

# 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
<b>Total</b>	<b>7038</b>	<b>6018</b>	<b>100%</b>	<b>100%</b>	<b>0.9</b>

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

[http://www.myclimate.org/carbon-offset-projects/projekt/print/?tx\\_cop\\_pi4%5Bproject%5D=250&cHash=a40187d3592e237bd33f3f99fd973fba](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	-	-
<b>Emissions Reductions</b>	<b>41,582</b>	<b>186,860</b>	<b>4.5</b>

## 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 CO<sub>2</sub>e) 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 CO<sub>2</sub> compensated. Thus, by offsetting the carbon footprint also the N footprint will be compensated.

Therefore, a total compensation of **7 t CO<sub>2</sub>e** will be done through the myclimate webpage at a price of 24 Euro/t CO<sub>2</sub>e [https://co2.myclimate.org/en/contribution\\_calculators/new](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.

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### **Questions (please return this section)**

Name / email (optionally) .....

Contribution (Euro) .....

Intention for contribution (food, travel, both, ...)

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Motivation for contributing / not contributing

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Suggestions for improvements/next workshop's N-neutrality program

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General comments of any kind to N-neutrality concept / project

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