THE NEW SCHOOL VISION FOR CLIMATE ACTION

As a leader in the transformation of the climate discussion, become the model for designing scalable and transferable solutions to create a better, more resilient and more equitable future
A DIFFERENTIATING APPROACH

Our Mission and Vision

 Use design and social research to address the issues of our time

Our Location

 NYC: urban and iconic

Our Values and Ethos

 Social engagement and social justice
CLIMATE ACTION PLAN

- WHAT – Areas of Focus:
  - Teaching, Research and Community Engagement
  - Physical Plant, Operations and Investment

- HOW – Measurements of Success:
  - 5-Year Goals
  - Progress to Date
  - Next Steps for 2015
TEACHING, RESEARCH, COMMUNITY ENGAGEMENT
ACADEMIC PLAN
Design and social research

5-Year Goals
• Curriculum – Student/Faculty
• Project 14K
  • Multiyear project
  • Impact on energy, water, food, waste and lifestyle within TNS
• Tishman Environment and Design Center (TEDC)

Measuring Success
• Every student is educated in climate and participates in climate service
PROGRESS TO DATE
MISSION

Building Product Ecosystems is a collaboration initiated by The Durst Organization, in partnership with The New School and The City University of New York, to optimize the health and transparency of construction product ecosystems through material research and innovation, process improvements, policy/code evolution, and accessible education.

FOUNDING PARTNERS

Duncan Foley and Lance Taylor Receive the Leontief Prize

We are excited to announce that SCEPA Economists and New School Professors Duncan Foley and Lance Taylor will be honored with the 2015 Leontief Prize for their research in understanding the relationship between macroeconomics and environmental quality. Their work makes up SCEPA’s project on Sustainable Growth, generously sponsored by the Institute for New Economic Thinking (INET).
The Tishman Environment and Design Center (TEDC) fosters integration of bold design, policy and social justice approaches to environmental issues to advance just, sustainable outcomes.
PHYSICAL PLANT, OPERATIONS AND INVESTMENT
PHYSICAL PLANT: 5-YEAR GOAL

Become a model for how large urban institutions use facilities to address major issues of climate change

- Develop Investment and Infrastructure plan
- Participate and raise awareness in our community
- Set clear and measureable objectives for implementation
  - Solid waste disposal, water and energy usage reduction
PHYSICAL PLANT: PROGRESS TO-DATE

- Carbon footprint among lowest in NYC higher ed institutions
- 100% of electrical consumption offset by alternative energy credits
- >$300k savings in energy costs over the past 3 years
- 20% reduction in electrical costs and consumption/sq ft.

THE NEW SCHOOL
Electricity Cost Per Square Foot

Cost Per Sq. Ft (in dollars)

Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4

FY 2012 | FY 2013 | FY 2014

Electrical Consumption Per Square Foot

kW Consumption (Per Sq. Ft)

Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4

FY 2012 | FY 2013 | FY 2014
Water Usage

Annual Consumption
(in gallons)

25,000,000
20,000,000
15,000,000
10,000,000
5,000,000

E-Waste Recycling

- Designated as e-Stewards® Enterprise
- First for an educational institution in the Northeast

Recycled Electronics (in lbs.)

- 2011
- 2012
- 2013
- 2014
Sustainability is a core value at The New School and is an essential feature of the University Center.

With a U.S. Green Building Council LEED rating of Gold, the University Center has helped set the New York City standard for green technology and building practices.

The building serves as a teaching tool for New School academic programs in architecture and design, environmental studies, and sustainability management.
OPERATIONS: 5-YEAR GOALS
Paper usage

Annual Savings

- 1,500+ million BTUs = energy consumption by 17 U.S. homes
- 250,000+ lbs. CO\(^2\) = removing 23 cars from the road
- 840,000+ gallons of waste water = 2 Olympic-sized pools

Paper Consumed Annually

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<tr>
<th>Millions of Sheets</th>
<th>2009</th>
<th>2014 (projected)</th>
<th>2019 (target)</th>
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OPERATIONS: PROGRESS TO DATE

Paper usage

- Migrated from virgin paper to post-consumer content
  - 30% in 2008
  - 100% in 2009

- Converted single-page printers to duplex

- Adopted campus-wide system for measuring print volume

- Uses 370+ tons less wood — about 2,400 trees/year

- 30% reduction in overall usage

- Volume savings more than offset cost premium for 100% PCC paper
OPERATIONS: NEXT STEPS

Paper usage

Graduate Admission Paper Files
OPERATIONS: 5-YEAR GOALS
Dining

- Provide farm-to-table food that promotes the health of our students and employees, our community and our planet
- Drive impact through innovation in serving 24,000 meals each week
- Create scalable, replicable model for sustainable urban food consumption
OPERATIONS: PROGRESS TO-DATE

• Sourcing:
  • Natural supply chain, e.g., 45 sustainable small-scale farms in the Hudson Valley
  • All meat and poultry is humane, antibiotic and hormone free, sourced within 100 miles

• Manage and reduce all waste streams:
  • No bottled water
  • Reduced packaging
  • Compostable consumables
OPERATIONS: PROGRESS TO-DATE

Calculate compliance using 4 measured parameters:

- Community Based
- Within 150 miles
- Ecologically Sound Certified organic, etc.
- Fair Labor practices
- Humane Treatment of livestock

Student-led movement
OPERATIONS: PROGRESS TO-DATE

Percentage of Procurement Meeting "Real Food" Parameters

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<th>Month</th>
<th>Percentage</th>
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<td>September 2012</td>
<td>5%</td>
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<tr>
<td>August 2013</td>
<td>10%</td>
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<td>September 2013</td>
<td>20%</td>
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<td>October 2013</td>
<td>25%</td>
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<td>November 2013</td>
<td>30%</td>
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<tr>
<td>December 2013</td>
<td>35%</td>
</tr>
<tr>
<td>January 2014</td>
<td>40%</td>
</tr>
<tr>
<td>February 2014</td>
<td>45%</td>
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Target 20%
OPERATIONS: NEXT STEPS

- Become signatory to Real Food Challenge

- Establish students/faculty/staff working group to develop new rubric for dining sustainability
  - More robust than RFC
  - More transparent
  - Quantitative metric with explicit link to climate change, e.g. “Carbon Footprint”
“The leadership ...of the New School will have great impact, and will be followed closely by others. Decisions like yours will change the food system... and provide the foundation for a new, sustainable, healthier system....on behalf of all of the farmers I work with, thank you for leading the way.”

– Paul Alward, Farmer & Co-Founder, Hudson Valley Harvest
INVESTMENT: 5-YEAR GOALS

- Implement Climate Action Investment Plan, per Investment Committee recommendation
INVESTMENT: PROGRESS TO-DATE

Endowment Exposure to Fossil Fuels

- January 2009: 3.0%
- January 2014: 1.4%
- January 2015: 0.9%
INVESTMENT: NEXT STEPS

- Commit to regular review of fossil fuel holdings
- Divest of all securities related to coal and tar sands held by direct managers
- Expand portfolio screening from 200 to 9000 companies
- Evaluate utility of metric developed by the ACIR: “Carbon Emission Intensity of Endowment”
CLIMATE ACTION PLAN OVERVIEW

- Unique topic for broad collaboration
  - Many disciplines
  - Academic and operational
  - Students, faculty and staff
  - Within and around the university

- **Opportunity** to define an area of distinction

- **Issue** of our time; particular resonance with students and prospective students
Appendix
PHYSICAL PLANT: NEXT STEPS

- 72 Fifth Ave Boiler
- Water Reduction Throughout Campus
- LED Lighting In Upcoming Mannes Work
DINING
Progress to date
NEXT STEPS

2015

- Document Management: Digitize paper-based processes
  - Admission, Registrar, Development, Alumni Relations, Board
- E-procurement will enable better usage tracking; eliminate need for paper invoices

2016-19

- Workday HR and Finance system will eliminate paper forms for most processes
- Document management rollout to additional depts.
  - Financial Aid, Student Accounts, Advising, Others
INVESTMENT: PROGRESS TO-DATE

- Established Advisory Committee on Investment Responsibility
- Screened portfolio to identify endowment holdings via Carbon Tracker Initiative
- Discussed divestment and climate action with investment managers