BABSON IS COMMITTED TO BEING CLIMATE NEUTRAL BY 2050
MAKING AN IMPACT
BY MAKING LESS OF ONE
Babson College’s mission is to educate entrepreneurial leaders who create great economic and social value—everywhere. We work to expand the notion of entrepreneurship to embrace and celebrate entrepreneurs of all kinds. We want to put the power of entrepreneurship as a force for economic and social value creation in as many hands in the world as we can.

Five years ago, we opened the doors to our Sustainability Office following the College’s decision to sign the American College & University Presidents’ Climate Commitment in 2008, initiating our journey toward climate neutrality by 2050. In this time, Babson has transformed our culture into one that thinks and acts on sustainability.

Examples of Babson’s growing commitment to sustainability are evident at all levels of the institution, from campus operations to teaching and research. Just this year for example, Babson achieved a Gold rating under the Sustainability Tracking, Assessment & Rating System (STARS), which provides a comprehensive assessment of our sustainability performance. As part of our commitment to the Principles for Responsible Management Education, we’ve also formalized our approach to teaching Social, Environmental, Economic Responsibility, and Sustainability (SEERS) as a core part of Entrepreneurial Thought and Action.

Though we have accomplished much during these past five years, there is still work to be done. Please join me in deepening our commitment to modeling the way for colleges and universities to adopt an inclusive and caring culture of sustainability.

KERRY HEALEY
President, Babson College
SUSTAINABILITY AT BABSON
A 5-YEAR TIMELINE

IN THE BEGINNING

PRE-2010

EARLY 2000s
» Start of first lighting retrofit program for energy efficiency
» Implementation of Stormwater Management Plan

2006
» First Babson Energy & Environmental Conference

2007
» Start of recycling program
» Mandell Family Hall built to LEED Silver standards

2008
» Signing of the American College & University Presidents’ Climate Commitment (ACUPCC), with a goal of climate neutrality by 2050

2010
Establishment of Sustainability Office and Eco-Reps program
Began partnership with GreenerU to elevate sustainability efforts on campus
Development of SEERS program
Establishment of The Lewis Institute

2011
Silver rating in our first Association for the Advancement of Sustainability in Higher Education (AASHE) STARS submission, and repeated in 2012
Publication of first Sustainability and Climate Action Plan
Creation of Babson sustainability identity
Installation of first six water-bottle filling stations (today: 16)

Installation of electric vehicle charging station

Start of post-consumer composting in Reynolds Campus Center

Organization of our 5th annual tree planting

Establishment of the Kaplan Sustainability Award

Launch of composting in Trim Dining Hall

Attainment of STARS Gold in our third AASHE STARS submission

Through our partnership with Pepsi, Babson Athletics equips every student-athlete with a reusable water bottle—slashing our need for paper cups and bottled water.

— JOSH MACARTHUR, ATHLETICS DIRECTOR
2014–2015
YEAR IN REVIEW
To complete an emissions inventory, we input information on activities from across Babson into the Campus Carbon Calculator. This tool uses emissions factors and local data to calculate Babson's greenhouse gas (GHG) emissions, which are expressed in metric tonnes of CO₂ equivalent, or CO₂e.

As an American College and University Presidents’ Climate Commitment (ACUPCC) signatory, Babson College is committed to publicly reporting its annual greenhouse gas (GHG) emissions and becoming climate neutral by 2050.

Our goal for turf and lawn management is to meet the high expectations of the Babson community in the most sustainable manner. To accomplish this, we have been cultivating the edaphic environment with bio-stimulants to increase microbial activity in the soils, and replacing petro-chemical fertilizer with organically sourced fertilizer. This has cut our synthetic fertilizer use by 50%.

— ERIK SHAW, SUPERVISOR OF GROUNDS

### GHG EMISSIONS REDUCTIONS OVER TIME

<table>
<thead>
<tr>
<th>Year</th>
<th>Emissions</th>
<th>Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>24,207.6 metric tonnes of CO₂ equivalent</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>15,684.3 metric tonnes of CO₂ equivalent</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>35% REDUCTION</strong></td>
<td></td>
</tr>
</tbody>
</table>
### Direct Emissions (Scope 1)

- **Heating Fuels:** Investment in energy efficiency equipment such as boilers, combined with the conversion of the majority of campus from fuel oil to natural gas, has reduced GHGs from this source.

- **Campus Fleet:** Increased consumption of diesel and gasoline has increased GHGs from campus vehicles.

- **Refrigerants:** Use of lower impact chemicals has cut the emissions from refrigerants by two-thirds.

- **Fertilizer:** Transitioning from synthetic to organic fertilizers has reduced their emissions by one-third.

### Indirect Emissions from Electricity (Scope 2)

- **Electricity:** Modest reductions in electricity use have been amplified by the changing New England electricity grid. As coal- and oil-fired power plants have retired, they have been replaced with less dirty natural gas-fired power plants and with clean renewables. Additionally, Babson has partnered with its utility to purchase 5% of its electricity from a regional wind farm.

  Together, these changes have reduced the impact of Babson’s electricity use by more than half.

### Other Indirect Emissions (Scope 3)

- **Commuting:** Changing commuting patterns and increased fuel economy likely reduced emissions from commuting.

- **Air travel:** A reduction in the miles traveled for College business cut emissions from air travel.

- **Paper:** Reduction in paper consumption and increased use of recycled paper has lowered our emissions from paper.

- **Wastewater:** An increase in campus water use resulted in more emissions from wastewater treatment.
At Babson, we pride ourselves on reducing our energy use. With 67 buildings over a 361-acre campus, our college is on track to achieve our GHG reduction goal of climate neutrality by 2050 and is already more than 35 percent of the way there.

Babson’s Energy Task Force was formed to help plan for Babson’s long-term energy needs. The task force reviews both campus infrastructure and capacity, as well as the application of renewable energy sources on campus. It includes representatives from Facilities, Capital Projects, and the Sustainability Office.

April 9, 2015, marked the ninth annual Babson Energy & Environmental Club (BEEC) Conference, with featured speakers Amory Levins, chief scientist and chairman emeritus of the Rocky Mountain Institute, and George Bachrach, president of the Environmental League of Massachusetts. This year’s theme was “Harnessing Entrepreneurial Energy.”

Babson is proactively planning for energy preparedness to help make our campus resilient in the face of a changing climate.

» Babson moved into our second year sourcing wind power for 5 percent of our electricity from the Spruce Mountain Wind Farm in Maine.

» Campuswide water fixture retrofits reduce water heating energy use in bathrooms and kitchens.

» Park Manor West utilizes solar energy to supply electricity and hot water.

» Babson is utilizing LEDs across campus, including a majority of our outdoor lighting, five solar-powered LED lights, indoor lighting at Hollister, and pilot experiments in elevators.

---

### ENERGY REDUCTIONS OVER TIME

<table>
<thead>
<tr>
<th>Year</th>
<th>Energy Consumed</th>
<th>Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>280,857.9 MMBtu</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>260,352.2 MMBtu</td>
<td>7.3%</td>
</tr>
</tbody>
</table>

All new buildings at Babson are built to LEED Silver standards.
Each year Babson strives to discover new ways to reduce, reuse, and recycle more, all while wasting less. In 2014–2015, we amplified that effort with the introduction of improved methods.

» New zero waste stations and an e-waste bin were installed in and around the Sustainability Office. Two other e-waste stations were also installed in Olin Hall and Horn Library.

» Water bottle filling stations have saved more than 352,521 disposable bottles to date.

» Since fall 2014, Reynolds Campus Center has offered post-consumer composting to complement its recycling collection.

» Delta Sigma Pi won the 2014 Zero Waste Challenge, which included 229 participants campuswide.

» In 2014, Babson expanded our pre-consumer composting program from Trim Dining Hall to include Reynolds Campus Center and Olin Hall. The waste is collected by a local hauler and brought to a regional farm to be composted.

» Three offices piloted a food waste collection program.
ENGAGEMENT

From campus events to international programs, engagement is a core part of the Babson experience. Together, our students, faculty, and staff connect to create social impact that helps to define not only our campus, but also our local and global communities.

On September 12, 2014, the Sustainability Office, The Lewis Institute, and Glavin Office proudly hosted the fifth From Day One Fest, an annual marketplace of social and environmental innovation designed to engage and connect students, alumni, and community businesses in making a difference at Babson and in the community “From Day One”.

The 2014 Community Learning Day provided an opportunity for faculty and staff to take peer-taught courses such as Lifehacking for Sustainability, Recipe Rehab, Yoga in Your Office, and much more.

Food Sol’s fourth annual Food Day gathered the Babson community with a theme of “eater entrepreneurship” to share meals, resolve to update their plates and purchases, and push for improved food policies. Babson Entrepreneurs in Residence Andrew Zimmerman and Gail Simmons hosted the 2014 event that brought in more than 1,000 students, staff, and faculty.

PROFILE HIGHLIGHT: Danielle Krcmar (pictured right), community garden manager and Artist in Residence, uses both her work and the work of others to communicate all forms of sustainability.

» The community garden celebrates its fifth anniversary and Community Supported Agriculture (CSA) celebrates its second year on campus.

» The Sustainability Office provided presentations on campus sustainability to four departments and 15 First-Year Seminar classes.

» To reflect the growth in sustainability, the Sustainability Leadership Team launched a new mission and vision for its next chapter.

» Steve Tolley and Vikki Rodgers are the first recipients of the Kaplan Sustainability Award. The award was created to honor Shelley Kaplan, who led the development of Babson’s sustainability program, creating significant environmental, social, and economic value for our campus.

— NIK BEISERT, ’11

My favorite memory was the Earth Day festival with Jamie Kent’s band playing live, awesome sustainably farmed food, and a close to zero-waste event.
The face of transportation is constantly changing at Babson. With the high walkability of our campus and the installation of electric vehicle (EV) charging stations, we encourage our community to choose low-impact transportation options.

Our EV charging station in Knight Lot encourages driver use with its free charging.

The intercampus shuttle helps connect students between Babson, Wellesley College, and Olin College of Engineering, and facilitates the Tri-Campus Sustainability Certificate.

In partnership with the Babson Marketing Team, the Sustainability office has amplified Babson's message on sustainability. Promoting a collaborative and impactful community, communication around sustainability increases Babson’s economic and social value while growing the next generation of entrepreneurs focused on social impact.

» The Sustainability Office launched its newly designed monthly newsletter to its readers. Visit the Sustainability at Babson webpage to sign up!

» The sustainability website was redesigned.

» Social media accounts were redesigned to match Babson brand standards. Like and tweet with us at BabsonSustainability on Facebook and @BabsonSustain on Twitter.
Babson faculty have been integrating Social, Environmental, Economic Responsibility, and Sustainability (SEERS) into curricula for Foundation courses as well as upper-level courses.

As a core principle of Babson’s academic curriculum and research focus, sustainability has elevated Babson’s entrepreneurial vision for its students, faculty, and staff.

**50** Sustainability-related courses offered

**25%** of the College’s faculty are engaged in sustainability research

**8/10** Academic divisions are engaged in sustainability research

**PROFILE HIGHLIGHT:** Vikki Rodgers, associate professor of environmental science

Dr. Rodgers joined Babson College in September 2007 and currently teaches Environmental Technology; Economic Botany; Case Studies in Ecological Management; and Ecotourism, Biodiversity, and Conservation Policy in Costa Rica.

Each year, Babson graduates take part in the Graduation Pledge—pledging to become a part of a global community of responsible citizens who are committed to improving society and the environment through the workplace. Signatories wear a pledge ribbon on their gowns during graduation.

**2 PATHS FOR SUSTAINABILITY EDUCATION**

» Tri-Campus Sustainability Certificate

» Environmental Sustainability Concentration
SUSTAINABILITY OF ALL KINDS

Sustainability is a community effort. The role of the Sustainability Office is to support and connect leaders from all parts of Babson. Together, Babson strives to create a diverse impact on addressing real-world issues.

» The Lewis Institute: The team at the Lewis Institute illuminates a path for students, faculty, and corporate partners seeking entry into the field of social innovation. Every Friday, the Institute hosts Good Business Fridays, an open discussion on creating and maintaining a business in today's world.

» Diversity Team: The mission of the team, made up of advocates from across campus, is to create “a diverse, multicultural and inclusive community of highly talented students, faculty, and staff characterized by respect, understanding, and appreciation of the uniqueness and value of all people.”

» Facilities Management: Facilities Management has quietly led sustainability efforts at Babson for over a decade. By implementing energy efficiency measures across campus, the team has created a more sustainable built environment complemented by beautiful grounds that feature native plants.

PROFILE HIGHLIGHT: This identity is used across campus to designate sustainable practices.
SUSTAINABILITY OF ALL KINDS

PROFILE HIGHLIGHT: Babson Energy & Environmental Club (BEEC)

The BEEC is a group of students committed to entrepreneurship for sustainability, with a special focus on the energy industry. Each year, the BEEC hosts a conference to bring together inspiring industry leaders, students, and faculty.

PROFILE HIGHLIGHT: Luis Carrion, manager, Building Services and Events Support

Having recently joined the Babson team, Carrion is introducing new green cleaning practices in the residence halls. These new cleaning techniques, combined with the use of more environmentally friendly cleaning products, are reducing the college’s water and chemical use. Thanks to Carrion, the momentum around green cleaning is growing!

» Health and Wellness: Fueled by a goal to help Babson students feel safe, be well, and live healthily, Babson’s health educator leads student peer educators to offer health and wellness support to the campus community.

» The Center for Women’s Entrepreneurial Leadership (CWEL): The Center inspires and empowers women entrepreneurial leaders to reach their full potential to create economic and social value for themselves, their organizations, and society. This year, CWEL hosted a TED Talk-style event on Disrupting the Status Quo.
SUSTAINABILITY BY THE NUMBERS

30 tons of food waste diverted annually to be composted at local farms

35 percentage Babson has reduced our carbon footprint during the past 10 years

90 percentage of Babson staff in a recent survey who believe sustainability is a central value at Babson

0 amount of waste Babson strives for at our annual events through recycling and composting

2050 year that Babson has pledged to be climate neutral

2 number of Babson community members who received the inaugural Kaplan Sustainability Award
MISSION STATEMENT / The mission of the Sustainability Leadership Team is to guide the integration of sustainability into Babson’s core values and to build awareness of the impacts that personal and organizational decisions have on the environment and society.

VISION / Babson College will uphold Social, Environmental, Economic Responsibility, and Sustainability (SEERS) as a core principle of Entrepreneurial Thought and Action® (ETA).

LEADING THE WAY

From left to right:
Dallase Scott, Sustainability Office
Mary Rose, Campus and Community Affairs
Alex Davis, Sustainability Office
Melissa Grove, Student Activities and Leadership
Rachel Greenberger, Food Sol
Vikki Rodgers, Math and Science

Aaron Ladd, Facilities Management
Teresa Pitaro, Budget and Procurement Services
Steve Tolley, Facilities Management
Donna Bonaparte, Human Resources

Thanks to the work and support of the Babson community, we’ve come a long way in our journey toward a sustainable campus and society. However, we still have much to accomplish.

Sustainability is an all hands effort, and as a community of socially-minded entrepreneurs, Babson is uniquely positioned to lead on this issue. Let’s show the world what we have to offer.

— Sustainability Leadership Team
BABSON IS ANSWERING THE CRITICAL NEED FOR ENTREPRENEURSHIP OF ALL KINDS TO RESHAPE OUR WORLD.
VISIT US IN REYNOLDS CAMPUS CENTER

BABSONSUSTAINABILITY

@BABSONSUSTAIN