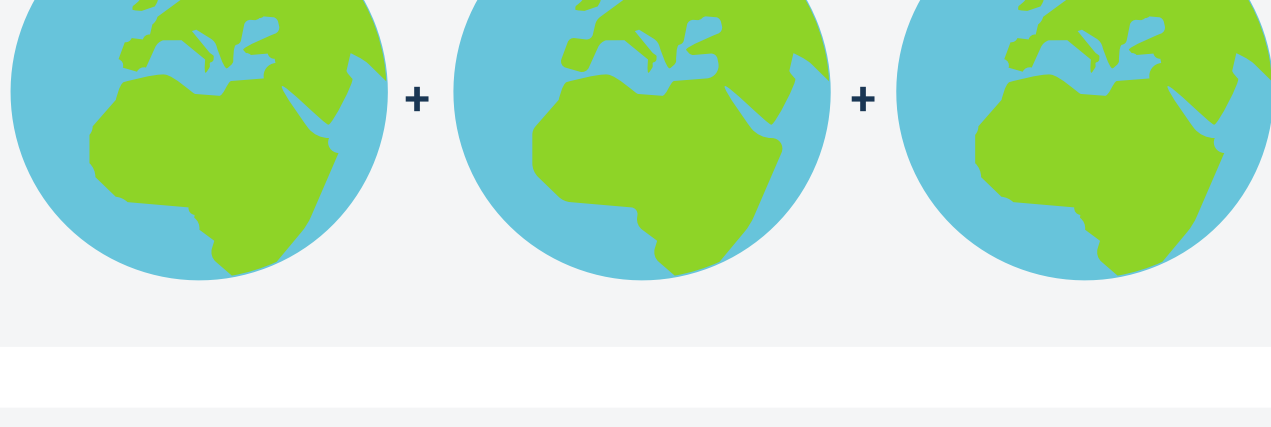


Did You Know?

If nothing changes, by 2050, we will need almost three Earth's worth of natural resources to sustain our ways of living.¹



What Is Sustainability?

Sustainability means meeting the needs of the present without compromising the ability of future generations to meet their own needs.²



Environmental Impact of Face-To-Face Training

Traditional training requires a vast amount of resources to run effectively, such as classroom space, energy, content materials and transportation. Online learning lowers environmental impact by saving energy, reducing deforestation and preventing pollution. As a result, online learning can be an essential tool in the global fight against climate change.



Energy Consumption



Online learning can cut energy consumption by **90%** compared to classroom-based training!³

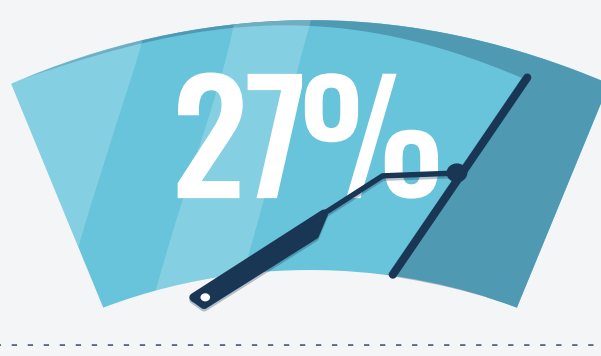
Traditional training facilities require a lot of energy for lighting, heating or cooling buildings. Estimates suggest that reducing classroom usage could save **4,000 hours** of lighting.



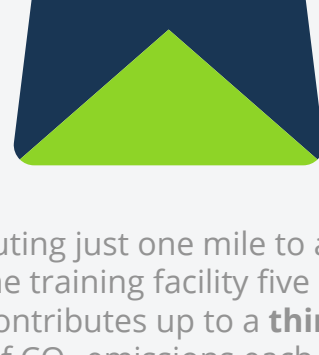
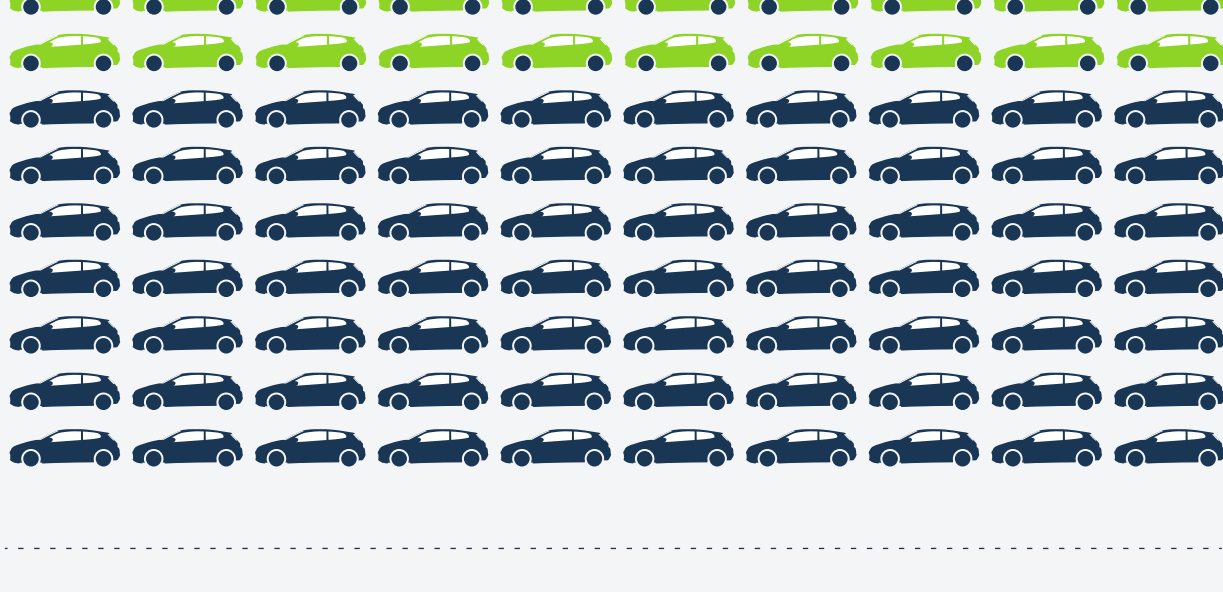
This helps to save cold hard cash. Better still, it prevents the generation of **19 tons** of CO₂ emissions.⁴

Transport

Transport remains the largest emitting sector in the UK. It's responsible for **27%** of all greenhouse gas emissions within the country.⁵



Traditional classroom-based learning is not only responsible for its direct greenhouse gas emissions but also the emissions that arise as a result of classroom-based activities, like transport. One UK university reported their total travel-related emissions to be **15,000 tons CO₂e** within one academic year. That's nearly **30%** of their overall emissions.⁶



Commuting just one mile to and from the training facility five days a week contributes up to a **third of a ton** of CO₂ emissions each year.⁷



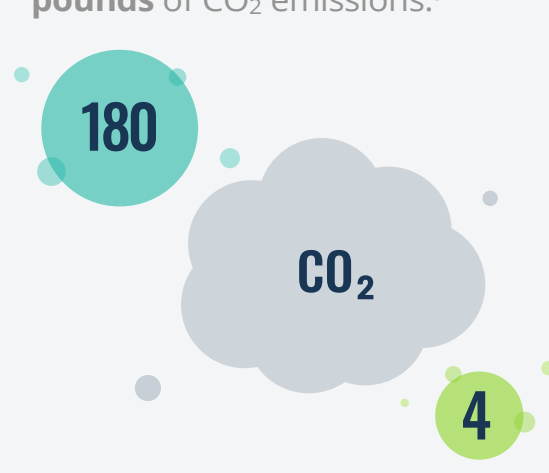
Eliminating travel can lead to **5-10 tons** of reduced CO₂ emissions per semester.⁸

Emissions



Online training can achieve a **85% reduction** in emissions compared to face-to-face courses!⁹

The average full-time student creates roughly **180 pounds** of CO₂ emissions. Conversely, the average online learner only produces **4 pounds** of CO₂ emissions.⁹



Natural Resources

It takes an estimated **30 million trees** to produce enough paper for all the printed books sold per year in the USA alone.

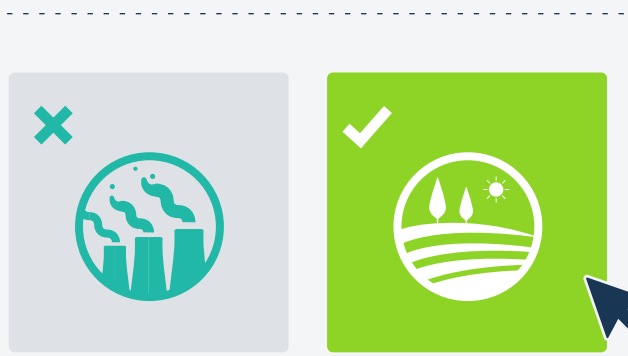
That is **1,153 times** the number of trees in Central Park in New York.¹⁰



From textbooks to handouts and assessments, classroom-based training uses a lot of printed materials. By switching to online learning, you can save millions of trees and other resources, like water. Did you know, it takes **10 litres** of water to make 1 piece of A4 paper?¹¹



Constructing training facilities requires plastic, metal, wood and other materials. Online education reduces the demand for these raw goods, which protects the environment.



Growth Engineering Against Climate Change

With our online learning solutions, you can significantly reduce your organisation's greenhouse gas emission.



Our workforce has been **climate positive** since November 2020.



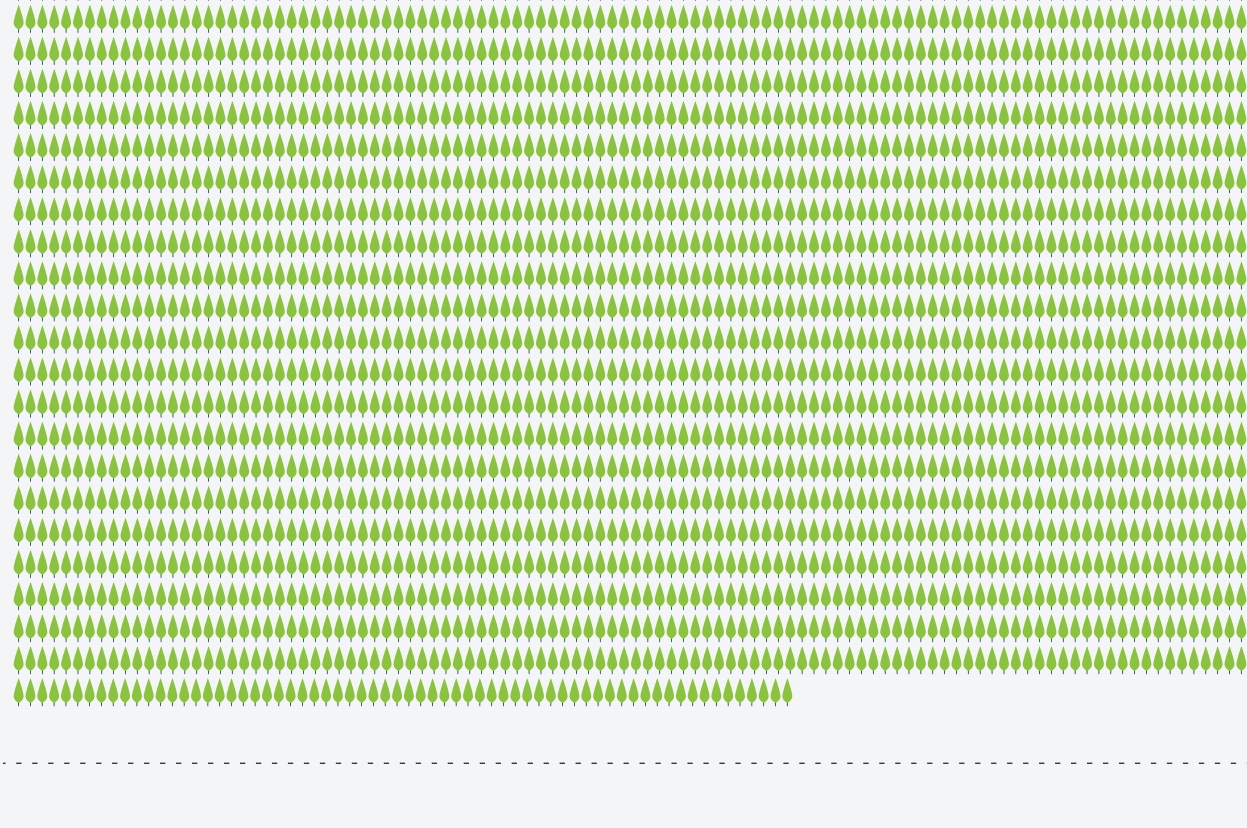
We take accountability for our carbon footprint, and we are committed to sustainability¹²:



We have offset **145.94 tonnes** of CO₂e, which is equivalent to saving 438 m² of sea ice.



We have planted **2,566 real trees** in our forest (and counting!).



You can help us to save the planet! Head to Growth Engineering's Ecologi profile to make a donation that will fund tree planting and carbon offset projects.

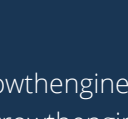
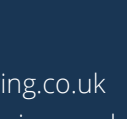
[Help Save the Planet](#)

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