U-M Campus Sustainability Integrated Assessment

A Graham Institute and Office of Campus Sustainability Partnership

Town hall Meeting
January 28, 2010
Establish broad goals and specific targets
Develop frameworks to guide sustainability
Identify potential demonstration projects
Educate U-M community on sustainability
Use campus as a sustainability lab
Report what we have learned
Integrated Assessment

Synthesis and analysis, for a specific issue, that Integrates:

- Stakeholder perspectives
- Multiple disciplines
- Policy contexts
- Causes, consequences, and potential solutions
Analysis Teams

Faculty-led teams

- Informed by Operations and other units
- Staffed with Students

Each *produces a comprehensive report* that:

- Considers stakeholder input
- Evaluates best practices both within and outside U-M
- Investigates emerging technology and policy issues
- Identifies key issues and opportunities
- Discusses strategic goals
- Provides guidance for implementation
# Team Summary

<table>
<thead>
<tr>
<th>Team</th>
<th>Faculty Lead</th>
<th>Focus Area Examples</th>
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<tr>
<td>Energy</td>
<td>Greg Keoleian</td>
<td>Wind/Solar, Biofuels, Efficiency, RECs</td>
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<tr>
<td>Water &amp; Land</td>
<td>Stan Jones/Joan Nassauer</td>
<td>Biodiversity, Storm/Wastewater, Maintenance, Fertilizer/Pesticide Use</td>
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<td>Food</td>
<td>Larissa Larsen</td>
<td>Local Sourcing, Organics, Nutrition, Composting</td>
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<td>Transportation</td>
<td>Jonathan Levine</td>
<td>Commuting, Campus Transit, Tele-commuting, Walk/Bike-ability</td>
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<td>Purchasing and Recycling</td>
<td>Olivier Jolliet</td>
<td>Equipment, Consumables, Toxicity, Reuse/Recycle/Disposal</td>
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<td>Culture</td>
<td>Bob Marans</td>
<td>Awareness, Understanding, Involvement Incentives, Commitment</td>
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Phase 1 (Winter 2010) “What and Why”

Each Analysis Team Will:

- Frame key issues/questions/opportunities
- Identify data needs
- Collect data and conduct analysis
- Identify general goals for U-M campus
The Integration Team (faculty, Graham, OCS):

- Identifies priorities from each report
- Drafts integration report
- Shares report with Executive Council
- Executive Council sets focus for Phase 2
Timeline (cont’d)

Phase 2 (Fall 2010) “How and When”

Each Analysis Team Will:

- Conduct detailed analysis for refined goals
- Estimate benefits and costs
- Provide technical implementation guidance
- Identify uncertainties
Early 2011

- Integration Team develops final document that synthesizes the reports of each analysis team.

- Final report will propose a set of cross-cutting campus sustainability goals that are practicable and informed by the campus.

- Final report is presented to the Environmental Sustainability Executive Council for endorsement.
Questions?

Comments?

Ideas?