

CQN Carbon Offset Program



Henri Willox, CCDMD

An original and effective way to offset your carbon impact

The average carbon footprint for a person living in Quebec is 10 tons of CO₂ a year. This figure includes industrial and agricultural emissions. Flying markedly increases individual emissions.

An aircraft burns up an average of 4 liters of fuel per passenger to fly 100 km, producing approximately 10 kg of carbon dioxide CO₂.

- Montreal-Paris return (11 000 km) emits 1 ton of CO₂
- Montreal-Beijing return (21 000 km) emits 2 tons of CO₂

You can offset the carbon footprint of your plane trip by making a donation to Collaboration Québec Népal!

A donation to CQN's *Carbon Offset Program* is attributed to one of two projects, depending on the target population's priorities.

Reforestation

In warmer regions such as those where CQN works, trees grow year round, increasing the efficiency of carbon capture and storage. Community land is reforested in collaboration with *Forest User Groups*. Furthermore, planting trees in this mountainous country reverses the effects of erosion.

Eight donations of 50 \$ finance the planting and maintenance of one hectare of forest.

During their growth, the trees will capture 5 tons of CO₂ per year.

Smokeless stoves

This project allows to reduce CO₂ emissions related to cooking and heating. In rural Nepal, many people cook inside their houses, directly on open wood fires. Installing clay stoves with chimneys improves health and quality of life and reduces the amount of wood used by 35 to 50%.

**A 100\$ donation pays for 5 smokeless stoves,
reducing CO₂ emission by more than 10 tons a year!**
