

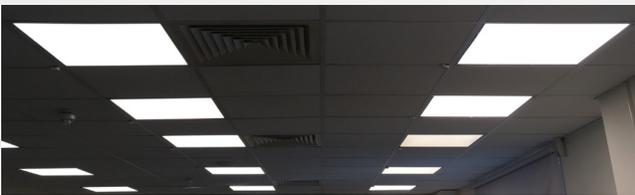
New England Biolabs UK Sustainability Initiatives

Environmental stewardship is one of the founding principles of NEB. 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. Raising awareness of our duty to the environment is paramount to NEB's corporate message. As an additional measure of our commitment, NEB has received ISO 14001 certification, a quality standard for environmental management systems. For more information on sustainability at NEB Inc's laboratory in the USA please visit neb.com. Below are details of the sustainability initiatives undertaken by NEB (UK) Ltd.

Solar roof-top installation



In August 2018 we commissioned a 30 kwh solar roof-top installation, generating approximately 23% of the electricity required to run the NEB UK office and warehouse. Estimated emissions avoided are 21 tonnes of CO₂ per year. The remainder of our power usage is 100% green electricity supplied by Ecotricity.



Energy-efficient lighting

We have replaced all of our internal lighting with sensor-controlled LED lighting in the UK Office and warehouse reducing electricity usage by approximately 23%.

A++ rated, energy-efficient freezers

The majority of our warehouse freezers feature optimised insulation and environmentally friendly R290 refrigerant contributing significantly to appliance economy. R290 refrigerant has a minimal greenhouse effect and no ozone depletion potential.

Green car fleet

We are gradually switching our company car fleet to electric or hybrid vehicles for field-based UK staff. 60% of the fleet will be electric or hybrid vehicles by early 2019. Our field staff in London use public transport.

Electronic ordering and invoicing

We invest significantly and work closely with our customers to implement electronic ordering. 99.6% of our invoices are sent electronically saving approx. 800kg of paper per year.¹

Carbon offsetting



We carbon offset all our printed marketing literature produced by our print supplier including the quarterly Expressions newsletter, technical brochures and shipping inserts. Our print supplier offers carbon offsetting in conjunction with Climate Partner who develop and promote projects to protect the climate around the globe. We are currently supporting a project to protect the April Salumei tropical rainforest in Papua New Guinea and to support its indigenous people to continue living sustainably in this important ecosystem: find out more at www.climatepartner.com

Recycled paper

We use 100% recycled paper for all UK Marketing literature, whether printed in-house, at our print supplier or by our postal mailing provider.

Envelopes

We use biodegradable plastic for all literature envelopes and NEB-branded plastic shipping envelopes, FedEx branded shipping envelopes are carbon neutral.

Vegetable-based ink

We use vegetable-based ink for printing by our print supplier including for Expressions quarterly newsletter, technical brochures and shipping inserts.

Recycling

We recycle general waste: paper, plastic, cardboard, foil etc generated in our office and warehouse. We also recycle printer ink cartridges. Our obsolete computing equipment is securely recycled by Revive IT (www.revivingit.co.uk). Revive IT has a zero waste policy which ensures absolutely everything is either reused or recycled. After a data sanitization process, all hardware that can be reused is refurbished and electrical safety tested and all faulty/obsolete hardware is broken down for materials recycling. All destroyed data-bearing media is recycled as materials.

Shipping Box Recycling Programme

In 1976 NEB Inc. established the first shipping box recycling programme in the US and it remains in practice today on a global scale. In the UK we receive back 18%² of our polystyrene shipping boxes from our customers. Of these, 96% are reused and 4% are recycled to make new materials for the building industry. We can supply you with information to help promote the NEB Shipping Box Recycling Programme at your facility.

Find out more about expanded polystyrene sustainability here: www.epsindustry.org/eps-sustainability.

Corporate membership of the Woodland Trust

NEB (UK) Ltd is a corporate member of the Woodland Trust. As the UK's leading woodland conservation charity, they work to create, protect and restore native woodland across the UK and have planted more than 40 million trees since 1972. In addition to

our membership donation, we also donate 15 p for every shipping box that our customers return to us as part of our Shipping Box Recycling Programme. Read more at www.woodlandtrust.org.uk



Reduction in shipping materials

We now deliver over 56% of orders in smaller shipping boxes constructed from 70% less polystyrene than our old standard-sized box and 13% of orders in envelopes.³ These changes reduced our polystyrene use by over 320m³ in the year after we introduced the changes. We currently use over 60% less polystyrene than we did previously and these savings continue to accrue as our annual number of shipments increases.⁴

Ambient temperature shipping

We now deliver 13% of NEB shipments at ambient temperature either in recyclable envelopes made from 100% recycled material, in biodegradable plastic envelopes or in carbon-neutral courier bags.³ Ambient temperature shipping provides many environmental benefits such as reduced packaging and reduced fuel use. It removes the need for polystyrene boxes, ice packs and the energy used in freezing them.

Ice packs

Our cold shipment ice packs are made from recyclable plastic and water or water-based gel. We encourage customers to re-use the ice packs but they are also 100% recyclable. The gel degrades in sunlight and is perfect for garden irrigation. Our move to small shipment boxes and ambient shipments for 56% and 13% of orders respectively, saves over 1.6 tonnes of plastic per year.⁵

¹ Data for 1 year to 31st Aug 2018; ² Data from 2011-2016; ³ Data from Sep 2018; ⁴ Data from 2013; ⁵ Data from 2017

FREE RECYCLING

We can be re-used multiple times!

BioLabs
Business Name: 211
License Number: 8111
Address: NEW ENGLAND BOTANICAL (UK) LTD, WILSON WAY, HESTON, M20 9QA

Please **RECYCLE** your box: for every box returned NEB UK will donate 15p to the Woodland Trust