Princeton Sustainability Committee Meeting
January 14, 2015

• Welcome & Introductions

• Group announcements

• Sustainability Planning
  - Brief history and progress to date
  - Alignment with relevant strategic planning processes
  - Sustainability 2.0 planning concepts and goal-setting framework
  - Timeline

• Next steps
SUSTAINABILITY PROGRAM HISTORY

2006: Sustainability Director Hired
2008: Sustainability Plan adopted
2009: First Progress Report
2010: First progress trends
2011: External Review
2012: Steering Council convened
2013: New Campus Plan
2014: Sustainability Plan 2.0
A Sustainability Plan for Princeton

3 original categories:

- Research, Education & Civic Engagement
- GHG Reduction
- Resource Conservation
Sustainability Progress Since 2008

Highlights of Sustainability at Princeton
Pathways to Leadership
November 2014

Princeton’s sixth annual report on sustainability demonstrates continued progress toward ambitious goals through the University’s strengths in teaching, collaborative research and operational innovation. The University continues to expand the demonstration of principled pathways to sustainability leadership through rigorous inquiry and endeavors that use the campus as a living laboratory.
Parallel Strategic Planning Efforts

- **University Strategic Planning**: Teaching & Research; Campus Life
- **Campus Planning**: Physical Campus
- **Sustainability 2.0**: Areas above + Food, Purchasing, Culture and Communications, and Engagement
Overall Strategic Planning Timeline

Release of University Strategic Plan

Winter 2016

Release of Campus & Sustainability Plans

Fall 2016

Sustainability 2.0: Integration and alignment with planning efforts
Alignment with Campus Planning
Key to Consultants:
USI: Urban Strategies
VHB: Vanasse Hangen Brustlin
Level: Level Infrastructure
B&McD: Burns & McDonnell
Multiple Facets of Sustainability Plan

Overlap with Campus Plan

- Energy Systems
- Transport
- Landscape & Stormwater
- Buildings
- Research & Education
- Campus as Lab
- Waste
- Water
- Food Systems
- Metrics & Data
- Procurement
- Engagement
- Communications

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- Communications
Proposed Collective Impact Areas

- Energy
- Water
- Land
- Waste
<table>
<thead>
<tr>
<th>Focus</th>
<th>Operational Area</th>
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| Energy | • Energy/Central plant  
         | • Buildings  
         | • Transportation |
| Water  | • Energy/Central plant  
         | • Buildings  
         | • Landscape  
         | • Athletics |
| Land   | • Buildings  
         | • Transportation  
         | • Landscape  
         | • Athletics  
         | • Stormwater |
| Waste  | • Purchasing  
         | • Buildings (construction)  
         | • Landscape and Food (organic waste) |
Proposed Collective Impact Areas

Energy

- Relevant regional impacts: GHG emissions; local air quality

- Relevant operational areas: Energy/Central plant; Buildings; Transportation

- Potential key performance indicators: GHG emission quantity; air quality
Proposed Collective Impact Areas

Water

- Relevant regional impact: usage

- Relevant operational areas: Energy/Central plant; Buildings; Landscape; Athletics

- Potential key performance indicators: water quantity
Proposed Collective Impact Areas

Land

-Relevant regional impacts: habitat; downstream water quality

-Relevant operational areas: Buildings; Transportation; Landscape; Athletics; Stormwater

-Potential key performance indicators: % of natural habitat; % of pervious surfaces and/or downstream water quality and/or stormwater quantity
Proposed Collective Impact Areas

Waste

- Relevant regional impact: GHG emissions, land-use
- Relevant operational areas: Purchasing; Buildings (construction); Landscape and Food (organic waste)
- Potential key performance indicators: quantity of waste by type
Direction for Sustainability 2.0 Goal-Setting:
Core Objectives & Core Concepts
Sustainability 2.0 Objectives

- Setting goals based on meaningful regional/global impact
- Integrating ‘Return on environment’
- Using the campus as lab
- Ensuring that all students understand sustainability principles
Sustainability 2.0: Core Concepts

Sustainability Principles:

• Princeton’s most meaningful global contributions will come from its research, educating its students, and the leadership of its graduates.

• Sustainability goal setting is informed by methodical, science-based, and multi-perspective analyses.

• Near-term (2-10 yr) sustainability goals “stretch” beyond those that are currently achievable, and exist within a visionary, aspirational framework.
Sustainability 2.0: Core Concepts

Sustainability Principles (cont.):

• Planning and development related to the physical campus have sustainability as a core priority.

• Holistic benefits (educational, cultural, research) as well as financial.

• Princeton carbon emission reductions produce results that are “additional” to regulatory or market driven reductions.
Sustainability 2.0: Core Concepts

Sustainability Principles (cont.):

• Princeton fosters community-wide awareness and action and is an exemplar of repeatable best practices for other institutions.

• Princeton is committed to a “campus as a living laboratory” approach.
Ex. 2.0 Vision for Campus as Lab

Objective: Transform Knowledge, Attitudes and Behaviors. Demonstrate Impact.
Proposed Process & Timeline

**Operational Areas:** Align with Campus Planning efforts in overlapping areas.

**Spring 2015**
- reframe existing priority areas into collective impact areas
- review current goals and progress; confirm or identify boundaries
- identify additional research opportunities needed to reset goals
- for areas with completed research, reset short and long-term goals and identify funding needs for implementation

**Summer 2015**
- conduct additional research

**Fall 2015**
- reset remaining short- and long-term goals and identify funding needs
Proposed Process & Timeline

Additional Planning Areas: Align with University Strategic Planning efforts and carry out additional planning

Spring-Fall 2015
- Align with University Strategic Planning efforts (Teaching and Research; Campus Life)

Spring 2015-Spring 2016
- Carry out planning for additional areas (Food, Purchasing, Culture and Communications; Engagement)
Proposed Process & Timeline

Sustainability Plan Publication:

*Summer/Fall 2016*

- Compile/review Plan
- Publish Plan
Next steps

- **OoS will schedule collective Working Group meetings**

- **Overall upcoming meetings schedule:**
  - 1/23 Campus Planning Sustainability Workshop
  - 2/4 Sustainability Leadership Group meeting
  - 2/11 Sustainability Committee meeting
  - 3/3 Senior Steering Council meeting
  - 3/11 Sustainability Committee meeting
  - 3/29 Trustee Committee meeting
  - 4/8 Sustainability Committee meeting
  - 5/6 Sustainability Committee meeting