

EPNF2 - 2nd meeting

La Forestina - November 22-24, 2016

Nitrogen Neutrality - Footprints and Compensation Project

Table 1. Footprints for EPNF2 - preliminary data

	kg CO2eq	g N	share CO2eq	share N	ratio g N/kg CO2eq
Food	166	3600	2%	60%	21.7
Flight travel	6279	1278	89%	21%	0.2
Cars	593	1140	8%	19%	1.9
Total	7038	6018	100%	100%	0.9

N-compensation is achieved by supporting a gold-standard UNFCCC carbon credit project "Biogas Plants for 9000 families" (India). See project sheet here

http://www.myclimate.org/carbon-offset-projects/projekt/print/?tx_cop_pi4%5Bproject%5D=250&cHash=a40187d3592e237bd33f3f99fd973fba

Table 2. Emission reductions achieved in compensation project (values for 2015)

	t CO2eq	kg Nr	Ratio kg Nr/t CO2eq
Reductions from baseline	46,191	186,860	4.0
- Kerosene	397	0.28	0.0
- Fuelwood	25,405	18	0.0
- Manure	20,389	186,842	9.2
Increased emissions in project	4,609	-	-
Emissions Reductions	41,582	186,860	4.5

Nitrogen Neutrality - Implementation

The footprints at the EPNF meeting are dominated by the flights (90%) for GHGs and by the food (60%) for reactive nitrogen. Overall, the ratio of the carbon footprint (in kg CO₂e) and the nitrogen footprint (in g Nr) is about 0.9. The compensation project focuses on manure management and reduces 4.5 g Nr for each kg of CO₂ compensated. Thus, by offsetting the carbon footprint also the N footprint will be compensated.

Therefore, a total compensation of **7 t CO₂eq** will be done through the myclimate webpage at a price of 24 Euro/t CO₂eq https://co2.myclimate.org/en/contribution_calculators/new

Recommended contribution to N-neutrality: 7 Euro / person

Note: this is average, those flying longer distances could decide to contribute with more. Those who already have compensated their flight might choose do not need additional compensation (please indicate below). For those who come by car (and do not want to pay average compensation 'price') a compensation of 2 Euro is recommended.

Results

- 22 out of 23 participants to the meeting contributed to N-neutrality (96%)
- Total money collected was 168.5 Euro (average 7.66 Euro/person or 7.33 Euro/participant)
- A total of 173 Euro was donated to the project "Biogas Plants for 9000 families" on at <https://www.myclimate.org/>

24 Nov 2016 16:32:55 GMT+01:00
Transaction ID: 6BT2687440073540P

Description	Unit price	Qty	Amount
Donation for Climate Education Item# 13659281	€6,00 EUR	1	€6,00 EUR
Donation for the offsetting of 7.0 t CO ₂ Item# 13663405	€167,00 EUR	1	€167,00 EUR
	Subtotal		€173,00 EUR
	Total		€173,00 EUR
	Payment		€173,00 EUR

Payment sent to paypal@myclimate.org