

Environmental Philosophy

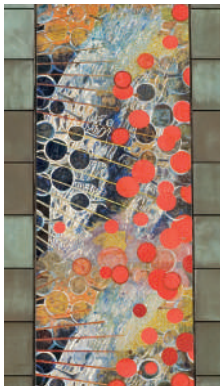


NEW ENGLAND
BioLabs[®] Inc.

be INSPIRED
drive DISCOVERY
stay GENUINE



A History of Sustainability Practices at NEB®



1975

The first NEB catalog is printed using 100% recycled paper



1976

NEB initiates a shipping box recycling program

1982

The NEB Foundation supports environmental awareness, education, health, and the arts



1984

Geothermal energy heats and cools the indoor garden at NEB

1987

Freezer program is established, saving both shipping costs and energy use



1987

Water-cooled refrigeration is installed to decrease air conditioning use

1988

Company-wide, incandescent bulbs are replaced with fluorescent bulbs



1989

On campus bottle and can recycling program is established

1992

NEB's recycling program includes paper, plastic, expanded polystyrene, glass and aluminum, as well as batteries and electronics



1993

High-efficiency pumps are installed for the chiller systems, cutting amperage by >30%

1994

Conversion of refrigerators and freezers to CFC-free models



1996

NEB SUPPORTS the Mangrove Action Project in preserving mangrove ecosystems for local community land usage



1996

NEB SUPPORTS the Center for Marine Conservation in protecting ocean environments and the global abundance and diversity of marine life



1998

NEB SUPPORTS the Sustainable Ecosystems Institute, dedicated to finding science-based and cooperative solutions to environmental issues

NEB Facility

NEB's modern 140,000 square foot research and production facility is LEED® certified (Leadership in Energy and Environmental Design). This is a distinction given based on a suite of environmentally-focused standards that include: site sustainability, water efficiency, energy conservation and atmospheric protection, choice of building materials and resources, indoor environmental quality, innovation, and building design. In 2009, NEB also received a sustainable design award from the Boston Society of Architects for the design of our state-of-the-art laboratory facility.

Most prominent in our conservation efforts is our Solar Aquatics System®. This modular system treats the campus' wastewater making it clean enough for reuse or for ground water recharge. This wastewater treatment plant has the ability to treat up to 48,000 gallons per day.

In 2017, NEB installed a series of solar panels that have the capacity to generate 11% of the electricity used onsite.

Business Processes

NEB established its shipping box recycling program in 1976, diverting cardboard and polystyrene from landfills. More recently, NEB introduced the ClimaCell® cooler, as an alternative to expanded polystyrene (EPS) packaging. This 100% recyclable solution for cold chain shipping was developed by TemperPack®. In 1987, NEB established its first freezer program, consolidating product shipments.

All publications, including manuals, datacards and marketing materials are printed on recycled paper using soy-based inks. In addition, the NEB Catalog Reference is printed on 30% post-consumer Forest Stewardship Council® (FSC) certified, recycled paper, and was the first CarbonNeutral®-certified catalog produced in the U.S.

NEB has an extensive in-house recycling program for many products, including paper, plastics, expanded polystyrene, glass, aluminum, batteries and electronics. NEB also composts its cafeteria waste, diverting as much as 85% of this waste away from incineration. No waste generated at NEB enters a landfill.

1998

NEB SUPPORTS

the Marine Conservation Biology Institute in advancing multidisciplinary marine conservation biology

2000

The addition of chillers to the fermentation process saves 6,000 gallons of water per day



2002

NEB SUPPORTS

Idea Wild, who work with environmental leaders to preserve the Earth's biodiversity



2004

On-site microbial water treatment facility processes all of the campus' wastewater

2005

NEB SUPPORTS

Trees, Water & People, who help communities protect, conserve and manage their natural resources



2006

An education campaign protects nesting female Eastern Painted Turtles and Snapping Turtles at the NEB campus



2007

NEB SUPPORTS

Agua Para la Vida in helping rural Nicaraguan communities build their own drinking water and sanitation systems

2007

NEB receives LEED® Green Building Certification – the highest standard for green practices



2007

NEB's van pool is established



2008

Lunchroom composting begins. Nearly 3.5 tons of compostables are collected each month

2008

The Ocean Genome Legacy explores and preserves the biological diversity of the sea

OCEAN
GENOME
LEGACY

2009

MassRecycle recognizes NEB's outstanding contributions to recycling with the "Green Binnie" award

2009

NEB achieves ISO 14001 certification – a standard for environmental management systems



2009

NEB receives a Sustainable Design Award from the Boston Society of Architects for the ecologically mindful design of its headquarters

2012

NEB achieves ISO 13485 certification – a standard for quality management systems



Global Conservation & Awareness

For almost 50 years, NEB has supported organizations that promote and support environmental stewardship. For over three decades, the NEB Catalog and Technical Reference has been a resource for scientists around the world. Each edition of the catalog contains minireviews that raise awareness of the impact we have on the environment. In addition, with the release of each catalog, NEB offers financial support to non-profit organizations that promote environmental awareness.

In 2019, NEB partnered with Reforest the Tropics to plant 100 hectares of forest to offset emissions generated by NEB's headquarters.

The New England Biolabs Foundation (NEBF), a private foundation established in 1982, fosters community-based conservation of landscapes and seascapes, and the biocultural diversity found in these places. For more information, please visit www.nebf.org.

The Ocean Genome Legacy Center of New England Biolabs, located at Northeastern University's Marine Science Center in Nahant, MA, USA, promotes conservation of marine genomic diversity by creating and maintaining a repository of genomic DNA from marine organisms around the world. For more information, please visit www.neu.edu/ogl.

NEB also supports local environmental initiatives through our corporate donations program, which contributes to a variety of non-profit organizations.

For more information, please visit www.neb.com/environmentalphilosophy

Non-Profit Organizations

As part of our commitment to raising environmental awareness, NEB has played a role in the establishment of two non-profit organizations, the New England Biolabs Foundation and the Ocean Genome Legacy Center.

2013

NEB SUPPORTS

EcoLogic in empowering rural and indigenous peoples to restore and protect tropical ecosystems



2016

NEB releases environmentally-friendly Monarch® Nucleic Acid Purification Kits



2019

NEB introduces a 100% recyclable / compostable solution for cold chain shipping - NEB Eco-Box



2014

NEB introduces the Passion in Science Awards®, including an award for environmental initiatives

2017

NEB's 2,028 solar photovoltaic modules have the capacity to generate 0.75 megawatts of electricity that is returned back to the main Ipswich power grid

2021

NEB achieves B Corporation Certification®



2015

NEB releases first CarbonNeutral certified catalog produced in the U.S.



2019

NEB SUPPORTS Paso Pacifico, who protect Western Central America's endangered turtle species from illegal turtle egg trade and destructive fishing practices through community education



2021

NEB supports The Marine Conservation Action Fund



2015

NEB sponsors LabConscious, an open resource for life scientists in green lab initiatives



2019


NEB SUPPORTS Guanacaste Dry Forest Conservation Fund who are committed to conserving biological diversity in northwest Costa Rica



2021

NEB offers UPS carbon neutral shipments





Tropical plants growing inside the greenhouse of the Solar Aquatics Wastewater Treatment Facility play a key role in the water treatment process.

Working towards a better world.

By promoting sound ecological practices and environmental sustainability, NEB ensures the protection and preservation of natural resources, both locally and globally. We continuously strive for improvement in our business processes in order to minimize and, where possible, mitigate our impact on the environment. NEB has become a Certified B Corporation®, a recognition awarded to organizations with the highest standards for social and environmental performance, transparency and accountability. While our passion for science helps us drive discovery, we continue to be guided by our responsibility to work towards a more sustainable world. As an additional measure of our commitment, NEB has received ISO 14001 certification, a quality standard for environmental management systems.

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Created in 2011 and located on the Genopole® Evry site (south of Paris), the French team's mission is to provide you with the best possible quality of services. An entire team (administrative, technical and commercial) is dedicated to helping you in your research.

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