



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Meeting Minutes - Draft SUSTAINABLE DESIGN AND ENERGY COMMITTEE

Monday, October 17, 2011

4:00 PM

215 Martin Luther King, Jr. Blvd.
Room 300 (Madison Municipal Building)

1. CALL TO ORDER / ROLL CALL

Present: 11 -

Sam J. Breidenbach; Ald. Jill Johnson; Lucas K. Dailey; Christopher J. Laurent; Jesse J. Shields; David W. Drummond; Garrick R. Maine; Jeannette E. LeBoyer; Marc B. Kornblatt; Lou W. Host-Jablonski and Richard A. Heinemann

Excused: 2 -

Ald. Paul E. Skidmore and Richard J. Pearson

Others present: Jeanne Hoffman, Karl van Lith, Lance Green, Ted Petith, David Drummond, Michal Salach, Beth Tryon, Meredith Keller, Andrew Eckhart.

2. APPROVAL OF MINUTES

There were no minutes available and they were referred to the next meeting.

3. PUBLIC COMMENT - None

4. DISCLOSURES AND RECUSALS - None

5. NEW BUSINESS

6. [24263](#) Election of New Chair and Vice Chair

Dailey nominated Host-Jablonski for Chair and Kornblatt seconded the motion. The motion passed unanimously.

Host-Jablonski nominated Dailey for Vice Chair and Laurent seconded the nomination. The motion passed unanimously.

7. [24264](#) SummerGreen Presentations: Students Present on Summer Program in Freiburg

8. DISCUSSION ITEMS

9. [21481](#) To approve the Madison Sustainability Plan.

Attachments: [Sustainability Plan 02-22-11.pdf](#)
[Studies on Pesticides and Health.pdf](#)
[BID_SustainPlan_Input.pdf](#)
[Mikolajewski Sustainability Plan Comments 3-10-11.pdf](#)
[Sustainability Plan Memo-CDBG_03-31-11.pdf](#)
[Engineering comments](#)
[BID_SustainPlan_Input.pdf](#)
[Registration Statement Sustainable Design CDBG April.pdf](#)
[GMCOC Sustainability Plan Memo_04-11-11.pdf](#)
[Klafka Comments on Madison Sustainability Plan dated October 281nov10.p](#)
[Widstrand Comments.pdf](#)
[Planning Division Memo 042811.pdf](#)
[ped bike .pdf](#)
[SustainabilityReport042711.pdf](#)
[MyMemoonCitySustainPlan.docx](#)
[Green roofs requirement in Madison Sustainability Plan.htm](#)
[Madison Sustainability Plan.txt](#)
[sustainability plan for Union Corners.txt](#)
[Madison Food Systems.htm](#)
[Madison Sustainability Plan Comments 5-10-11.doc](#)
[MadisonSoilVolume.pdf](#)
[SDE_SWAC Meeting_110512.pdf](#)
[Sustainability Plan recommendations APPROVED 5 12 2011 by BOHMDC.p](#)
[Paul Abramson comments.pdf](#)
[Comments emailed2.pdf](#)
[Comments emailed3.pdf](#)
[Peak Oil.pdf](#)
[Peak Oil 2.pdf](#)
[Si Widstrand Comments.pdf](#)
[Comments emailed.pdf](#)
[DannaOlsenEmail.pdf](#)
[BIDSustainPlanInputUpdated.pdf](#)
[Sustainability pesticide .pdf](#)
[Sustainability Plan - DMI edits 6-8-11 pdf.pdf](#)
[Lance Green Comments 5-10-11.pdf](#)
[Water Utility Comments on the Madison Sustainability Plan.pdf](#)

Add "health" to definition of sustainability. (BOHMDC)

Add to Plan Structure and Overview section, not to definition. ".....with the goal of enhancing our community's health and quality of life." Also other spots as deemed appropriate by editor.

Consider adding Goal of directed toward improving community health. (BOHMDC)

Already incorporated into other goals—no action.

Add overarching, transformative vision statement that inspires. "Madison will be a self-reliant, peaceful community that relies on renewable, local resources and is able to adapt to changing environmental, social and economic conditions over time. It will be a beautiful place in harmony with the environment where life thrives." (Wisconsin Green Building Alliance-WGBA)

Change sustainability definition to: "Acknowledge the current and future needs

of natural communities and all life forms. Include human rights, economic justice and a culture of peace. (adapted from the Earth Charter—WGBA)

Goal 1: Improve air quality

Goal #1, add the following:

“...to eliminate air quality impairment days by 2030
(Wisconsin Green Building Alliance-WGBA)

Goal 2: Improve groundwater/drinking water quality.

Add PHMDC to first strategy and to partners section. (BOHMDC)

Done.

Goal #2, add the following:

“..to eliminate all toxins.” (WGBA edit)

Goal 3: Improve surface water quality

Add PHMDC to Agencies/ partner’s line. (BOHMDC)

OK

Add PHMDC to Agencies/partner line.

OK

Goal #3, add the following:

“... to pre-European settlement conditions. Achieve zero beach closings by 2030.” (WGBA edit)

Goal 4: Increase water conservation

Strategy 1 should read. “Reduce both residential and business/industrial water use by 20% by 2020.” (Citizen)

Goal #4, add the following:

“... and infiltration to replenish the aquifer by 20__ (year to be determined by an ecologically-based replenishment rate).” (WGBA edit)

Goal 5: Prevent solid waste from entering landfill

Goal #5, add the following:

Eliminate the concept of waste. Treat solid waste as a resource.
(WGBA edit)

Goal 6: Restore and maintain natural habitat

Goal #6, add the following:

“... to pre-European settlement conditions.” (WBA edit)

Add “physical activities” to Action 1. (BOHMDC)

OK

Goal 7: Improve storm water management

Goal #7, add the following:

“... to achieve zero discharge into surface waters by 2030.” (WGBA edit)

Goal 8: Reduce pesticide use - ADD

Add additional goal. (citizen)

Add following actions:

Follow established IPM (Integrated Pest Management) guides for responsible use of pesticides and continue to look for ways to reduce use. (Citizen & Parks edit)

Where appropriate, replace fertilizers from petro-chemicals with natural soil amendments, such as compost, fish meal and composted manure. (Citizen and Parks edit)

Planning and Design

Encourage, solicit & enlist citizen and public & private entity input & participation in each of the proposed actions for all four goals.

- Identify specific roles & responsibilities where needed.**
- Reference established programs (STAR Community Index, Living Building Challenge, 2030 Challenge, Sustainable Sites, etc.) that provide comprehensive tools for achieving sustainability and include measurable outcomes.**

Goal #1

Include “environmental cost” when evaluating transportations issues and choices. (WGBA edit)

Goal 3: Support sustainable

Goal #3

Target performance improvement and reuse of existing buildings as the highest priority when evaluating competing new building

construction proposals. (WGBA edit)

Add action: Create a web-based and printable City-wide Green Map showing locations of public and private sustainability products and services. (Citizen)

Transportation

(LPTPC) Add two additional goals:

Adopt a “fix it first” policy for road construction and maintenance. Maintain existing road infrastructure before adding lane miles or creating new roads. Consider “road diets” to calm traffic and provide a better environment for human powered transportation and decreases road costs.

Integrate modes to allow seamless switching between modes--bikes on buses-downtown multimodal station-Park and Ride-Pedestrian and bicycle links to bus routes.

Change Introduction: Focus on completely transforming our transportation system into a sustainable-based model instead of merely promoting and

supporting alternative choices. To achieve a sustainable transportation system, bicycles and transit should not be considered “alternative” in twenty years. Acknowledge declining fossil fuel supplies (peak oil) and the severity of climate change and how transportation contributes to it. (WGBA edit)

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Vision: Create a stronger vision than “promotion and provision of alternatives” by stating a vision that transforms our basic transportation systems into a predominately transit and zero-emission based system that drives higher density, pedestrian and transit-oriented development. (WGBA edit)

Goal 1: Implement Existing City...(page 25)

Consider adding mandatory bike helmet laws (Bicycle and Motorcycle) and enforcement. (BOHMDC)
No action

Add action: Elevate to a top tier priority clearing snow from curb cuts, sidewalks and bus stops. (PBMVC)
OK, but move to goal 2

Goal 2: Expand the number of NH.... (p 26)

Add action to goal 1—Revise and update the Pedestrian Plan. (LRTPC)

Approval of permits for building and new developments should include the existence of a public transit plan and timeline.

(PBMVC)

No action

Amend the percentage of trips to 20% for bus and 20% by bike by 2020. (Bus currently says 15%) (PBMVC)

Additional goal: Engage and educate public on sustainable transportation. (PBMVC)

Change TDM requirement for events to 1,000 people. (PBMVC)
TDM plans good idea, but hard to implement. Maybe state something about increasing the types/numbers of developments covered as infrastructure needed for TDM improves. Other ideas about TDM plans for # of homes or trips, etc. (LRTPC)

Requirement already modified to development of a checklist by SDEC.

Plan for and map major pedestrian and bicycle facilities in new developments. Make sure these are well integrated with existing and planned corridors in other parts of the city (esp. for bicycle network.) Planned and estimate time of completion for overcoming physical barriers. (mostly big roads.) (PBMVC) (LRTPC)

SRTS plans for any new schools. (PBMVC) (LRTPC)
Already in Goal 2 Education

Provide free bus passes for people in training. (PBMVC)

When siting social services, they need to be well served by transit. (PBMVC)
Already in Goal 4 Affordable Housing

Goal 2: Include all existing neighborhoods and commercial centers.
Change transportation, land-use planning and zoning policies and
requirements to make sustainable transportation mandatory for all newly
developed areas. (WGBA edits)

Goal 3: Increase sustainable transportation funding.....

Goal #3, add the following: "... to 90% of the total transportation budget by
2030." (WGBA edit)

Goals #5 and #6: Since these are not really goal statements move these to
action items. (WGBA edit)

Add Action: Make roads pay for themselves by considering a transportation
utility like the storm water utility to pay for roads.
(LRTPC)

Replace Metro 2-bike racks with 3-bike racks. (Citizen)

Goal 4: Establish uniform consistent evaluation... (p 24)

Add action: Assess non-motorized flow/traffic numbers, as well as motorized
traffic on major pedestrian/bicycle arterials and collectors. (PBMVC) (LRTPC)

Goal 5: Maximize use of alternative transportation infrastructure

Add action: Add Smart Trips-proactive, not just reactive. Current programs
focus on employers-mostly large employers. This would focus also on
residents and at the neighborhood level. (PBMVC) (LRTPC)

Smart Park and other actions already in Goal 3.

Add action: Develop TDM templates and suggestions for residential,
workplace and retail developments, as well as event planning. (PBMVC)
(LRTPC)

Already modified in Action 7 under Goal 2.

Goal 6: Foster better collaboration between.....

Action addition: Recommend a formalized system for better communication
and coordination between Long Range Transportation Planning Committee,
Transit and Parking Commission, Pedestrian/Bicycle/Motor Vehicle
Commission, ADA Transit sub-committee, SDEC, Plan Commission, Parking
Council for people with Disabilities and Board of Parks Commissioners by
with holding semi-annual joint planning meetings or by overlapping
membership. . (PBMVC) (LRTPC)

Involve commissions/committees early on in the process of regarding major transportation decisions as TIP and TDM policy. (LRTPC)

Encourage city employees to live in the city and ensure that neighborhoods, transit systems and affordability are conducive to city of Madison employees being able to live within the city.

Carbon and Energy

BOHMDC suggests adding or developing standard metrics for measuring how “green” city and county agencies are now and track improvements into future.
No action

(WGBA edits) Vision, add the following: “... achieving carbon reduction to net-zero by 2030. Our City government is transformed into a carbon neutral civic enterprise that inspires its constituents and the region.”

Goal 2: Systematically upgrade existing buildings, equipment and infrastructure

Goal #2: As the city “occupies over 3.7 million square feet of office and building space”, certifying one building per year to LEED-EB is a small effort.

Perform an assessment of all city owned facilities using a LEED scorecard to identify overall performance level.

View and employ LEED-EB as a management tool not just as a certification process.

The bullets 1, 7, 8, 10, and 12 are all covered under LEED-EB.

Seek and utilize efficiencies of scale for managing continuous improvement across many properties in a portfolio. It is inefficient and less beneficial to certify buildings sequentially one-by-one than to collectively certify and manage multiple similar facilities. The benefits are maximized when adjusting operations, adopting best practices and sharing the learning curve between multiple facilities.

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Add “to achieve net-zero by 2030 for all renovated facilities.”
(WGBA edits)

Goal 5: Obtain 25% of electricity, heating and transportation energy from clean energy sources by 2025.

Goal #5: Explicitly establish the benchmarking metric and tracking protocol to be used.

List current benchmark, numerical milestones and target in CO2 to attain this goal.

Can this challenge be expanded beyond only City operations to include the total population? (WGBA edits)

Goals #4 and #6: Since these are not really goal statements move these to

action items. (WGBA edits)

Economic Dev.

Goal 3: Increase market for green products/services. advantageous choice.
(WGBA edit)

Goal 5: Create sustainability index tool

Consider adding one or more health metrics to the sustainability index.
(Possibly using the County Health Ranking metrics developed at UW
Population Health Institute.) BOHMDC

Goal 6: Promote consumption of local food

Add PHMDC to agencies/partner line
OK

Employment and Workforce Development

Keep the green economy as a focus for development. This was the growing
segment of the Wisconsin economy that has now stalled. Businesses like
certainty and the ability to plan. Provide solid assurances of how programs
and priorities promoting sustainability will be permanent. (WGBA
comment-edit??)

Education

Goal 2: Support inclusive education

Add the following Action Item: Partner City & MMSD staff to develop, promote
& provide training in
systems thinking. (WGBA edit)

Goal 3: Help ensure sustainable school buildings

Add the following Action Item: City to incentivize MMSD to prioritize reuse and
performance improvement of existing school buildings and to promote infill as
opposed to building new schools. (WGBA edit)

Affordable Housing

Health Introduction

Vision: Improve human health by incorporating sustainability into the health
care system. (WGBA edit)

Encourage economic cost benefit considerations for all departments that
address negative health impacts from environmental degradation, lifestyle
choices, traffic hazards, etc.

Improve access to health services through proximity, walking, biking and
transit. (WGBA edits)

Goal 2: Monitor Community Health Conditions

Extend all Health goal Timeframes to read. "short-term and long-term". X-Team
PHMDC

OK

Change to "bi-annually..." X-Team PHMDC

OK

Arts, Design and Culture

Additional Goal: Develop, promote & provide training for Madison's public & private entities around the notion that sustainable design is the confluence of art & use, beauty and practicality, form & function. (WGBA edit)

10. **ANNOUNCEMENTS - None.**

11. **ADJOURNMENT**

Drummond left at 6:30 and the committee lost quorum.