

# How Medlab Middle East offsets emissions from flights

To compensate for unavoidable carbon emissions, we help others reduce their emissions through emissions reduction projects. This is called carbon offsetting.

Our work with Natural Capital Partners supports a range of certified, audited projects around the world that reduce, remove or avoid greenhouse gases.



## Teak Afforestation, Mexico

This tree planting project creates teak plantations to obtain high-value, sustainable timber products and to sequester large amounts of carbon dioxide. This contributes to climate change mitigation while simultaneously creating jobs and restoring degraded land.



## Acre Amazonian Rainforest Conservation, Brazil

This collection of three projects aims to prevent deforestation across 105,000 hectares of pristine rainforest in the Amazon basin, protecting some of the world's most biodiverse habitats. The project includes a range of benefits for local communities including agricultural education, doctors visits and the development of basic business skills.



## Colorado & Montana Grasslands, USA

Grasslands are an important and stable carbon store with 90% of their biomass below ground in the long roots of the grass. This project's goal is to create financial incentives for conserving valuable grasslands that support rare and endangered endemic species. They're also used as an outdoor school to teach 5th grade students botany, zoology and geology.



## Sichuan Household Biogestor, China

The project distributes small-scale biogas machines to low-income rural households with livestock. The biogas machines digest manure and recover the methane by-product through the process of anaerobic digestion. This offers clean and affordable energy to homes and fertiliser for agriculture. In addition to reducing greenhouse gas emissions, the project improves indoor air quality and sanitation for rural communities.



## Rimba Raya Biodiversity Reserve, Borneo

This project preserves carbon-dense tropical peat swamp by helping to halt deforestation of roughly 65,000 hectares of forest which was originally slated for conversion to palm oil plantations. The project focuses on both community development – encompassing 2,000 households living within the project area – and biodiversity conservation, particularly the protection of the endangered Borneo Orangutan.

## Domestic Energy Systems, India

This domestic energy project distributes and maintains solar lighting and charging systems as well as clean biomass cookstoves to thousands of rural households across India. This replaces traditional kerosene lamps and open stoves. It significantly reduces fuel costs whilst reducing illnesses from indoor smoke and helping kids study in the evenings.

