

The logo for Ecosphere+, featuring the word "ecosphere" in a lowercase sans-serif font, followed by a plus sign and a circular icon containing a stylized plant or leaf symbol. The background of the entire image is a collage of nature-related photos: a leopard's face, a woman holding a cacao pod, a butterfly, and various green foliage, all overlaid with geometric shapes in shades of green and blue.

ecosphere+

# DEFORESTATION- FREE COCOA

Forest conservation • Insetting carbon emissions  
Sustainable livelihoods • Resilient supply chains & landscapes

## Why take action

**Deforestation causes 10% of global emissions and agriculture is a major driver of forest loss.**

In 2016, tree cover loss reached a record 29.7 million hectares (51% percent higher than 2015). In certain deforestation and biodiversity hotspots, like the Amazon rainforest, cocoa is a significant driver. In addition, land use mitigation activities, called 'natural climate solutions', can provide 37% of carbon mitigation needed until 2030. Supply chains are complex; it takes time to transition to sustainable land use by changing agricultural practices and improving farmers livelihoods.

## How Ecosphere+ can help

We work with companies to act now. You can rebalance your impacts by financing forest conservation projects that produce organic cocoa and many co-benefits - achieved through buying carbon credits.

Forests help adapt to climate change, regulate water, keep soils healthy, protect wildlife habitat, and support local livelihoods, addressing the Sustainable Development Goals. In this way, companies can 'inset' emissions and take a landscape approach to reducing risks and impacts, account for environmental externalities, and ensure resilient supply chains.

## Deforestation-Free Cocoa: Ecosphere+ solutions

### Carbon footprint



The carbon footprint of a 100 g dark chocolate bar is approx. 2.9 kg CO<sub>2</sub>e



Tree cover loss accounts for approx. 93% of the carbon footprint

### Climate positive product



Adding €0.02 per bar would make the chocolate not only carbon neutral but Climate Positive, by financing forest conservation by buying carbon credits

### Sourcing sustainable cocoa beans



Cocoa beans from our projects are grown in agroforestry systems using organic practices and are Fairtrade certified



From 2019, our projects are expected to produce more than 500 tonnes of cocoa beans a year