Voluntary Carbon Market Disclosures for CA Bill AB 1305

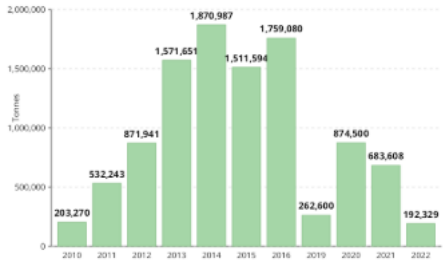
January 1, 2024 - January 28, 2026

Istanbul Landfill Gas to Electricity

Project Details

Activity Types	Landfill Gas Capture
Impact Type	Avoided Emissions
Oxford Category	Technology-based Reductions
Developer	Ortadoğu Enerji
Methodology	ACM0001
Crediting Period	2009 - 2023
Purchased From	CNaught Inc.
Registry	Gold Standard (GS 707)
Verifying Body	RINA Services S.p.A.

Credits by Vintage



Project Description

This project supports collection of landfill gas and generation of more than 51MW of electricity at the Odayeri and Komurcuoda landfill sites near Istanbul in Turkey. Like most landfills, these sites throw off methane as some of the waste decomposes. Credits are generated from two pieces of the project: (1) avoiding the emissions of methane (a potent greenhouse gas) into the atmosphere and (2) using the power generated from the methane (natural gas) to displace dirtier coal-fired power coming from the electric grid. The project clearly required carbon revenues to achieve these two goals and therefore generates high-quality carbon offsets.

Location

Istanbul, Turkey

Risk of Reversal

This project has no risk of reversal because its avoided emissions are not subject to being undone.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

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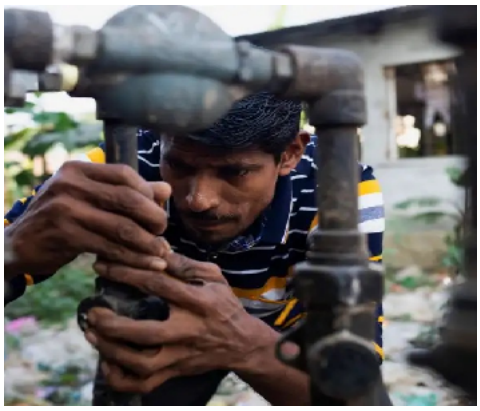
Titas Gas Leak Repair

Project Details

Activity Types	Fugitive Emissions Reduction
Impact Type	Avoided Emissions
Oxford Category	Technology-based Reductions
Developer	Titas Gas Transmission & Distribution Co.
Methodology	AM0023
Crediting Period	2017 - 2027
Purchased From	CNaught Inc.
Registry	Verra (VCS 2478)
Verifying Body	TUV SUD



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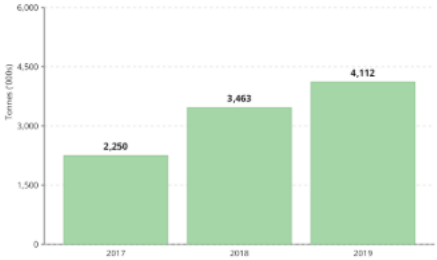

Project Description

Located in Greater Dhaka, Bangladesh, this project reduces natural gas leaks from a gas distribution network in Bangladesh through the use of an advanced leak detection and repair program. Natural gas is a potent greenhouse gas and the technology is available to detect and repair pipeline leakage. But, without carbon credit revenue, deploying that technology would not be economical (or otherwise required) in Bangladesh. Beyond being highly additional and conservative with its emission reduction calculations, this project also supports the safety and well-being of local communities by improving their access to a cleaner source of energy.

Location

Greater Dhaka, Bangladesh

Risk of Reversal

This project has little to no risk of reversal because its avoided emissions are not subject to being undone.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

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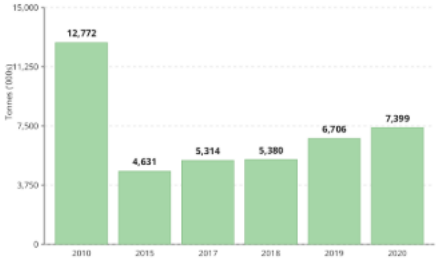
Katingan Mentaya Conservation

Project Details

Activity Types	Avoided Deforestation, Wetland Restoration and Conservation
Impact Type	Avoided Emissions
Oxford Category	Nature-based Reductions
Developer	PT. Rimba Makmur Utama (PT. RMU)
Methodology	VM0007
Crediting Period	2010 - 2070
Purchased From	CNaught Inc.
Registry	Verra (VCS 1477)
Verifying Body	SCS Global Services

Credits by Vintage



Project Description

The Katingan Mentaya Conservation project protects and restores 149,800 hectares of peatland ecosystems in Indonesia. The surrounding land was drained and converted to palm and other plantations, and the project prevents the protected area from the same fate. The are is a vitally important and dense carbon sink. While peatlands represent only 0.3% of the earth's surface, their destruction contributes between 2-5% of annual anthropogenic greenhouse gas emissions. Katingan is one of the highest-regarded, large-scale avoided deforestation projects in the world.

Risk of Reversal

Nature-based projects like this one face some risk of reversal. Carbon storage may be affected by natural hazards such as wildfires, flooding, and escalating climate change impacts. Additionally, human-driven factors such as changes in land use or local governance structures can also impact carbon storage.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

Location

Central Kalimantan, Indonesia

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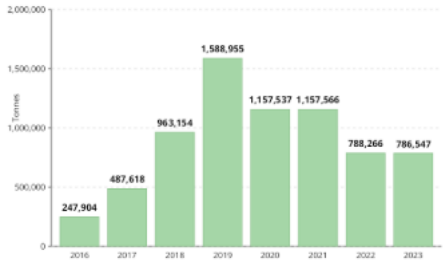
Kuamut Rainforest Conservation

Project Details

Activity Types	Improved Forest Management
Impact Type	Avoided Emissions
Oxford Category	Nature-based Removals
Developer	Permian Malaysia
Methodology	VM0010
Crediting Period	2015 - 2045
Purchased From	CNaught Inc.
Registry	Verra (VCS 2609)
Verifying Body	Earthood

Credits by Vintage



Project Description

This project is protecting over 83,000 hectares of biodiverse tropical forests from intensive logging. The project area is creating jobs, supporting the regrowth of logged forests and fostering biodiversity. The project area is known to support populations of elephants, banteng, orangutan, and endangered bird species including the Helmeted Hornbill, Bornean Peacock Pheasant and Storm's Stork.

Risk of Reversal

Nature-based projects like this one face some risk of reversal. Carbon storage may be affected by natural hazards such as wildfires, flooding, and escalating climate change impacts. Additionally, human-driven factors such as changes in land use or local governance structures can also impact carbon storage.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

Location

Malaysia

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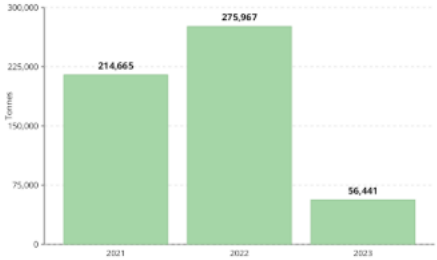
X-Hazil

Project Details

Activity Types	Improved Forest Management
Impact Type	Removal
Oxford Category	Nature-based Removals
Developer	THEEARTHLAB SA de CV
Methodology	CAR Mexico Forest Protocol V3.0
Crediting Period	2021 - 2121
Purchased From	CNaught Inc.
Registry	Climate Action Reserve (CAR 1863)
Verifying Body	ANCE

Credits by Vintage



Project Description

This project focuses on Improved Forest Management through strategic interventions in forest ecosystems. It aims to enhance sustainability by implementing regeneration practices that improve tree mass structure and maintain forest coverage. The project emphasizes maintaining the functional integrity of ecosystems while implementing silvicultural treatments and Forest Stewardship Council (FSC) monitoring protocols to ensure proper forest management.

Location

Yucatan Peninsula, Mexico

Risk of Reversal

Nature-based projects like this one face some risk of reversal. Carbon storage may be affected by natural hazards such as wildfires, flooding, and escalating climate change impacts. Additionally, human-driven factors such as changes in land use or local governance structures can also impact carbon storage.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

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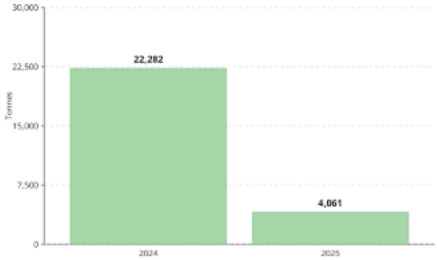
Farm Gai Kaisa

Project Details

Activity Types	Biochar
Impact Type	Removal
Oxford Category	Technology-based Removals
Developer	Planboo
Methodology	Puro.earth Biochar
Crediting Period	2024 - 2029
Purchased From	CNaught Inc.
Registry	Puro.earth (PUR 226049)
Verifying Body	Earth Services Limited

Credits by Vintage



Project Description

This project converts invasive bush into biochar, delivering permanent carbon removal while restoring the local savannah ecosystem. The project has already removed nearly 15,000 tonnes of CO_2 and aims to remove 329,000 tonnes by 2030. The project's biochar is given to local farmers to enhance their soil's health and boosts crop yields.

Risk of Reversal

Biochar faces low risk of reversal when applied in soil due to fire, flooding, or extreme drought. However, due to its highly stable carbon structure, high-quality biochar is considered to have a very low risk of reversal when used for carbon sequestration, with the potential to store carbon for centuries.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

Location

Namibia

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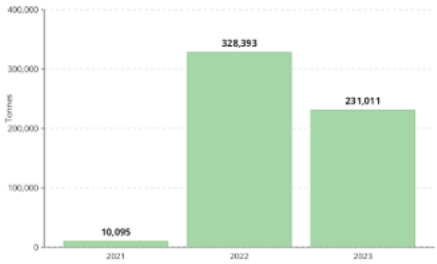
Anew - Michigan DNR Wolverine-Copper Forestry Project

Project Details

Activity Types	Improved Forest Management
Impact Type	Mix of Removals and Avoidance / Reduction
Developer	Anew
Methodology	ACR - Improved Forest Management (IFM) on Non-Federal U.S. Forestlands (Version 1.3)
Crediting Period	2021 - 2041
Purchased From	NA
Registry	ACR (ACR 690)
Verifying Body	SCS Global Services

Credits by Vintage



Location

United States

Project Description

Anew - Michigan DNR Wolverine-Copper Forestry Project is located on over 120,000 acres across the Upper and Lower Peninsula of Michigan. The project will provide significant climate benefits through carbon sequestration via sustainable forest management. The project area is utilized by outdoor enthusiasts, wildlife, and industry.

Risk of Reversal

Nature-based projects like this one face some risk of reversal. Carbon storage may be affected by natural hazards such as wildfires, flooding, and escalating climate change impacts. Additionally, human-driven factors such as changes in land use or local governance structures can also impact carbon storage.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.

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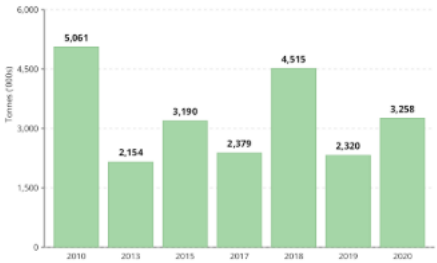
REDD project in Brazil nut concessions in Madre de Dios, Peru

Project Details

Activity Types	Avoided Deforestation
Impact Type	Avoided Emissions
Developer	Bosques Amazónicos
Methodology	VM0007 REDD+ Methodology Framework (REDD+MF)
Crediting Period	2010 - 2040
Purchased From	NA
Registry	Verra (VCS 868)
Verifying Body	SCS Global Services

Credits by Vintage



Location

Peru

Project Description

BAM has entered into a long term partnership with the Madre de Dios Federation of Brazil nut Concessioners (FEPROCAMD) aimed at preventing deforestation and preserving environmental integrity on 300,000 hectares of concession land in high quality rainforest. The project is helping to establish initiatives which will increase both the value of the healthy forest and the income generated through sustainable Brazil nut harvesting, empowering concessioners to protect and maintain their forest. Currently, concessioners' activity is limited to subsistence Brazil nut collection and, in a very few cases, subsistence forestry. The long-term wellbeing of concessioners and their families is highly dependent on the health of local ecosystems, but they have few resources with which to protect their concessions. Illegal deforestation on concession land has increased due to the new InterOceanic Highway, which passes through Madre de Dios. The construction of this road has brought unusually high numbers of migrants to the area, many of whom use concession land to fulfill their housing and work needs. There have been significant increases in unsustainable, illegal, small-scale agriculture and logging.

Risk of Reversal

Nature-based projects like this one face some risk of reversal. Carbon storage may be affected by natural hazards such as wildfires, flooding, and escalating climate change impacts. Additionally, human-driven factors such as changes in land use or local governance structures can also impact carbon storage.

Accountability Measures

A registry-managed buffer pool exists to safeguard against project reversals. If a carbon storage project is reversed, credits from the buffer pool compensate for the shortfall, preserving environmental integrity.