



What is the Global Forest Fund?

The Global Forest Fund (GFF) was established in 2008 by FEE to offset CO₂ emissions from travel. This non-profit fund is managed by FEE's International Learning about the Forests (LEAF) Director. The fund invests 90% of its income directly into tree planting and other CO₂ compensation efforts that are combined with environmental education activities.

How does it work?

People or organisations who are interested in compensating the CO₂ emissions from their travel and support schools in tree-planting activities around the world can calculate their CO₂ emissions through the formula and donate the money to the FEE bank account. Main source of money collected in the GFF is from calculation of FEE travels.

CO₂ compensation calculation method

Compensation of 1 ton of CO₂ will require around 50 growing trees a year (source: Coolflying.com and VBV-Belgium).

An average airplane produce around 0.18 ton CO₂ per 1000 km for travels less than 1000 km, and 0.11 ton CO₂ per 1000 km for travels longer than 1000 km (source: UNEP 2000, the GHG-Indicator).

Because flying produces more emissions than CO₂, EU suggests to double the amount of CO₂ for a fair impact calculation (source: COM2005 – Reducing the Climate Change Impact of Aviation, Brussels). By doubling the CO₂ amount, we are very close or beyond a real compensation.

Since the calculation method is using a rough estimate with a doubling of the amount to ensure a fair impact calculation, FEE has, in order to minimize bureaucracy, decided to calculate the direct distances between the airport of departure and the airport of arrival (and not include airports of intermediate landings).

Recent prices were found on “Thomson Reuters Point Carbon’s OTC Price” and “European Emission Allowances – Global Environmental Exchange” amounting to € 6,69 euro per ton CO₂.

The calculations for 2016 therefore look as follows (in this calculation we use a fair Euro 13,50, given the fluctuations in daily prices):

CO₂ prices in 2016

	CO ₂ per 1000 km	CO ₂ + emissions per 1000 km	Calculation
Travel <1000 km	0.18 ton CO ₂	0.36 ton CO ₂	<u>X km x 0.36 x € 13,50</u>

1000

Travel >1000 km 0.11 ton CO₂ 0.22 ton CO₂ $\frac{X \text{ km} \times 0.22 \times \text{€ } 13,50}{1000}$

How the money of the GFF is used

For eight years, the Global Forest Fund has been investing in worthy tree planting events and environmental education activities around the world. Over €75,516 has been invested into over 150 projects since it began in 2008. The GFF is also used to increase awareness about the importance of the role of trees in the lives of people all over the world.

Year	Number of projects	Amount of money
2008	3	1255
2009	5	2293
2010	29	14477
2011	43	21513
2012	29	13519
2013	17	8400
2014	15	7016
2015	12	7000

Who can apply for this fund?

Funding for tree planting and other environmental education activities are both available for organisations from countries within and outside the FEE network. However, a maximum of 1/3 of the total annual amount in the fund can be allocated to countries outside FEE's network.

Each school can apply for a maximum amount of €500. It is possible to use the funding for educational activities as well as tree planting. All expenses must be documented.

- The organisation must contact the International LEAF Director for a preliminary approval regarding the funding of a project.
- When the organisation applies for the funding on behalf of the school, the tree planting and environmental education activities must already have taken place.
- The application must contain a report of all activities held.
- If the project received preliminary approval, the International LEAF Director will, within two months after having received the application request, refund the amount.

All projects are described in the annual reports of the Global Forest Fund.