

# 2025-2026 Global Aerospace Carbon Offsetting Program

## Cookstove - Efficiency



### Location

Ghana

### Project Type

Efficiency - Domestic

### Standard

The Gold Standard

### Project ID/Methodology

GS11564 AMS-II.G.

### UN SDG

1 No Poverty

3 Good Health and Well-being

7 Affordable and Clean Energy

8 Decent Work and Economic Growth

13 Climate Action

15 Life on land

### Description

The Improved Cooking Stoves Programme in Ghana is carried out within the urban areas of Western region, Ghana, where households mainly rely on charcoal for cooking purposes with inefficient devices. An average of 0.180 t of woody biomass is used per person (for cooking purposes) annually. The promotion and dissemination of over 400,000 affordable and efficient improved cookstoves (ICS) to low-income Ghanaian households and the associated awareness and training campaigns will help Ghanaian households by replacing currently used traditional coal pot, thus reducing Greenhouse Gas emissions by 413,653 tCO<sub>2</sub>/yr.

### Additional Co-Benefits

Besides being one of the main causes of deforestation in Africa, the social and environmental benefits of improved cooking stoves are multiple, for example:

- they reduce woman workloads and time involved in fuel collection, dependence on a scarce resource and related expenses by reducing fuel wood domestic consumption significantly;
- by reducing indoor air pollution, they can reduce the risk of respiratory diseases, especially for women and children. Women and young children are the most affected, with more than 2,200 children in Ghana dying every year as a result of acute lower respiratory infections caused by using solid fuels.



GLOBAL AEROSPACE

[www.global-aero.com](http://www.global-aero.com)

# 2025-2026 Global Aerospace Carbon Offsetting Program

## Dempsey Ridge Wind - Renewable Energy



### Location

USA - Oklahoma

### Project Type

Renewable Energy

### Standard

Verified Carbon Standard

### Project ID/Methodology

VCS780 ACM0002

### UN SDG

4 Quality education

7 Affordable and Clean Energy

9 Industry, Innovation and Infrastructure

13 Climate action

### Description

The Dempsey Ridge wind power project consists of the installation of 66 2.0MW turbines on approximately 7,500 acres of agricultural and grazing land. The project's intent is to generate electricity from renewable sources and therefore to displace electricity that otherwise would have been procured from fossil fuel generation in the absence of the Dempsey Ridge wind farm.

### Additional Co-Benefits

The Big Smile Wind Farm at Dempsey Ridge will create enough clean energy to power more than 46,000 U.S. homes.

