

INTERNATIONAL FLIGHT OFFSETTING

Between September and December 2020,

ACTED offset **781 tonnes of CO₂**

equivalent to
2,996,478 km in total

= the total annual carbon footprint
of 156 inhabitants of France
& 2.370 of Kenya



= using **390** average cars for a full
year



= **248** return flights from Paris to
Nairobi (approx. 13,000km)



With the carbon offset credits,

ACTED financed **40 biogas plants** in rural Nepal for 1,200 beneficiaries

Farming families in rural Nepal
rely primarily on wood for
cooking.

However, illegal logging endan-
gers the forests, thus increasing
environmental disruptions.

ACTED supports the develop-
ment of small biogas plants to
replace open fireplaces, thus
avoiding deforestation and CO₂
emissions, while preventing
diseases linked to smoke inhala-
tion.

Biogas is produced out of cow
dung, which offers a renewable,
smoke-free energy source for
cooking.

1 biogas plant saves
3.000 kg of firewood per year,
and avoids the
emission of 3.3 tonnes of CO₂
compared to the use a
three-stone-fire.

By investing in this project,
ACTED contributes to preserv-
ing the Nepalese forests and
the environment, and to sup-
porting sustainable
development.



How does it work?

The plants convert cow manure into biogas through fermentation. The biogas is conducted through pipes to gas cookers. The remaining dung can be used as organic fertilizer to increase agriculture yields.

