

# Voluntary Carbon Market Disclosures



Household Biogas Plant is a Gold Standard verified project in India that replaces inefficient wood fired mud stoves with clean and sustainable biogas.

2 August 2024



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## CarbonNeutral Business Travel Certification

Since 2020, Dolby has achieved CarbonNeutral business travel certification annually. This involves the completion of our full greenhouse gas inventory (Scopes 1, 2 and 3<sup>1</sup>), third-party assurance of that inventory, and then the procurement of third-party verified, high-quality carbon offsets to neutralize our business travel footprint.



Our process and certification is in alignment with [The CarbonNeutral Protocol](#). This Protocol is updated annually to ensure it reflects the latest developments in emissions measurement and reductions. The CarbonNeutral Protocol Advisory Council is made up of business, NGO and scientific experts who work to ensure it follows industry, policy and scientific best practice, including, but not limited to, current legislation.

### Assurance

Dolby engages Apex Companies, an independent third party, to provide a limited level of assurance verification of our greenhouse gas (GHG) inventory. The scope of their review includes our Scope 1, 2 and 3 GHG emissions. More details are available in the third-party assurance and verification statement available on our [website](#).

### About this Report

This report has been prepared in compliance with California's Assembly Bill 1305 (AB 1305).

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<sup>1</sup> Scope 1 includes direct emissions from sources that a company owns or controls. Scope 2 includes indirect emissions from the generation of electrical power that a company purchases. Scope 3 encompasses indirect emissions from a company's value chain, including its suppliers and customers.

## Carbon Projects

As a global company, our carbon offset strategy includes investing in credits from a combination of avoidance and removal projects around the world. We select high-quality, third party-verified offset projects that also provide numerous co-benefits to the local communities in which they operate in alignment with the UN's Sustainable Development Goals, as well as our Social Impact and Sustainability strategy.

All of the carbon offsets that Dolby purchases are verified by one or more of the following standards bodies:

- Verified Carbon Standard (VCS)
- Verified Carbon Standard (VCS) + Climate, Community & Biodiversity (CCB)
- Gold Standard (GS)
- Clean Development Mechanism (CDM)

Project List:

1. Rural Clean Cooking, India
2. Three Rivers Grasslands Restoration, China
3. Tongba Hydro Power, China
4. Jurua Amazon Rainforest REDD+, Brazil
5. Karst Mountain Afforestation, China
6. Sichuan Household Biogas, China
7. Gyapa Efficient Cookstoves, Ghana
8. Orb Rooftop Solar, India
9. Black River Afforestation, China
10. Rucas Amazon Rainforest REDD+, Brazil

# 1. Rural Clean Cooking, India

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Household Biogas Plants in Rural Parts of Central India

**Registry:**

Gold Standard

**Project ID:**

10782

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

AMS-I.E. Switch from non-renewable biomass for thermal applications by the user

**Contract ID:**

DLB007

**Project Description:**

This project installs biodigesters to convert waste from cattle into biogas, which is a closed loop clean energy solution for cooking and heating. Carbon finance lowers the cost of purchase and installation for the biodigester tank and cookstove for users. The biogas burns cleanly, reducing indoor air pollution and replacing emissions from fuel wood. The project also creates a circular economy for biogas which avoids waste, improves sanitation and creates jobs for installing biodigesters.

The projects target low-income and smallholder farmers in rural areas across India with a solution that produces clean and affordable energy with animal waste that otherwise go unused, emitting methane and threatening nearby water sources. The solution is a small fixed-dome biogas tank, also known as anaerobic digesters, that provides a clean, affordable, and convenient form of energy to rural families with cattle that create odor and waste problems.

The project reduces emissions by preventing the release of methane from animal waste and by replacing the use of unsustainable fuels like firewood, charcoal and kerosene, and unsustainable chemical fertilizers. In addition, jobs are created for local populations, household sanitation is improved, and air pollution is reduced to enhance the health of families.

Drives progress on the following Sustainable Development Goals:

- Good Health and Well-Being (SDG3)
- Affordable and Clean Energy (SDG7)

- Decent Work and Economic Growth (SDG8)
- Industry, Innovation, and Infrastructure (SDG9)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/rural-clean-cooking-india/>

## 2. Three Rivers Grasslands Restoration, China

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Guoluo Grassland Sustainable Management Project

**Registry:**

VCS

**Project ID:**

2458

**Type:**

Removal

**Protocol/Methodology:**

VM0026

**Contract ID:**

DLB006, DLB007

**Project Description:**

This Verified Carbon Standard (VCS) and Climate, Community & Biodiversity (CCB) certified project is located in Guoluo Tibetan Autonomous Prefecture, Qinghai Province, China. The project's aim is to restore the local degraded grassland ecosystem by seeding grass on degraded land to increase carbon sequestration and contribute to local development by introducing sustainable grazing and management of the grassland. This project removes over 450,000 MT CO<sub>2</sub>e per year

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Good Health and Well-being (SDG3)
- Gender Equality (SDG5)
- Climate Action (SDG13)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/three-rivers-grassland-restoration-china>

### 3. Tongba Hydro Power, China

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Hunan Tongba Small Hydropower Project

**Registry:**

CDM

**Project ID:**

4408

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

AMS I.D. - Grid connected renewable electricity generation (Version 16)

**Contract ID:**

DLB006

**Project Description:**

Renewable Energy Portfolio - Tongba Hydro Power: Renewable energy projects in this portfolio are vital to help reduce greenhouse gas (GHG) emissions from the growing global demand for energy, as well as to build sustainable infrastructure. Energy generation is one of the biggest emitters of greenhouse gases, and renewable energy investment is a fast and effective solution to reduce these emissions. The specific project is the Hunan Tongba, which is a small hydropower project located in the midstream of the Mishui River, which is the branch of the Xiangjiang River in Yatangpu Town, You County, Zhuzhou City, Hunan Province, People's Republic of China.

Drives progress on the following Sustainable Development Goals:

- Affordable and Clean Energy (SDG7)
- Decent Work and Economic Growth (SDG8)
- Industry, Innovation and Infrastructure (SDG9)
- Climate Action (SDG13)

More details about this project can be found at: <https://cdm.unfccc.int/Projects/DB/TUEV-SUED1296048204.5/view?cp=1>

## 4. Jurua Amazon Rainforest REDD+, Brazil

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

The Valparaiso Project

**Registry:**

VCS

**Project ID:**

1113

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

VM007

**Contract ID:**

DLB006

**Project Description:**

This is one of three Reducing Emissions from Deforestation and Forest Degradation (REDD+) projects that aims to prevent deforestation across 105,000 hectares of pristine rainforest in the Amazon basin, protecting some of the world's most biodiverse habitats.

With the support of carbon finance, the projects work with communities and local groups to help protect ecosystem services while providing alternative models of economic development which avoid destruction of the forest.

This project focuses on granting land tenure and providing agricultural training to prevent deforestation and promote sustainable economic livelihoods.

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Zero Hunger (SDG2)
- Good Health and Well-Being (SDG3)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/acre-amazon-redd-portfolio-brazil/>

## 5. Karst Mountain Afforestation, China

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Anhuang Afforestation Project

**Registry:**

VCS, CCB

**Project ID:**

2310

**Type:**

Removal

**Protocol/Methodology:**

AR-ACM0003

**Contract ID:**

DLB003

**Project Description:**

This project is part of a portfolio of projects restoring over 100,000 hectares of degraded land in total across the north-western provinces of Gansu, Qinghai and Xinjiang, and the south-eastern province of Guizhou supporting a drive to create and conserve nature reserves.

Projects in the north province of Gansu are restoring degraded lands with native tree species to enhance local biodiversity. Tree species including; willow, poplar, elm, spruce, pine, Russian olive, Siberian apricot, and various shrubs.

Qinghai Province is part of the Tibetan Plateau with an altitude of more than 3,000m above sea level. Hailed as the "roof of the world", and the "water tower of Asia", the Plateau is a natural habitat for rare animals. The Qinghai projects are located to the east of Qinghai Lake, the largest lake in China, which sits at the crossroads of several bird migration routes across Asia.

Drives progress on the following Sustainable Development Goals:

- Decent Work and Economic Growth (SDG8)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/chinese-afforestation-portfolio-china/>



## 6. Sichuan Household Biogas, China

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Sichuan Rural Poor-Household Biogas Development Programme

**Registry:**

CDM

**Project ID:**

2898

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

AMS-1.1. ver. 4-Biogas/biomass thermal applications for households/small users and AMS-III.R. ver. 2-Methane recovery in agricultural activities at household/small farm level

**Contract ID:**

DLB002

**Project Description:**

This Gold Standard CDM project distributes small-scale biogas plants to low-income rural households with livestock across the Sichuan Province of China.

To support rural development and environmental protection, the biogas plants digest manure and recover the methane by-product through the process of anaerobic digestion. This offers clean and affordable energy to homes and fertilizer for agriculture.

In addition to reducing greenhouse gas (GHG) emissions, the project improves indoor air quality and sanitation for rural communities. Carbon finance is used to provide financial support, totaling roughly 40% of the cost of the nearly 400,000 biogas plants already distributed.

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Zero Hunger (SDG2)
- Good Health and Well-Being (SDG3)
- Quality Education (SDG4)
- Gender Equality (SDG5)
- Clean Water and Sanitation (SDG6)
- Affordable and Clean Energy (SDG7)

- Decent Work and Economic Growth (SDG8)
- Industry, Innovation, and Infrastructure (SDG9)
- Reduced Inequalities (SDG10)
- Sustainable Cities and Communities (SDG11)
- Responsible Consumption and Production (SDG12)
- Life on Land (SDG15)
- Partnerships for the Goals (SDG17)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/sichuan-household-biogas-digesters-china/>

## 7. Gyapa Efficient Cookstoves, Ghana

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Gyapa Cookstoves Project in Ghana

**Registry:**

GS

**Project ID:**

407

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

GS TPDDTEC v 2.

**Contract ID:**

DLB002

**Project Description:**

Nearly 3 billion people in the developing world cook food and heat their homes with traditional cookstoves or open fires. The World Bank estimates 4 million premature deaths occur every year as a result. In Ghana, more than 80% of the population use solid fuels for cooking.

This project introduces families in Ghana to an efficient cookstove, the Gyapa, that cooks food more quickly, requires nearly 50% less fuel and is less smoky. The stove not only cuts carbon emissions, but also reduces exposure to toxic fumes. Reducing the amount of wood used for cooking saves families as much as \$100 dollars annually, while protecting Ghana’s tree cover, which has decreased 19% since 2000 according to Global Forest Watch. The project provides

training to local metalworkers and ceramists to manufacture Gyapa stoves and distributes through a wide network of local retailers.

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Good Health and Well-Being (SDG3)
- Decent Work and Economic Growth (SDG8)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/gyapa-efficient-cookstoves-ghana/>

## 8. Orb Rooftop Solar, India

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Orb Energy Solar Program in India (POA)

**Registry:**

GS

**Project ID:**

4289

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

AMS - I.C. Thermal energy production with or without electricity

**Contract ID:**

DLB006

**Project Description:**

Orb Energy manufactures, sells, installs, and services a unique range of high-quality solar energy systems for residential and commercial customers in India. This project has brought over 160,000 reliable solar power and solar water heating systems to customers throughout the country while cutting approximately 55,000 MT CO<sub>2</sub>e per year by replacing the use of kerosene or electricity from a grid reliant on fossil fuels.

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Zero Hunger (SDG2)
- Good Health and Well-Being (SDG3)

- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/orb-rooftop-solar-india/>

## 9. Black River Afforestation, China

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

Zhangye City Afforestation Project in Gansu Province

**Registry:**

VCS

**Project ID:**

2370

**Type:**

Removal

**Protocol/Methodology:**

AR-ACM0003

**Contract ID:**

DLB002

**Project Description:**

This project is part of a portfolio of projects restoring over 100,000 hectares of degraded land in total across the north-western provinces of Gansu, Qinghai and Xinjiang, and the south-eastern province of Guizhou supporting a drive to create and conserve nature reserves.

Projects in the north province of Gansu are restoring degraded lands with native tree species to enhance local biodiversity. Tree species including; willow, poplar, elm, spruce, pine, Russian olive, Siberian apricot, and various shrubs.

Qinghai Province is part of the Tibetan Plateau with an altitude of more than 3,000m above sea level. Hailed as the "roof of the world", and the "water tower of Asia", the Plateau is a natural habitat for rare animals. The Qinghai projects are located to the east of Qinghai lake, the largest lake in China, which sits at the crossroads of several bird migration routes across Asia.

Drives progress on the following Sustainable Development Goals:

- Decent Work and Economic Growth (SDG8)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/chinese-afforestation-portfolio-china/>

## 10. Rucas Amazon Rainforest, REDD+, Brazil

**Seller Name:**

Climate Impact Partners

**Registry Project Name:**

The Russas Project

**Registry:**

VCS

**Project ID:**

1112

**Type:**

Avoidance/Emission Reduction

**Protocol/Methodology:**

VM0007

**Contract ID:**

DLB002

**Project Description:**

This is one of three Reducing Emissions from Deforestation and Forest Degradation (REDD+) projects that aims to prevent deforestation across 105,000 hectares of pristine rainforest in the Amazon basin, protecting some of the world's most biodiverse habitats.

With the support of carbon finance, the project works with communities and local groups to help protect ecosystem services while providing alternative models of economic development which avoid destruction of the forest.

Granting land tenure and providing agricultural training to prevent deforestation and promote sustainable economic livelihoods.

Drives progress on the following Sustainable Development Goals:

- No Poverty (SDG1)
- Zero Hunger (SDG2)
- Good Health and Well-Being (SDG3)
- Quality Education (SDG4)
- Decent Work and Economic Growth (SDG8)
- Life Below Water (SDG14)
- Life on Land (SDG15)

More details about this project can be found at: <https://www.climateimpact.com/global-projects/acre-amazon-redd-portfolio-brazil/>

For more information on Dolby's environmental commitments, science-based targets, and greenhouse gas emissions, please see our reports on our [website](#).