NEWSLETTER



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Empowering Sustainability:

Uniting Communities for a Greener Tomorrow

Welcome to the maiden voyage of our newsletter, a chronicle of our collective efforts to reshape our world into one that thrives climate action and sustainably. As stewards of our planet's future, we embark on a journey through the heartlands of carbon offsetting, regulatory landscapes, and the transformative power community action. Within these digital pages, you'll discover the heartbeats of our initiatives, the milestones of our progress, and the visions that guide our every endeavor.



GLOBAL CARBON COUNCILS LETTER DE LE CARBON COUNCILS LE CARBON COUNCILS



Dr. Yousef M. AlhorrFounding Chairman
Global Carbon Council

Chairman's Message

It is with great pleasure that I welcome you to the inaugural edition of the Global Carbon Council (GCC) newsletter—a platform designed to reflect our collective momentum in advancing climate action and sustainability.

At GCC, our commitment remains clear: to empower countries, communities, and stakeholders through credible, high-integrity carbon market solutions. As we expand our reach and impact, we are focused on supporting the real-world implementation of Article 6 mechanisms, enabling climate ambition to translate into measurable results.

From the early days of the Kyoto Protocol's compliance market to today's evolving voluntary, CORSIA, and Article 6.2 markets, the carbon landscape has transformed—bringing new opportunities for impact and inclusive growth. These streams of carbon markets are not just pathways for emissions reduction; they are essential mechanisms to unlock climate finance, support sustainable development, and promote equity, particularly across the Global South.

GCC is stepping forward to support countries in accelerating their Article 6.2 implementation. Our vision is to provide countries with access to a flexible, interoperable carbon market infrastructure through an independent national registry solution—equipped for transaction tracking, ITMO authorization, and global integration. This solution is designed to help overcome persistent capacity gaps and ensure countries can participate meaningfully in international carbon markets.

In line with this vision, I am pleased to share that GCC has been granted full approval under CORSIA Phase I by the International Civil Aviation Organization (ICAO). This endorsement allows GCC to issue internationally recognized carbon credits for aviation compliance and affirms our standing as a trusted partner in the global carbon market landscape.

Our work is grounded not only in technical rigor but also in accessibility. We recognize the challenges faced by many countries in operationalizing carbon markets—from institutional readiness to digital infrastructure. Through our evolving registry system, robust methodologies, and capacity-building efforts, we are helping to bridge these gaps with solutions that are deployable today.

Project Registration Highlights Progress in Motion

Explore the latest strides in project registration as we journey through the dynamic realm of carbon offsetting initiatives. From impressive numbers of projects in progress to the shining stars that have already joined our esteemed community, witness how GCC is at the forefront of driving a more sustainable tomorrow.

Registered Projects

As of today, we proudly announce the registration of **143 projects***, each representing a significant milestone in our collective efforts towards a more sustainable future. Other projects are under different stages of active GCC registration process, which mainly includes Completeness Check, Project Verification and the final stage of projects submitted for registration.

Projects
Registered

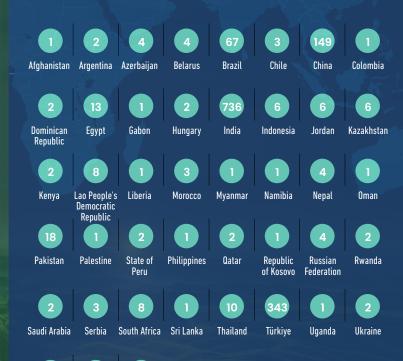
*Data as of 15.04.2025

These numbers signify not just statistics, but a testament to the unwavering commitment and collaboration of stakeholders across the globe.

Total Submissions

A staggering **1,540* projects** have been submitted to GCC, showcasing a profound commitment to carbon reduction and environmental stewardship. These projects have been submitted from more than **43 countries** of different regions, as under.

7540 Projects Submitted



108

GLOBAL CARBON COUNCILS LETTER

In this edition, we shine a spotlight on two remarkable projects of this quarter that exemplify innovation, sustainability, and impact within the community.

Mui Ne Solar Power Project • Viet Nam





Located in Binh Thuan Province, Viet Nam, the 40 MW Mui Ne Solar Power Project harnesses mono-crystalline solar technology to generate clean electricity. By supplying over 61,500 MWh annually to the national grid, the project displaces fossil fuel-based power and is expected to reduce approximately 53,203 tCO₂e each year. Over its 10-year crediting period, it will achieve a cumulative reduction of more than 530,000 tCO₂e—contributing meaningfully to Viet Nam's climate goals and energy transition.

Methodology

ACM0002

Grid-connected electricity generation from renewable sources

Project Owner

Duc Thanh Mui Ne Joint Stock Company

Country

Viet Nam

Environmental

- · Reducing carbon emissions
- Proper waste management plans such as hazardous, waste and more
- Implementing water management plans
- Replacing fossil fuels with renewable energy



Social

- · Creating long-term jobs
- · Supporting income generation
- Proper health and safety
- Management and providing trainings
- Proper sanitation and waste management
- Empowering women
- · Protecting human rights

Contribution to SDGs



The project will deliver 61,571 MWh MWh/year of renewable energy on an average.



The project creates aboveaverage paying jobs, ensuring equal employment and salary opportunities for women and men.



Reducing GHG emissions.

Coromandel Renewable Energy Project • Brazil





Situated in Minas Gerais, Brazil, the Coromandel Solar Project comprises two photovoltaic plants—UFV Coromandel 1 and 2—with a total installed capacity of 60 MW, spanning over 193 hectares. The project delivers approximately 159,184 Mwh/year of clean electricity annually to Brazil's National Interconnected System (SIN), effectively displacing fossil fuel-based generation. By feeding renewable power into the grid, the project contributes significantly to Brazil's emission reduction efforts and supports the country's shift towards a low-carbon energy future.

Methodology

ACM0002

Grid-connected electricity generation from renewable sources

Project Owner

Usina de EnergiaFotovoltaica de Coromandel S.A.

Country

Brazil

Environmental

- · Reducing carbon emissions
- Proper waste management plans such as hazardous, waste and more
- Implementing water management plans
- Proper water management plans
- Replacing fossil fuels with renewable energy



Social

- Creating long-term jobs
- Proper health and safety Management
- Proper sanitation and waste management
- Empowering women
- Protecting human rights

Contribution to SDGs



Monthly food baskets for 20 vulnerable families to reduce food insecurity.



Providing education via online training and computer donations to the local community.



Equal job opportunities and income for women supported by internal policies and training programs.



Generating 159,184 MWh/year clean energy annually.



Provides safe, legally compliant jobs under the CLT regime, ensunna labor rights; currently employs 9 people.



Reducing GHG emissions.

Issuance Snapshot: Testament to Progress



ACCs Issued Till Date: A total of **11 million*** ACCs have been issued making significant progress in acknowledging emission reductions achieved.



Kickstart of GCC 2.0 Project portal for issuances: Over **10 PMR's Submitted under GCC 2.0 project portal for issuance of ACC's.** More projects in the Process of transitioning from GCC 1.0 Standard to GCC 2.0 Program Standard.



ACC Issuance Requests Under Assessment by GCC: Additionally, 23 projects* are undergoing verification for forthcoming issuances amounting to a total of around 3.00 Million* ACCs reflecting ongoing efforts to evaluate and process ACC issuance requests in line with program guidelines and standards.

Regulatory Progress

Program of Activities (PoA): A comprehensive GAP analysis has been completed, and updates have been initiated to integrate PoA into the GCC regulatory framework.

ICVCM Alignment: Initial inputs from the Integrity Council for the Voluntary Carbon Market (ICVCM) have been received. Further updates are being finalized to align with ICVCM approval requirements.

DMRV-Based Carbon Market Standard: Workstreams 1 to 4 have commenced for the development of the carbon market's first digital Monitoring, Reporting, and Verification (DMRV)-based standard. A draft standard is currently being prepared for regulatory approval and stakeholder consultation.

DMRV Solution Provider Standard: The world's first dedicated standard for approving DMRV solution providers has been drafted and is currently under internal review.

Nature-based Solutions (NbS): Forms and templates to operationalize the NBS track of projects within the GCC system are being finalized. Draft templates are under internal review.

Global Carbon Council Submits Program-level assessment Application to ICVCM

GCC is pleased to share that it has formally submitted its application for Program-level assessment and approval to the Integrity Council for the Voluntary Carbon Market (ICVCM). This milestone represents GCC's continued commitment to enhancing the quality, transparency, and impact of its carbon crediting program.





*Data as of 15.04.2025

Verified for Impact: GCC's Expanding VVB Community

GCC Approved VVBs

Step into the realm of carbon verifiers with GCC's latest update. Our esteemed independent consortium of GCC Approved Validation and Verification Bodies (VVBs) stands as guardians of precision and trust, ensuring the credibility of every carbon offsetting endeavor. Discover the latest advancements, approvals, and assessments shaping the landscape of sustainability. From new partnerships on the horizon to the meticulous scrutiny of existing VVBs.

New Applicant Verifiers:

We are expanding our horizons with new verifiers, the applications are under process:

 TÜV NORD CERT GmbH (Essen, Garmany) Our ensemble of GCC Approved VVBs stands at the forefront of ensuring the integrity and accuracy of our carbon offsetting endeavors. With 19 such VVBs on board, including:

- Carbon Check (India) Private Limited (CCIPL) (Noida, India)
- KBS Certification Services Private Limited (Faridabad, India)
- EPIC Sustainability Services Private Limited (Bengaluru, India)
- Earthood Services Private Limited (Gurugram, India)
- 4K Earth Science Private Limited (Bengaluru, India)
- Verico SCE (Langenbach, Germany)
- CTI Certification Co., Ltd (Shenzhen, China)
- Re Carbon Gözetim Denetim Ve Belgelendirme Limited Şirketi, (Ankara, Turkey)
- LGAI Technological Center S.A. (Barcelona, Spain)
- TUV SUD South Asia Private Limited (Pune, India)
- Bureau Veritas India Private Limited (Mumbai, India)
- Enviance Services Private Limited (Indore, India)
- Petroltecnica Environmental Services LLC (Doha, Qatar)
- DNV Business Assurance India Private Limited (Mumbai, India)
- Global Sustainability Solutions and Services QFZ LLC (Doha, Qatar)
- EcoLance Private Limited, Thane (India)
- SustainCERT SA (Livange, Luxembourg)
- BMNS Services Private Limited (BMNS) (Gurugram, India)
- Verifit S.A.S. (Antioquia, Colombia)

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Innovating for Impact: GCC's Latest Methodologies and Tools

Advancing Climate Action with Carbon Capture and Storage (CCS)

GCC has introduced a dedicated methodology for Carbon Capture and Storage (CCS) project activities GCCMT001—setting a new prospect in the voluntary carbon market.

As CCS projects continue to grow globally, this forward-looking methodology offers a timely and robust framework to support their development and implementation. Developed over 2.5 years, it reflects insights from expert reviewers, governance bodies, and a wide range of global stakeholders—including academia, technology providers, financial and legal institutions.

The methodology provides conservative approaches to ensure integrity of the methodology outputs:

- Supports coal phase-down efforts by allowing retrofits only in regions with regulations
- Historical emissions data tools cap credits from projects impacting source plant performance
- New infrastructure build by project applying this methodology must meet performance benchmarks based on the top 20% of regional plant efficiency
- Safeguards prevent excess claims from feedstock or process changes
- Adjustment factors account for rising renewable energy penetration in grids

With these features, GCC's CCS methodology paves the way for credible, high-integrity emission reductions in the evolving carbon market landscape.



Read more

Methodology Document

Guidance Document

Energy Efficiency Measures in existing Centralized Cooling Systems

GCC has introduced an innovative methodology Energy Efficiency Measures in Existing Centralized Cooling Systems (GCCM006). This initiative addresses the urgent need for sustainability by promoting advanced energy efficiency measures, reducing energy consumption, and contributing to the region's low-carbon transition.

Read more

Methodology for Emission Reductions from Private Carpooling

GCC has published the GCCM007 Methodology for Private Carpooling for Long-Distance Inter-Urban Travel. This methodology provides a structured and scientifically validated approach to quantifying greenhouse gas (GHG) emission reductions from carpooling activities, supporting sustainable transport solutions.

Read more

Empowering NbS: Advancements in Methodologies and Tools for AFOLU Projects

Explore our latest strides in AFOLU innovation, from the cutting-edge Non-Permanence Risk Tool to upcoming developments in the estimation of GHG emissions from peatland fires and further refinement of the already approved methodologies. Explore our ongoing efforts to drive sustainability and effectiveness in Nature based Solutions (NbS).

In February, we proudly unveiled the innovative: Non-Permanence Risk Tool. Specifically tailored for Agriculture, Forestry, and Other Land Use (AFOLU) projects, this tool assesses, and maps risks associated with carbon storage, ensuring the integrity of GCC AFOLU credits.

Key Features:

- Assess and map risks across environmental, financial, management, and social categories
- Automatic calculation of projectspecific buffer contributions
- Assessment of project eligibility for GCC registration



Learn more

User's Guide GCC Non-Permanence Risk Tool

Non-Permanence Risk Tool

Tools for Estimating GHG Emissions and Carbon Stocks in NbS Projects

GCC has released two new Nature-based Solutions (NbS) tools: the GCC Tool for Estimation of Non-CO₂ GHG Emissions Resulting from Burning of Biomass Attributable to an NbS Project Activity (GCCTA001 v1.0) and the GCC Tool for Estimation of Carbon Stocks and Change in Carbon Stocks in Dead Wood and Litter in an NbS Project Activity (GCCTA008 v1.0). These tools offer scientifically sound approaches to support project developers in quantifying greenhouse gas (GHG) emissions and carbon stock changes in NbS projects. Similarly to all other GCC tools, the new tools follow the latest IPCC guidelines, promote precision in calculations and allow for consistent GHG emissions reporting.

Read more

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Tool for Estimating GHG Emissions from Peat Oxidation and Burning

The GCC has published the GCC Nature-based Solutions (NbS) Tool for Estimating GHG Emissions from Oxidation and Burning of Peat (GCCTA004 v1.0). The tool provides a structured and scientifically robust approach to quantifying greenhouse gas (GHG) emissions from drained peatlands, caused by oxidation, and fires.

Read more

NBS Methodology for Forestry Project Activities on Lands except Wetlands

The GCC NBS Methodology for Forestry Project Activities on Lands Except Wetlands GCCMA001 provides a framework for estimating climate benefit from implementing forestry projects that contribute to climate goals while promoting biodiversity.

Read more

GCC NBS Methodology for Project Activities on Degraded Mangrove Habitats

The GCC recognizes the significant potential of restoration of mangrove ecosystems in mitigating climate change and enhancing biodiversity. The methodology GCCMA002 applies to projects promoting effective restoration and sustainable management of these endangered habitats. This methodology offers a structured approach to estimating changes in carbon stocks and GHG emissions resulting from restoration of degraded mangrove ecosystems.

Read more

Methodologies under development

As part of our commitment to expanding high-integrity climate solutions across sectors, the GCC is currently developing the following methodologies:

- GCCNM001: Scaling-up energy efficient buildings and neighborhoods
- GCCNM002: Green Hydrogen for low carbon Ammonia
- GCCNM003: Charging stations for EVs
- GCCNM004: Grid connected RE wheeling electricity to third party users
- GCCNM005: Early decommissioning of coal power plants
- GCCNM006: Grid connected Battery Energy Storage System and Pump Storage
- GCCNM007: Avoidance of Methane from Rice cultivation
- GCCNM008: Biomass Carbon conversion to durable biochar
- GCCNM009: Methodology for reducing emission intensity in the dairy sector (enteric fermentation)
- GCCNM010: Replacement of HFC with non-GWP Refrigerants
- GCCNM011: Collection and destruction of GWP refrigerants at destruction facility

These upcoming methodologies are designed to address emerging mitigation opportunities and scale impactful climate action across energy, agriculture, waste, and industrial sectors.

On Track: Developments in the GCC Article 6 National Registry

GCC is advancing efforts to operationalize Article 6.2 of the Paris Agreement by supporting the transfer of GCC-issued carbon credits as Internationally Transferred Mitigation Outcomes (ITMOs). Recognizing the technoeconomic barriers faced by the developing countries, ranging from limited infrastructure and technical capacity to financing and know-how—GCC has established an integrated and

interoperable carbon market registry system designed to facilitate the implementation of Article 6.2 of the Paris Agreement, enabling transparent, countrylinked crediting and transaction tracking. National Registry Solution will offer a unique solution to help countries accelerate the operationalization of Article 6.2. This system streamlines the issuance and retirement of ITMOs while facilitating the generation

of Biennial Transparency Reports (BTRs), ensuring compliance and efficiency in carbon market mechanisms. The GCC's National Registry is designed to provide a seamless, intuitive, and secure digital experience, ensuring ease of use for all stakeholders involved. Major advantages of Operationalization of Article 6.2 with GCC National Registry Solution is as under:



Revenues for Mitigation

Governments can generate carbon finance by selling ITMOs and applying corresponding adjustment fees. Funds can be reinvested in mitigation actions or NDC implementation.

Technology Transfer

Article 6.2 facilitates clean tech transfer, fostering innovation in the region.

Support for Expensive Measures

It will support providing access to affordable technologies contributing to emissions reduction.

Sustainable Development
Co-Benefits

Mitigation actions offer

Mitigation actions offer co-benefits like improved air quality and job creation.

NDC Support

Enables countries to achieve NDCs and contribute to decarbonizing economies.

Capacity Building

It will foster innovation and build capacity, contributing to low carbon sustainable development.

GCC team has recently published a booklet describing details about its Integrated and Interoperable Carbon Market & National Registry Infrastructure for Implementation of Article 6.2 of the Paris Agreement.

Read more

This comprehensive National Registry Solution platform will connect to GCC New Projects Portal and SnP Transaction Registry and will offer:

- A complete one stop carbon market infrastructure
- Technical support from the GCC Program
- ITMO issuance and retirement functionality
- Tools for preparing Biennial Transparency Reports (BTRs)

To further accelerate implementation, GCC is exploring collaboration opportunities with other organiza-tions to help unlock greater carbon finance for climate action in developing countries. The National Rgesitry solution is expected to be operational from June 2025.

New In GCC

A Big Leap for Carbon Markets: The Launch of GCC 2.0 and Projects Portal

We are excited to announce the official launch of GCC 2.0 on 01 February 2025. This enhanced version brings a streamlined approach, updated regulatory documents, and new tools to support your projects.

- Updated Regulatory and Procedural Documents of GCC 2.0
- New Templates and Forms of GCC 2.0
- GCC 2.0 Transition Plan
- FAQs

Bringing a new era of efficiency and transparency to carbon markets, the GCC 2.0 Project Portal is designed to simplify project registration, issuance, and tracking—all in one place.

The GCC 2.0 Project Portal is transforming how projects are registered, tracked, and issued—making it easier and faster for stakeholders to navigate the carbon market. From digital workflows to enhanced project data, explore the future of carbon project management.

This portal is one of the first of its kind in carbon markets, ensuring structured, efficient, and transparent project processes.

- Fully digital workflows Online submission of forms, checklists & reports
- Seamless transition from GCC 1.0 to GCC 2.0
- Integrated project registration & issuance on a single platform
- New LoA format allowing up to three project owners to share credits
- Automated alerts & clear timelines for predictable outcomes
- Enhanced public portal with more project data for stakeholders
- Mandatory site-specific photos & videos for added transparency
- Support for Article 6.2 & CORSIA
 Expanding access to new markets
- Customized dashboards for all stakeholders, including host countries
- Integration with dMRV efforts for near real-time issuance of credits
- Validator & verifier management system to track performance

GCC Selected by World Bank to Develop Carbon Standard for Energy Access in Africa

GCC has been selected by the World Bank to develop a high-integrity carbon standard for energy access under the Accelerating Sustainable and Clean Energy Access Transformation (ASCENT) program. This initiative will establish a robust framework to scale clean energy projects through carbon finance, focusing on expanding energy access across Eastern and Southern Africa.

GCC's Methodologies Expert Joins IPCC Special Report on Climate Change and Cities

We are proud to announce that
Dr. Victoria Novikova, Senior
Manager – Methodologies at GCC,
GORD, has been selected as a
Coordinating Lead Author for
the IPCC Special Report on
Climate Change and
Cities, set to be
released in
March 2027.

Events Highlights

Here's a look at the key platforms where GCC contributed to the global carbon market dialogue this quarter:

IETA MENA Carbon Market Dialogue

Abu Dhabi



COO, Kishor Rajhansa spoke on project trends and regulatory developments in MENA; shared GCC's carbon capture methodology supporting DAC, BECCS & CCUS.

Carbon Forward Middle East 2025

🙎 Abu Dhabi



COO, Kishor Rajhansa joined a panel on Middle East carbon market compliance, highlighting GCC's support for Article 6.2 and the impact of CORSIA Phase 1.

GCC-Arab League Collaboration

Cairo



Founding Chairman, Dr. Yousef Alhorr signed an MoU with the League of Arab States (LAS) to build capacity on Article 6, promote decarbonization, and strengthen regional carbon markets.

PRAKRITI 2025 – Intl. Carbon Market Conference & New Delhi



Senior Director, Amit Thusu spoke on the need for price transparency and OTC transaction digitalization in voluntary carbon markets.

GWECCC 2025 Planning Meet

Doha



GORD & GCC leadership, including Dr. Yousef Alhorr, Founding Chairman hosted the GWECCC Organizing Committee to advance planning for the 2025 edition.

Nepal Carbon Market Workshop

Kathmandu



Sr. Manager – Stakeholder Management, Ashok K. Chandhel presented GCC's model to monetize Nepal's hydropower potential via carbon credits.

Bangladesh Leadership Meeting

Dhaka



Sr. Manager – Stakeholder Management, Ashok K. Chandhel met with Prof. Muhammad Yunus and senior advisors to explore Bangladesh's carbon market readiness and collaboration opportunities.

Oman Climate Week 2025

Muscat

COO, Kishor Rajhansa contributed to discussions on scaling renewable energy and financing mechanisms to support the COP28 pledge of tripling renewables by 2030.

ZET Financing Workshop

New Delhi



Sr. Manager – Registry, Shalini Singhi shared insights on using high-integrity carbon credits to unlock finance for Zero Emission Trucks under Article 6.2.

Eastern Africa Regional Dialogue

Nairobi



Sr. Director, Hemant Nandanpawar, spoke on operationalizing Article 6 through VCMs to unlock sustainable development investments.

15

Capacity Building Initiatives

In this quarter, a series of targeted webinars and O&A sessions have been hosted to support stakeholders in navigating the enhanced functionalities of the GCC 2.0 Project Portal. These initiatives have focused on building understanding, boosting user confidence, and ensuring a smooth transition across all roles in the carbon project lifecycle.



Held on **January 13, 2025**, this session walked Project Owners through updated workflows and tools within the GCC 2.0 Project Portal—offering practical tips for smoother submissions and better project management.

350+
PARTICIPANTS

GCC 2.0 Project Portal Webinar on PSF and PRC Preparation

On March 13, 2025, participants explored practical aspects of project submission and post-registration changes. The session covered everything from account setup and environmental impact assessment to SDG contributions and compliance insights.

300+
PARTICIPANTS

GCC 2.0 Project Portal Demonstration Webinar for VVBs

Tailored for Validation and Verification Bodies (VBBS), the **January 15, 2025** session focused on verifier-specific workflows, clarification handling, issuance submissions, and performance tracking.

275+
PARTICIPANTS

LIVE Q&A – GCC 2.0 and Projects Portal

A concluding Q&A session held on March 20, 2025, brought together over 100 stakeholders. The session addressed frequently asked questions on registration, issuance, PRC processes, and project transition from GCC 1.0 to GCC 2.0.

250+
PARTICIPANTS



Thank You

Kishor Rajhansc

Chief Operating Officer

Hemant Nandanpawar

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