have huge racial disparities. Please re-fund and re-support our environmental education programs.

- **John Skoug**
 - I support the idea of carbon fee and dividend. It is pragmatic solution in a polarized country and time. Carbon fee and dividend is a solution that can be implemented in a market-based way. It is not pitched as a huge government-sponsored program. It will create good jobs, it's been vetted by economists, so I would like to see the Task Force take something up regarding carbon pricing. It could only accelerate and augment efforts by local, regional, and state groups.

- **Jeremy Gragert, Citizen of Eau Claire**
 - I want to talk about transportation, a passion of mine. I live car-free in a city of 70,000. We haven't expanded mass transit in over 20 years, because there is not a lot of support for public transportation. Evers' increase of 10% was whittled down to 2% in the latest budget. I would emphasize that to be an equitable Task Force and have equitable recommendations, it needs to watch out for any age, ability, and income, and mass transit is a central place to focus resources. Bicycling and walking are important from a safety and emissions standpoints. We need a Transportation Alternatives program. If that funding was increased, it would make a big difference. We need life without a car to be safe and accessible.

- **Heather Allen**
 - Thank you to the Task Force members and staff—it's wonderful to see hundreds of people tune in. Exciting to see this energy! It's clear that whatever solutions are proposed, they have to make all of the correct scientific choices easy for the public. Easy transportation choices, simple to put solar on your roof, or making sure there are tech planning solutions for local government—those are all critical. It's about finding ways to make this an easy and simple choice. I think that as we go through this process, regarding equity and social justice, we'll have to redouble our efforts to ensure we are

hearing from communities that don't have a high likelihood to hear from others. What is the Task Force's plan to reach out to the non-usual suspects? We need to be intentional to ensure that solutions meet the needs of everyone in Wisconsin. Thank you.

- **Julia DePalma, 350 Madison Climate Action Team**

- I live in Madison, am a member of 350 Madison, and work a lot with the planning commission in Madison. It is difficult to be bound by the state's permitting process. It is hard for planning commissions and local citizens to require solar panels, ensure that new buildings are energy efficient. With 40% emissions from the built environment, I hope the Task Force will push for permitting to be more stringent and climate-forward.

End of staff notes.

Breakout Room 1 Zoom Chat:

18:51:42 **From Heather Allen :** Hi - is there a time limit for comments?

18:53:39 **From Marilyn McDole :** I see no icon to raise my hand.

18:54:08 **From Sheila Young :** Click on participants and look at the bottom of that pop up menu

18:54:29 **From Mark :** I also see no icon to indicate a raised hand...

18:54:29 **From Greta Neubauer :** If you click on "participants" at the bottom of the screen, you can then see the "raise hand" option at the bottom right

18:55:17 **From Marilyn McDole :** Got it. Thank you.

19:05:43 **From Greta Neubauer :** Sheila, here is a link to the US Climate Alliance, which Governor Evers has joined, alongside other Governors:
<https://www.usclimatealliance.org/publications/2019/2/12/wisconsin-governor-tony-evers-joins-us-climate-alliance>

19:06:09 **From Greta Neubauer :** We are also discussing ways to coordinate with our recommendations. Always happy to hear more ideas!

19:21:18 **From Randy Romanski :** I am having problems with my microphone, so I wanted to say "Thanks" to Paul Heinen for referencing that agriculture can be part of the solution to addressing our changing climate. Agricultural producers are well positioned to use a suite of conservation practices to help mitigate climate change. A good example are the Producer Led groups that are amplifying the efforts to generate climate-minded agricultural systems.

19:25:04 **From Marilyn McDole :** Yes, pension fund divestment of all fossil fuels is critical. Sarah Godlewski is a member of the Board, as State Treasurer. She may be able to influence the ETF Board. I see very little push in this direction by the Board.

19:26:32 **From Marilyn McDole :** We need Level 3 charger stations all over the state.

19:27:31 **From Ted Kraig** : Good point about EVs. Biggest barrier to uptake is range anxiety. The State should build fast chargers at all rest stops on our major highways.

19:32:13 **From Marilyn McDole** : Ted, seems to be something the state can push for. We want an electric vehicle; we need charging.

19:32:44 **From M. Sushore** : One of the individuals who spoke mentioned the fact that WI needs to stop investing in fossil fuel projects. To that end, please note that the Wisconsin Department of Natural Resources (DNR) is holding a public hearing regarding a proposed new section of Enbridge Energy's Line 5 crude oil pipeline in northern WI. It will take place over Zoom and by phone on Wednesday, July 1, at 4:00 p.m. CT.
Learn more at: <https://350madison.org/help-us-protect-lake-superior-copper-falls/>

19:34:54 **From Ted Kraig** : Good to know. We really won't solve the climate crisis until we stop further development of fossil fuel infrastructure.

19:34:59 **From Dan Barth** : Level 2 chargers at convenient locations in towns around the state can also be very helpful for folks who travel within the state. We know, we use them when we go to town, or visit family in a town away from where we live.

19:35:49 **From Marilyn McDole** : MI is trying to shut down Line 5 because of structural failures under Lake Michigan. WI and MI share Line 5 concerns. We can work together, can't we?

19:36:10 **From Joel Haubrich** : WEC Energy Group

19:36:24 **From Sheila Young** : Regarding EVs, it would be nice to allow all car dealers to sell EVs here and establish service shops, including Tesla.

19:36:27 **From Kelliann Blazek** : Ellen, just wanted to share info on USDA's new composting pilot program which provides grants to local governments: <https://www.fsa.usda.gov/news-room/news-releases/2020/usda-announces-cooperative-agreements-for-community-compost-and-food-waste-reduction>

19:36:38 **From Joel Haubrich** : <https://www.wecenergygroup.com/csr/>

19:37:23 **From M. Sushore** : There is an alliance of land owners & environmental groups, such as the Sierra Club and 350 Madison Climate Action Team that are working collaboratively with groups in MI fighting Line 5. Please join us: 350madison.org

19:44:29 **From DW** : Frozen. Logging back on.

19:49:03 **From Marilyn McDole** : I need to leave. I hope to see you at the next gathering. Thank you, all.

19:49:49 **From Kirsten Shead - Milwaukee Water Commons** : Question for Raj - Do we need to ask the person who is here by phone if they have a comment? Are they able to unmute themselves?

19:50:26 **From Staff - Raj Kamal** : Yes, I as just about to discuss that. Thanks

VI. Notes from Group 2

Question prompt: How is climate change impacting you, your community, or your industry?

- “Springdog Millionaire”
 - City of Madison has installed digesters that turn methane into natural gas -- does the city of Milwaukee have these or are they planning to have them?

- Caitlin Oleson - Climate Collaborative, Door County
 - Work with food and beverage company
 - Waste management is an issue (packaging, containers, wrappers)
 - Would love to see efforts focused on business practices (as opposed to just municipalities)
 - Some businesses and farmers are already doing this work and implementing sustainable practices → how can the state support these efforts?

- Liz from Bayfield County
 - Serves as Exec. Dir. of local human services nonprofit that serves low-income residents.
 - Also serves as clerk for local town, so understands process of applying for FEMA funds
 - Last 4-5 years, major summer rainstorms in northern parts of state
 - Bayfield and Ashland Counties are classified by Census Bureau as frontier counties due to low population density, large areas of county, state, and national forests, lack of infrastructure
 - Big storms require FEMA and state funds to repair roads
 - Climate change can be measured in concrete dollars
 - City of Ashland has seen sewage overflows into big lake due to flooding

- Call-in participant
 - WI should offshore wind resources from Lake Michigan
 - WI has access to high-quality wind resources from the middle of Lake Michigan, and we should be a leader in that field
 - They have done this in Europe and other places
 - Wisconsin could also sequester carbon in old mines like in Iron County.
 - Could pump carbon dioxide into mines and it will become carbonate rock
 - WI needs to develop infrastructure for charging electric vehicles
 - WI could develop renewable methane resources in the state, including methane made from hay or grass clippings

- Laura from Madison area
 - Biggest way climate change is highlight all of us is the pandemic
 - Global Health Institute and Sierra Club hosted webinar on pandemic and climate change
 - Deforestation -- when we lose large parts of forest, people come into contact more with wild animals
 - Warming planet increases habitats for insects that are vectors of disease
 - Biggest emitters of carbon are coal plants and transportation
 - Utility companies need to move to 100% carbon free by 2030

- Low income communities often live near these coal plants and Laura has talked to families whose local playgrounds have dust on them from the emissions and pollution
- Tom Benish
 - Is there anything they are tackling about pollution that comes from agriculture?
 - Seems to be a missing link in climate change discussion
 - Documentary called Cowspiracy about how cows contribute to climate change
 - Need to take a look at how we can reduce pollution from agriculture even as we value dairy industry
- Joe Fitzgerald - works at environmental nonprofit in Milwaukee
 - Climate change itself needs to be bigger priority for all of our communities
 - Need to focus on the intersections with racial justice and climate change
 - The ways that some people have greater health disparities due to their environment
 - The ways that some people have less access to green spaces
 - Would like to see state take a greater stance on climate change and help those who are facing joblessness secure green jobs
- Cara Pratt - Sustainability Director for City of Racine
 - Elevated rainfall has led to flooding and shore erosion on Lake Michigan
 - Climate change has exacerbated health disparities and other racial disparities
 - Follow up question from Kerry Schumann: Can you explain more about how climate change impacts racial disparities?
 - Response: Communities of color in Racine disproportionately live in housing with inadequate heating and cooling and poor energy efficiency. Extreme heat and cold therefore impact these communities more severely, which results in disastrous health outcomes, but also results in higher utility bills. The Chicago Heat Wave of 1995 is a relevant case study. I forgot to mention — this also affects the elderly disproportionately. In Racine we are examining the possibility of creating “Resilience Hubs” in our community centers to address this.
- Michelle Scarpace
 - Water quality is completely interrelated with climate change
 - Michelle works with farmers to implement better conservation practices
 - Would like to see more opportunities to push more regenerative agriculture practices
- Rebecca Clarke - Sheboygan
 - Climate change will come to the Great Lakes in a big way
 - Great lakes are warming faster than other parts of the country
 - We have had flooding and massive erosion on lakeshore -- not just impacting housing, it's impacting all infrastructure
 - Water treatment plant is being overrun by waves
 - Sheboygan recently had visit from EPA Secretary who came and told them Sheboygan has achieved attainment for ozone, which had created smog
 - But as temperatures rise, Sheboygan will “cook” more ozone, which will impact air quality and go back to high ozone levels
 - This will exacerbate racial inequities and impacts of COVID-19

- Coal plants are not biggest emitters in Sheboygan and along lakeshore
 - Need to look at transportation and offering infrastructure for cleaner vehicles
- Would like to see more education on air quality, more infrastructure for greener vehicles, more focus on other emitters besides just coal plants
- George from Ashland County
 - Extreme weather is most visible concern, especially in far north of Wisconsin
 - We need every Wisconsin resident to realize they are personally impacted by climate change
 - Cultural acceptance is the key
 - Need broad consensus on implications on climate change so that everyone changes behavior and we move forward together
 - We need a carbon dividend act
 - We should take the lead if federal government will not

Question prompt: What solutions have worked in your community to combat climate change? What should the State of Wisconsin be doing to assist communities in combatting climate change?

- James
 - Should look at nuclear power as a faster way to replace coal
 - Nuclear power has a 92% capacity factor so it's at 100% power for 92% of its lifespan
 - Much more than solar and wind and other methods
 - Need to come up with ways to recycle spent nuclear fuel
 - There are sites that recycle spent nuclear fuel into other substances that can be used
 - Could look into "Newscale" in Portland, OR - which has a 50-60 megawatt nuclear plant
 - Reactors are modular, so instead of way we would build nuclear reactors in 70s where they were huge, they can be built in one factory with all the relevant mechanics and staff and researchers are in one place
 - Also sent comments via email
- Rebecca Clarke (again)
 - Need better educational resources
 - DNR used to be a great resource until Walker years
 - Glad DNR is getting back to this work, but needs to ramp up
 - Need to incentivize businesses that are going greener
 - Green Tier program incentivizes you to report if there is a spill or accident in your business, but doesn't incentivize changing practices
- Trevonna Sims - Lives in Milwaukee, Organizer with Citizen Action
 - State of WI should subsidize jobs that weatherize people's homes and fulfill other environmental needs that are not being met in low-income communities and communities of color
 - WE Energies has a program to assist with weatherization services, but only 2% of homes that are eligible are able to get them
 - Wisconsin should invest in these jobs in communities being impacted by economic ramifications of pandemic

- Joe Fitzgerald (again)
 - Agrees with Trevonna that WI needs to invest in green jobs, especially in poor communities and communities of color
 - Communities in Milwaukee have been working to solve climate change issues at a grassroots level, but they need state support
 - Neighborhood groups and local groups organizing around these issues should be partnered with for public forums like these to diversify attendance
 - WI needs to take stronger stance on environmental justice and ending structural racism

- Marianne from Milwaukee
 - Really have to make reducing carbon footprint a priority, but have to do it simultaneously while dealing with unemployment and lack of good-paying jobs
 - Milwaukee has places where large solar or wind plants could be built
 - We should create green jobs with subsidies if necessary and train people who need jobs to fill them
 - Reforestation is another way to create jobs for people who need them in the city and in rural areas

- Cara Pratt (again)
 - Need more full-time jobs to deal with climate change
 - Cara is the only government employee working on this full-time
 - Cara has leveraged millions of dollars for climate change efforts
 - Just got Racine a grant for millions to pay for electrical buses

- Caitlin Oleson (again)
 - Need multi-pronged approach
 - Need big ideas
 - Need everyone doing everything they can to really shift the needle
 - Great that we are even talking about this, refreshing in this administration
 - California has something called CalCan funded by cap and trade policy
 - Healthy Soils program in California could be looked at for better agriculture practices
 - Organic and regenerative farmers should be at the table
 - Massachusetts has a food waste diversion program so businesses don't just fill landfills with food
 - Need to look at recycling -- much of plastic is not being recycled
 - Celebration and telling stories of what businesses are doing and what governments are doing to inspire others

- Laura (again)
 - Solutions must include closing all coal plants in Wisconsin by 2030
 - If we transition fully to renewable energy, we can create new jobs and save money in health care

- James (again)
 - Another benefit of small nuclear reactors -- can use process heat to generate hydrogen which can be used for hydrogen fuel cell vehicles
 - Most fuel cell vehicles are using natural gas which is low carbon, but not no carbon

- Michael Noreen - River Falls presenter
 - Biggest and quickest impact is at local level
 - Local officials listen and aren't contacted that often
 - Change can happen fairly quick on a local level

- David
 - Citizen assemblies should be used to deal with challenging topics like climate change

End of staff notes.

Breakout Room 2 Zoom Chat:

Note: "Me" is the staff member who moderated the chat.

From Rebecca Clarke to Everyone: 06:50 PM

which room is this?

From Bonnie Mac to Everyone: 06:50 PM

Two

From Liz to Everyone: 06:50 PM

2

From Rebecca Clarke to Everyone: 06:51 PM

Milwaukee?

From Bill Hogseth to Everyone: 06:52 PM

May members of the task force ask questions?

From Liz to Everyone: 06:57 PM

Olivia please repeat the question

From Me to Everyone: 06:59 PM

Discussion Question: How is climate change impacting you, your community, or your industry?

Task Force Members, feel free to ask questions of the participants.

From Rebecca Clarke to Everyone: 07:03 PM

I can't imagine how you would do this, but do you have a list of speakers? In order? Trying to figure out if I got my hand up to speak :) thanks

From Me to Everyone: 07:06 PM

Rebecca, please try again to click "raise hand" on the participants section.

Rebecca, you got it, thanks.

From Rebecca Clarke to Everyone: 07:12 PM

I'm a slow learner. It's only my 1,000,000,00000 zoom.so...

Who is on deck to speak?

From Me to Everyone: 07:13 PM

On Deck:

Cara Pratt

Michelle Scarpace

Rebecca Clarke

Einar77

From Kerry Schumann to Everyone: 07:16 PM

for Cara Pratt: could she say more about how climate is adding to inequities?

From Cara Pratt to Everyone: 07:20 PM

Communities of color in Racine disproportionately live in housing with inadequate heating and cooling and poor energy efficiency. Extreme heat and cold therefore impact these communities more severely, which results in disastrous health outcomes, but also results in higher utility bills. The Chicago Heat Wave of 1995 is a relevant case study. I forgot to mention — this also affects the elderly disproportionately. In Racine we are examining the possibility of creating “Resilience Hubs” in our community centers to address this.

From Kerry Schumann to Everyone: 07:21 PM

Thanks, Cara!

From Cara Pratt to Everyone: 07:23 PM

Here is an open Fellowship position that is relevant:

https://www.governmentjobs.com/careers/racinewi/jobs/2800142/fellow-racial-equity-in-climate-resilience-planning?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic

From Me to Everyone: 07:23 PM

Task Force Website: <https://climatechange.wi.gov/Pages/Home.aspx>

From Rebecca Clarke to Everyone: 07:24 PM

If I could add, people of color often live in urban areas with more pollution, weather ozone or particulate matter. You can see the affects in asthma, COPD, heart and lung disease .

From Me to Everyone: 07:27 PM

Q1: What solutions have worked in your community or industry to mitigate and adapt to the effects of climate change?

Q2: What should the state of Wisconsin be doing to assist communities in combatting climate change?

From Robin Lisowski to Everyone: 07:35 PM

<https://dnr.wi.gov/topic/greentier/>

From Me to Everyone: 07:42 PM

DOAGovernorTaskForceonClimateChange@wisconsin.gov

From Lisa Kelly to Everyone: 07:43 PM

I love that idea.

From Trevonna Sims to Everyone: 07:45 PM

Can we view the recording from this breakout after this hearing?

From Me to Everyone: 07:48 PM

The recordings will be posted on the web

From Trevonna Sims to Everyone: 07:49 PM

Thank you

From Me to Everyone: 07:49 PM

5 minute mark

From Rebecca Clarke to Everyone: 07:49 PM

Yes! Celebrate the stories! Good.

From Mark Miller to Everyone: 07:50 PM

the chat room also be accessible form the website?

VII. Notes from Room 3

Question prompt: How is climate change impacting you, your community, or your industry?

- Kerry Rice, St. Croix county citizen climate lobby.
 - Biggest concern hotter and wetter.
 - Encouraging state to think big and bold.
 - Rec: support a carbon fee and dividend program. Give \$ back to lower income families. Incentivize new businesses who can help us to have a cleaner world.
- Pam Dryer, Bayfield County.
 - Interested in talking about how CC is affecting the Northwoods. Crazy weather.
 - Forest oriented. CCTF has had good forest related recs. Manage forests sustainably. Not going to be enough to take care of 2016 and 2018 catastrophic floods.
 - She and her husband own land and she lost significant acreage during floods.
 - What is worse is there is thousands of tons of sediment went downstream and is affecting people really negatively downstream.
- Charlie in Milwaukee
 - Charlie has asthma. Thinks it has to do with pm 2.5 particulates in the atmosphere.
 - Serious health issues related to fossil fuel production. Reason to move away from fossil fuels.
 - Social justice issue because people in the city are suffering disproportionately. Needs to be front and center.
- Carolyn
 - Works at UW Madison as an agricultural educator in Crawford and Richland Counties. Working with farmers to help them adapt to climate change.
 - Still need to raise food to feed everyone but we need to help farmers do that with the new climate.
- Marco in Milwaukee
 - Big impact for his family is heat waves. Not only heat waves but hotter/warmer winters especially in the past few weeks for some of his family members that don't have AC it can be really dangerous and it's difficult to escape the heat if you can't go inside for solace.
- Jill Michler Appleton
 - Concerns about water levels in Lake Michigan. East river is flooding more.
 - Last July straight line winds and tornadoes that were really damaging.
 - The more severe and unpredictable weather is a major concern.
- Dick in Maidenrock
 - Retired physician works with public policy committee.
 - Data is difficult to gather re health and climate change.
 - One of the problems is we don't have a good handle on the actual cost to society that these healthcare issues are impacting. He believes they are enormous.

- WI Health Professionals Coalition for Climate Action is working on this.
 - We're missing the knowledge of what the cost is of these issues. (Human cost.)
- Matthew, ED of WI Biogas Council
 - One concern that parallels w/ concerns about unpredictable weather.
 - Manure will spread everywhere. Water and air emission. Exaggerated by climate change.
- Missy Nergard
 - Works at UW Madison.
 - As a population we spend 93% of our time indoors.
 - Building codes are not good here and some of the health impacts we are considering of our indoor spaces to address climate change are nowhere near where they need to be. In underserved/lower economic areas this is even worse.
- Charlie (again)
 - Wants to know if we'll have a statewide inventory of industrial ag emissions
- Liz Fentress
 - Beekeeper for 20 years. As the climate warms the Africanized bee moves farther north. It makes them angrier. Not good to have the mean bees up north.
- Jan Penn Ashland County
 - Retired teacher.
 - Vectors of disease are changing. Diseases are moving up from South America and other regions to our area.
 - Lake Superior has been a cold body of water forever but now it is warmed to the point where they are seeing algae blooms. Thinks it will be the last holdout of brook trout.
 - Logging factors in to concerns as well.
 - Cold water has a direct impact on the economy and tourism.
 - In Ashland County 84% of houses build before 1990, 47% before 1950. Infrastructure will certainly be an issue because it's aging. Esp. housing.
- Nate Conroy
 - Midwest Energy Consortium.
 - Climate Change work and WI based companies on the forefront of trying to work on the issue. Sees young people motivated to work for companies that are addressing the challenge. Wants to put a positive spin on WI companies being part of the solution.
- Nat Myer
 - College student. She and her peers have lots of anxiety about climate change.
 - Feels like the gov't and corporations aren't doing enough to lessen emissions.
- Edward Vocke
 - Minocqua, WI.
 - Noticing reconfiguration of freshwater natural resources. Significant flooding. Wolf and Fox River watersheds run into the GB area and supply Lake Michigan with ¼ water.
 - Would like to see more being done in the Northwoods to preserve the resource.

- Mining issue.
- Ronald Zabler
 - Licensed plumber in the state for 30 years.
 - Uses his job to protect water ways.
 - Recently found out that Badger minerals is putting a mine in the Northwoods backyard. Feels there are not enough public statements being made. Currently exploratory drilling happening. He was extremely upset because he did not know it was happening. No input or transparency. No one ever found out about a public hearing or environmental impact statement. Hasn't been introduced to anything.
 - Please have more emphasis on sharing plans with the public on water protection.

Question prompt: What solutions have worked in your community to combat climate change? What should the State of Wisconsin be doing to assist communities in combatting climate change?

- Zach Bartscherer with Pew Charitable Trust
 - Pew is working to help with flood related disasters. Huge physical and financial losses. Looking at resiliency plans.
 - Excited about WI responding to climate change.
 - Recommend the state promote resilience and create a statewide plan. Resilience planning should have collaboration across the state. Economic development, emergency preparedness, economic investment, etc. Empower public. Provide economic growth and resilience in the aftermath of disasters.
 - Pew offering expertise and resources.
- Pam Dryer
 - Shout out to people working to keep forests as forests
 - Helping sequester carbon and provide resiliency. Think bigger picture and reduce our carbon emissions.
 - Carbon fee and dividend (See federal legislation, but she supports it at the state level) to reduce fossil fuel use. Takes revenue and returns it back to households.
- Marco Marquez
 - One big way to reduce energy in large buildings would be to invest in LED lighting.
 - Gov't programs could subsidize these energy efficiency investments.
 - Heat/AC/insulation: keep in mind that many people don't own homes so when we talk about homeowners, we have to consider how to help renters.
- Charlie
 - We need greater transparency.
 - Incumbent upon DNR and other parties to share information with the public.
 - Need an inventory of risks: floods, fires, health impacts, water contamination.
 - Get rid of CAFOs.
 - Properly account for externalities.
 - Fixing things will take a lot of money. Suggests a high net worth climate mitigation fee. Basically, a climate tax on the wealthy.
 - Third party financing idea.

- Proposes buying into large solar/wind/other technology.
 - Be an equity owner in a renewable energy project (possibly requires changes in law at the PSC).
 - We need to be far more aggressive than we have been. We need to be more imaginative and bolder if we are to have a serious impact.
- Ed
 - Supports carbon fee. De incentive people from using fossil fuels. Put a price tag on pollution. Incentivize people to make the right decisions.
 - Carbon sequestration.
- Janet
 - Grateful for opportunity to speak her mind.
 - Chair of township's comprehensive planning committee.
 - She suggests having all townships and up add chapters on extreme weather events, climate change, etc.
 - Every community is different in terms of what their risk is. We have similar goals for resiliency.
 - Concerned with Endbridge activities in the Bad River Watershed. Fossil fuel pipeline from Canada. Wisconsin is being used. Laws and policies, we have in place, including permitted, have facilitated WI such that 20% of the fossil fuel used in the US passes through pipelines in WI.
 - Hopeful that we can have rapid transition to make a difference. Look at the policies that have perpetuated fossil fuel transportation and increased risk in the state. Running totally contrary to the interests of Climate Change Task Force.
 - Identify our assets: WATER.
 - Community owned utilities.
- Carolyn Ihde
 - CAFOs are heavily regulated by the DNR.
 - If we got rid of CAFOs we would have to use more land to raise the same # of animals which might lead to deforestation.
- Matthew
 - CAFOs as the economy evolves natural tendency is to mass produce.
 - Opportunities within the state w/ anerobic digesters. There are opportunities to include energy generators like this in our conversations.
 - We have 24/7 baseline supply that depending on the source can be considered carbon neutral because it converts methane to CO2.
 - Keep energy production local whenever possible. Support different communities. Microgrids. Grid modernization. Utility distribution systems. Community power. Need infrastructure and job opportunities.
 - Work to leverage local manufacturing expertise. Matter of organizing, aggregating, distributing work.
 - We are sitting on the largest fresh water supply on the planet. We should work on legislation to institute some type of protection. Does not want to export water.
 - Broadband access is important so that everyone has access to the work we are doing.
 - Not a unified vision or playbook that we can use because Wisconsin is so unique.

- Teresa
 - Environmental Science and Studies teacher.
 - Echoing comments about students and classroom learning and having climate policy.
 - Lift ban prohibiting local municipalities from enacting local ordinances banning single use plastic.
- Charlie
 - Please task force members emphasize that we don't import energy, that as much as possible it's created within the state. Reduces transmission costs.
- Molly
 - Architect in Madison.
 - Supports increasing building codes. 40% of the energy our state uses comes from buildings. If we can reduce energy demand from buildings, it'll be better for creating renewable energy because we have to use less.
 - Natural gas still isn't clean. Use electric!
- Jim Map
 - Used to work with the state.
 - Sharing insight about EPA building rankings that might help target buildings. Lighting is a great way to reduce energy use because it also reduces ventilation use.

End of staff notes.

Breakout Room 3 Zoom Chat:

Note: "Me" is the staff member who moderated the chat.

18:53:40 **From Pam Dryer** : I would like to comment

19:01:03 **From Erik** : Hi, I am an active citizen in Merrill. My favorite climate and environment action is to encourage people to utilize Wisconsin's great natural resources for low impact recreation. Part of this encouragement includes building infrastructure to make these resources more accessible. Something Merrill needs is better access to the Wisconsin River reservoir in the center of the city. This could be accomplished several ways but one aspect which needs immediate addressing is the canoe take-out spot above the dam. It is a steep gravel hill currently and is accessible in no way. The Wisconsin River is meant to be a natural highway in the state and this is a major failure point in that vision.

19:04:51 **From Janice Penn** : I have hand up Jan Penn

19:06:47 **From Erik** : I took pictures a couple weeks ago if there is somewhere I could send them.

19:07:48 **From Staff - Wenona Wolf** : Thanks for sharing this Erik! I will get you an email address to send those in a second.

19:08:54 **From Erik** : Thanks. I have brought it up with officials in the city but since it is a river it is a state thing.

19:15:15 **From Rebecca Alwin** : I live in Middleton and would like to reinforce the concern about flooding. City of Middleton experienced great damage from flooding in Aug, 2018. (hope I have that year correct)

19:16:22 **From Staff - Wenona Wolf** : Thank you for sharing Rebecca!

19:17:34 **From Staff - Wenona Wolf** : Erik you can submit photos on the task force's website: climatechange.wi.gov/

19:17:50 **From Staff - Wenona Wolf** : There is a section to submit comments and attach files.

19:18:26 **From Erik** : ok thanks

19:18:47 **From Bree Thomas** : Lake level is so high here in Racine/Kenosha the barriers off of our shores have been breached...loss of many feet of sandy beaches, washed out piers, Carthage college continues to protect their campus, marinas...all along the lakeshore.

19:20:51 **From Bree Thomas** : Above message from Bree Thomas...sorry.

19:21:15 **From Stacy Craig** : Flood economics resources that was presented at a recent training from the Pew Institute: <https://floodeconomics.com>

19:21:54 **From Tim McCollow** : In order to maximize Climate action in WI, I feel we have to focus on 4 areas where, at the state level, change can happen:

19:25:47 **From Jill Mitchler** : I also support the task force looking at a Carbon Fee and Dividend at a federal or state level!

19:26:55 **From Tim McCollow** : 1) the Public Service Commission and state legislature must resolve what is called the solar third party financing in WI; WI lags all (?) other Midwest states in solar installs because we are one of the few states that needs to clarify the legality of third party financing.

19:27:41 **From Liz Fentress - Chequamegon Area CCL** : I also support the State of Wisconsin studying and implementing a carbon fee and dividend policy. implementing

19:30:08 **From Tim McCollow** : 2) The PSC must think out of the box on utilities closing coal plants. It's called the stranded asset issue. Utilities will want to recover their investment, leading to a possible "tax" to ratepayers who all want to move away from coal.

19:35:24 **From Barbier, Dave** : Look at Kate Raworth's Doughnut Economics model for guidance on managing state assets and budgets

19:35:54 **From Tim McCollow** : 4) State building codes need to be updated to consider modern energy efficiency standards, renewable energy and stormwater management (our #1 response to increased flooding and extreme rain events

19:38:13 **From Charlie** : If we eliminated CAFOs we dramatically lower CO2, CH4 and NOx and cease the ongoing contamination of our ground and surface waters. Two big wins for people and the environment.

19:38:27 **From Jill Mitchler** : For more info on a proposed federal Carbon Fee and Dividend solution, see www.energyinnovationact.org

19:38:40 **From Tim McCollow** : Reducing incentives for urban sprawl and new rules passed by realtor lobby threatening natural wetlands should be reversed.

19:38:40 **From Kerry** : Require climate change as a scientific topic in public schools. New Jersey just passed this.

19:39:27 **From Charlie** : Let's put a carbon fee on high net worth families who create disproportionate C emissions.

19:39:35 **From John December** : How can Wisconsin support land use development patterns that are proven to reduce carbon emissions, such as transit-oriented development and smaller-sized housing and car-free housing? How can NIMBY opposition be removed?

19:39:51 **From Tim McCollow** : thank you to all the presenters and organizers and the Climate action team for putting this on.

19:40:21 **From Rebecca Alwin** : I share Janice Penn's perspective that allowing Enbridge pipelines cross our state give no benefit to the people of WI. It is tarsands from Canada that will mostly be exported from the U.S.

19:40:32 **From Janice Penn** : Look at the new area of research on soil resiliency and the impact of climate-Jan Penn

19:43:03 **From William Sell** : also to John December. We are assessing land by incentivizing improvements, regardless of any issues of sustainability. The Henry George theory may work for us: Improvements to a property do not affect assessment. So folks who improve their property are not nicked (punished) for their investment.

19:43:08 **From Tim McCollow** : If CAFOs were doing their right thing, why do 10 WI counties have very significant groundwater issues?

19:44:41 **From Zach Bartscherer** : some additional resources from my colleagues at Pew: <https://www.pewtrusts.org/en/research-and-analysis/articles/2020/06/02/some-states-continue-with-flood-resilience-planning-despite-coronavirus-challenges>

19:45:18 **From Barbier, Dave** : I agree Teresa thanks

19:45:35 **From Tim McCollow** : A statewide, coordinated push for greater compost production fights climate change, creates green jobs, improves our soil and keeps waste out of landfills.

19:46:36 **From Kerry** : We have had problems with non compliant CAFOS in St. Croix County. No one wants to live by one of these.

19:46:39 **From Charlie** : The air emissions of CAFOs are not regulated. Cows are major GHG emitters just standing there.

19:47:07 **From Janice Penn** : Please look at the original definition and intent of state founders regarding the Public Trust Doctrine. Recent policies have impacted the ability of state officials and the scientists of the DNR to fulfill their responsibility to protection of our waters. Jan Penn

19:47:46 **From Tim McCollow** : And overturn the GOP-led bans on plastic bags, ban on mandating compostable takeout containers.

19:48:29 **From Ronald Zabler** : I want to Thank everyone for participating in this event. I also want to especially Thank the task force for allowing our voices to be heard.

19:49:03 **From Adam A** : I echo Teresa's concerns over single use plastics. I'm also worried about our clean water, especially in areas where fracking continues, and i'm worried about our groundwater near farms that use high amounts of nitrogen. Our church (I'm a Lutheran pastor) had to drill a deeper well this year because of high levelsof nitrates

19:49:32 **From Rebecca McKean** : Related to Teresa's comment on single-use plastics - would like to see the task force investigate undoing AB730, which restricts individual communities from placing bans on plastic bags and other single-use plastics.

19:50:15 **From Jill Mitchler** : and broadband access for climate resilience

19:50:48 **From Janie Riebe** : For another session, can I speak if I am using a phone since I do not have a camera or microphone?

19:52:19 **From Janice Penn** : Please post the sites to submit ideas

19:52:51 **From Matthew** : I would note caution related to electric shift from NG depending on application - water heating etc. would still be more efficient/cleaner.

19:52:58 **From Emma Champion To Staff - Wenona Wolf(privately)** : Jim is raising his hand physically.

19:52:59 **From Stacy Craig** : Thank you to everyone, again, for joining us tonight.

19:53:29 **From Kelly Kearns** : can you share the email or web link for comments?

19:54:28 **From Andrew Lewandowski** : Main website - go to comments section:
<https://climatechange.wi.gov/Pages/Home.aspx>

19:54:30 **From Janice Penn** : Good luck to folks on the Wolf River~

19:54:53

From Zach Bartscherer : thank you Wenona!

VIII. Closing

- a. Thank you for your time and your input to help us craft decisions that will take this State forward. Your input is what we need, and it will put us on the path to a more equitable and just State.
- b. Written comments are always appreciated online to <https://appengine.egov.com/apps/wi/climate/comments>
- c. The next listening session this Saturday, 12:00 - 2:00 PM and will include presentations on health and environmental justice. Watch social media for the links to log in. Please spread the word about upcoming listening sessions. Thanks again.