

Carbon reduction plan

2022



ABOUT EDUCATION DEVELOPMENT TRUST

Education Development Trust (EDT) is a business with a charitable status and a strong social purpose. We are a global business with operations and activities across many countries. We strive to change education for good around the world, grounding our work in research and evidence of what works, as well as equity, sustainability and a fundamental belief in the importance and transformative potential of education.

Education Development Trust has committed to supporting the United Nations Global Compact and its Ten Principles in the areas of Human Rights, Labour, Environment and Anti-Corruption, as set out in our Communication on Engagement.

COMMITMENT TO ACHIEVING NET ZERO

Education Development Trust is committed to achieving UK Net Zero emissions by 2040. For further information regarding our Environmental commitment, please read our Sustainable Development Policy.

BASELINE EMISSIONS FOOTPRINT

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

REPORTING OF BASELINE CARBON EMISSIONS

We have followed the approach to identify and categorise emissions-releasing activities into the three scopes as defined by the GHG Protocol Corporate Standard and are described below.

Scope 1 (Direct emissions) – All UK direct emissions from the activities under EDT's control. Including fuel combustion on site such as gas boilers and fleet vehicles.

Scope 2 (Energy indirect) – UK indirect emissions from electricity purchased and used by the organisation. This is measured on a market-based approach. Emissions are created during the production of the energy and eventually used by the organisation.

Scope 3 (Other indirect) – All other UK indirect emissions from the business activities of EDT occurring from sources that they do not own or control not classed as Scope 2. These are covering emissions associated with business travel from fuel emissions, claims made by employees through use of their own cars to travel for business purposes along with other categories of business travel including business transportation by air, rail and the associated hotel accommodation.

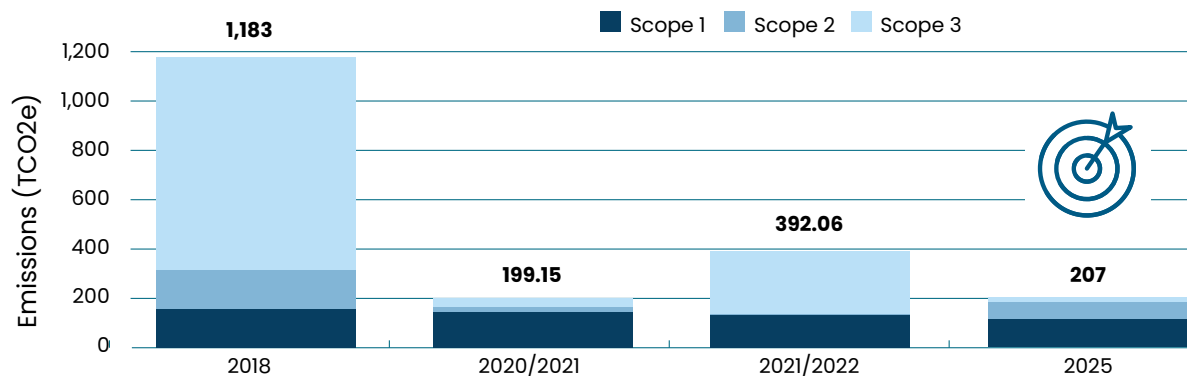
EDT is a global organisation. We recognise that fuel emissions due to business travel is a large proportion of our total emissions. Therefore, our scope 3 emissions includes a subset of non-UK air travel and hotel accommodation, where emissions data is readily available.

FIG 1: Our total emissions have decreased 67% compared to 2018 baseline*
Education Development Trust's total UK operation emissions (tCO2e)

	2018 Baseline tCO2e	2020/2021** Actuals tCO2e	2021/2022** Actuals tCO2e	2025 Target tCO2e
Scope 1	157	144.69	132.96	114
Scope 2 market-based	158	19.79	1.55	69
Scope 3 (Included sources)	868	34.67	257.55	24
Total emissions	1,183	199.15	392.06	207

*The data used to establish the baseline for 2018 was extracted from the production of the reports for ESOS 2019 Phase 2 and was aligned to the 12-month period from 1 January 2018 to 31 December 2018 along with the carbon emission data report provide by the travel company. **The reporting over the period 2019 to 2021 has been significantly impacted by Covid-19 which has reduced occupation of buildings and company transport since March 2019. Covid-19 has also impacted on energy efficiency measures that the organisation had sought to implement during this financial year.

Scope 3 breakdown	2018 Baseline tCO2e	2020/2021** Actuals tCO2e	2021/2022** Actuals tCO2e
UK Grey Fleet	103.5	6	47.8
UK Rail	36.8	0.4	7.2
UK Hotels	29.8	0.3	4.2
UK Domestic Flights	69.8	0	6.9
International Flights (to/from UK)	545.2	10.05	139.5
International Flights (outside UK)	72.4	17.4	45.1
International Hotels	10.5	0.5	6.7
Total emissions UK	785.1	16.75	205.6
Total emissions outside UK	82.9	17.9	51.8



In April 2020, EDT procured electricity generated by wind and hydro assets matched to Renewable Energy Guarantees of Origin (REGOs) for UK sites. During 21/22, 98% of EDT’s UK electricity was from 100% renewable sources, compared with 80% in 2020/21, saving 85.1 tonnes of carbon emissions in 21/22 compared with 78.8 tonnes in 2020/21.

A more detailed reporting methodology is being developed to capture emissions from procurement, waste, staff commuting and outsourced services for future carbon reporting. Once finalised they will be included in every annual report thereafter for the following:

Table 1: Upstream and downstream categories

	Already included	To be added	Not relevant
Upstream			
Business travel	✓		
Fuel- and energy-related activities (not included in Scopes 1 and 2)	✓		
Capital goods		✓	
Employee commuting		✓	
Purchased goods and services (supply chain)		✓	
Upstream transportation and distribution		✓	
Waste generated in operations		✓	
Upstream leased assets (captured under Scopes 1 and 2)			✓
Downstream*			
Downstream leased assets			✓
Downstream transportation and distribution			✓
End-of-life treatment of sold products			✓
Franchises			✓
Investments		✓	
Processing of sold products			✓
Use of sold products			✓

*Education Development Trust is a service business and is not involved in selling or transporting goods, leasing assets or franchise activities.

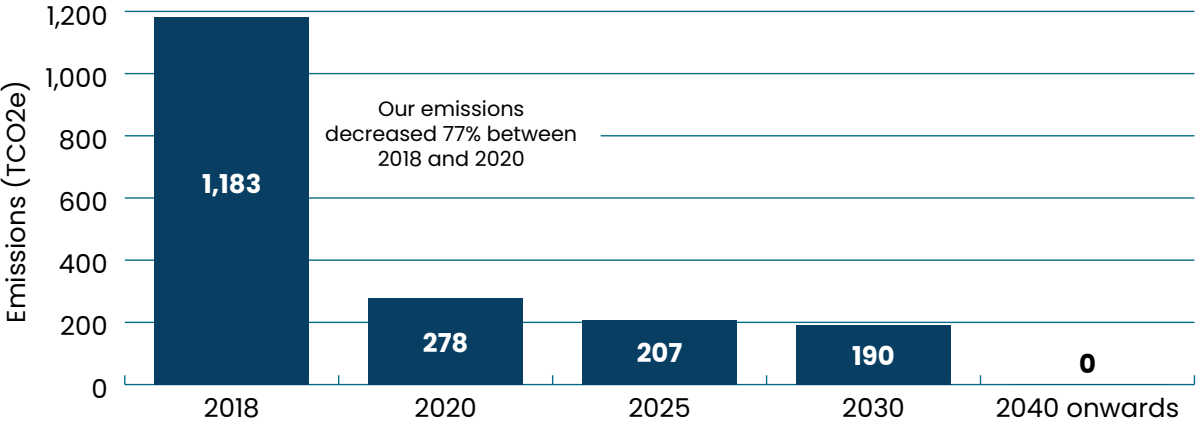
EMISSIONS REDUCTION TARGETS

Climate change has been placed at the forefront of the agenda by the recent Intergovernmental Panel on Climate Change (IPCC) report stating the implications of a 1.5°C rise in global atmospheric temperatures.

The associated impacts are significant for the world in which we live, work and play. Education Development Trust are taking on the challenges that lies ahead by declaring a target of Net Zero by 2040 and have begun to implement energy efficiency improvements within our business.

In order to continue our progress towards Net Zero by 2040 we have designed a 4-phase road map for a carbon reduction program between now and 2040.

*FIG 2: Our 4-phase roadmap towards net zero
Education Development Trust's total UK operation emissions (tCO2e)*



PHASE 1: UP TO 2021

(Completed since the 2018 baseline)

Strategy

- » Established a working group to develop a sustainability strategy for our Careers work.
- » Measurement and regular annual reviews of our energy and carbon profile through the adoption and compliance of the 4 yearly Energy Saving Opportunity Scheme (ESOS) and the annual Streamlined Energy Carbon Reporting (SECR).
- » To increase our understanding of the energy data we have introduced a monthly monitoring system to assess and evaluate building/s performance and consumption.

Energy

- » Transferred all of our directly procured UK electricity to 100% Renewable Energy Guarantees of Origin (REGO) energy tariff, providing electricity to our Head Office and independent schools.
- » We have reduced gross emissions from the consumption of purchased electricity via a qualifying green electricity tariff by 80% in 2020/21, equating to a carbon saving of 78.8 tonnes of CO₂e for this financial year.

Transport

- » Undertook a review of commercial travel, both domestic and international to ensure our approach to travel is as considerate of climate change as possible, whilst remaining business-practical and appropriate to our clients' needs.
- » Completed a review of staff working patterns and implemented hybrid working to further reduce the generation of carbon emissions.
- » Updated and relaunched the cycle to work scheme to encourage staff to reduce carbon footprint

Property

- » Assessed our leased property portfolio and rationalising to smaller shared office space to optimise real estate and to maximise occupancy thus lowering our carbon footprint.
- » Over recent years we have started an LED lighting upgrade program across our UK property portfolio replacing incandescent lamps with highly efficient LEDs.

We have already seen a decrease in Scope 1 and 2 emissions as a result of the above measures. Restricted travel during Covid-19 led to a significant reduction in Scope 3 emissions. In 2020/21 (end of Phase 1), our total emissions had decreased by 77% compared to the 2018 baseline.

The Covid-19 situation between 2020 and 2022 has delayed the implementation of some planned energy efficiency measures. We have rescheduled to implement these improvements within the next 3 phases of the Carbon Reduction Plan.

PHASE 2: UP TO 2025

Strategy

- » Review and update environmental policies and procedures, deploying these across existing operations and global mobilisations.
- » Continue to review and refine emission reduction targets as further scope 3 categories are included, and as operations develop post-pandemic.
- » Develop annual milestones.

Energy

- » Maintain 100% certified renewable energy source within UK.
- » Implement metering system to accurately collect usage data globally.
- » Encourage landlords to implement 100% certified renewable energy sources globally.

Waste

- » Measure recycling and implement targeted reduction programmes.

Transport

- » Promote and encourage reduced travel and use of low emission vehicles/ public transport.

Property

- » Continue with LED replacement strategy.
- » Introduce further building efficiency measures.
- » Increase data collection through smart metering to reduce emissions further.

Promotion

- » Increase the sustainability working groups to include UK schools and global regions.
- » Engage employees in sustainability activities.
- » Implement a staff e-learning energy awareness/best energy practice course. Promote sustainability within our external client base.

In Phase 2 up to 2025 we expect to deliver a further decrease over this period of 72 TCO₂e. This would equate to a further 6.2% reduction against the 2018 baseline.

In view of the COVID-19 pandemic in 2020/2021 some emissions are expected to increase year on year, as a consequence of business travel and office usage returning to more normal operations in 2021.

PHASE 3: 2025–2030

Strategy

- » Continue to focus on adopting new technologies for energy reduction, deploying technologies that already exist and evaluating new innovative energy solutions.

Energy

- » Maintain 100% certified renewable energy source within the UK.
- » Reduce reliance on gas usage.

Waste

- » Implement paperless operations wherever practical.

Transport

- » Promote and encourage reduced travel and use of low emission vehicles/ public transport.

Property

- » Upgrade buildings thermal and heating properties.

Promotion

- » Implement a standard sustainability policy across our supply chain.



PHASE 4: POST 2030

Strategy

- » Focus on accelerating the implementation of increasingly easy to use renewable energy, whilst supplementing with carbon offset programmes.

Energy

- » Maintain 100% certified renewable energy source within UK.

Property

- » Continuous evaluation and assessment of new technologies.
- » Continue to invest in the latest technology and apply best practice for all building refurbishment upgrades.

Promotion

- » Adapt to market developments and update behavioural change and energy education programs using the improved carbon data available across the sites.
- » Actively share information and engage employees in environmental initiatives.
- » Assess practicality of shared assets to drive down a lower carbon footprint.
- » Prepare strategic plans to look at the best possible way to offset emissions in the event that carbon net zero emissions are not possible in all cases.
- » Work with key suppliers to measure the CO₂ generated from transportation of goods and services being delivered to EDT and our customers, seeking opportunities to reduce CO₂ levels generated from these suppliers.

DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Dr Patrick Brazier

Chief Executive

Education Development Trust

December 2022

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>