



Global Assistance Program

Enabling Effective Climate Action

A global platform that facilitates the voluntary carbon market by efficiently connecting buyers and sellers of carbon credits worldwide to mitigate climate change through innovative market-based solutions.

[United Kingdom](#)

ENABLING EFFECTIVE CLIMATE ACTION

Global Assistance is a UK-based carbon marketplace founded with the mission to drive meaningful global climate impact by improving accessibility to high-quality carbon credits.

A transparent trading platform and standardized contracts to connect corporations seeking to fulfil net-zero pledges with verified emissions reduction and carbon sequestration projects worldwide. This will facilitate large-scale trading of carbon credits.

A curated Project Marketplace showcasing natural climate solution projects focused on nature restoration, conservation, and clean energy access. This allows corporations to identify projects aligned with their sustainability commitments and contribute to targeted, measurable impact.

Powered by space-based monitoring, artificial intelligence, and blockchain technology, Global Assistance Program will enable robust, transparent quantification and verification of carbon credits. This empowers businesses to complement internal decarbonization initiatives with certified external emissions reductions.

With the urgency of climate action, Global Assistance Program is committed to scaling the global voluntary carbon market. Our aim is to enable all market participants - corporations, project developers, governments, and local communities - to trade high-quality carbon credits effectively.

Global Assistance Program will offer distinct platforms and products that will cater to the needs of different carbon credit buyers and sellers. The exchange will facilitate the sale of large-scale, high-quality carbon credits through standardized contracts that cater primarily to multinational corporations and institutional investors. The Project Marketplace will offer a verified and UNFCCC Clean Development Mechanism (CDM) projects that can meet corporate sustainability objectives.

Global Assistance Program will offer tailored platforms to meet the needs of different carbon credit buyers and sellers:

- The carbon credit exchange will facilitate large-scale trades through standardized contracts catering primarily to multinational corporations and institutional investors.
- The Project Marketplace will showcase verified emissions

reduction projects compliant with UNFCCC Clean Development Mechanism (CDM) standards to help corporations meet sustainability goals.

By connecting buyers and sellers through robust, trusted platforms, Global Assistance Program aims to accelerate our collective climate impact. We welcome you to join us in driving meaningful change.

FACILITATING CARBON CREDIT TRADING

Global Assistance Program will launch two key digital platforms to accelerate the carbon credit market: the Carbon Exchange for standardized large-scale trading, and the Project Marketplace for direct project purchases.

The Carbon Exchange

The Carbon Exchange will enable corporate and institutional buyers to trade large volumes of verified, high-quality carbon credits through standardized contracts. This exchange will provide price transparency and liquidity.

Standardized contracts will define credit quality parameters and terms of trade. By pooling credits from multiple projects that meet these benchmarks, the exchange will facilitate large-scale transactions compared to buying directly from individual projects.

The Project Marketplace

The Project Marketplace will allow buyers to purchase premium carbon credits directly from specific emissions reduction and sequestration projects. Each project will have detailed risk and pricing data for informed decision making.

This marketplace is ideal for mission-driven organizations to make custom purchases aligned with their sustainability priorities. Credits will come from projects verified for quality, transparency, impact, and credibility.

Together, the Carbon Exchange and Project Marketplace will serve different buyer needs – liquidity at scale versus targeted, project-specific purchases – while upholding

GAP high standards for carbon credit quality and climate impact

“The role of carbon markets and trading was a major focus at COP28 climate negotiations.

With many countries and corporations pursuing net-zero emissions targets, demand for high-quality carbon credits continues to grow.

COP28 reiterated the need to scale carbon trading through robust standards and verification to ensure real emissions reductions.”

OUR SOLUTIONS

- Originating High-Quality Carbon Credits through Nature-Based Solutions (Project Identification, Project Design, Development & Validation, UNFCCC validation, and Monitoring & Issuance)
- Carbon Credit Trading
- Carbon Portfolio Management.
- Carbon Market Analytics

Our vision is to serve as a leading hub for sustainable finance and emissions trading, facilitating the transition to a low-carbon future

OUR JURISDICTIONAL AND NESTED REDD+ FRAMEWORK SOLUTIONS

The world's first framework for high-impact forest conservation.

The **VCS Jurisdictional** and **Nested REDD+ (JNR)** Framework helps entities with forest related emission reduction activities to integrate their efforts into governmental climate goals. It also gives governments a framework to generate greenhouse gas credits for their REDD+ programs and to nest projects and other site-specific, lower-level efforts (a tourism operation, a new agroforestry planting, a new governance initiative to control illegal deforestation). Linking site-level forest conservation with jurisdictional goals, capacities, and resources allows governments to incentivize conservation and accelerate progress toward their long-term climate objective.

Pakistan

Pakistan is endowed with diverse forest ecosystems that are integral to the country's economy, environment, and cultural heritage. Despite covering only 5.2% of the total land area, Pakistani forests harbor impressive biodiversity, provide ecosystem services, and underpin livelihoods of local communities.

The major forest types include the coniferous forests in the Himalayan north, scrub forests in the arid southern region, and riverine forests along the Indus River plains. Iconic species like pine, deodar cedar, and wild olive are native to these forests. They safeguard watersheds in upper catchments and prevent soil erosion in mountainous terrains.



Pakistan's forests hold deep cultural and religious significance. Many shrines and places of worship are situated inside forests, attracting devotees from far and wide. Forests also provide food, timber, fodder, and medicinal plants, sustaining the wellbeing and economy of forest-dependent communities.

Forest Resources

Total Forest area is approximately 5.2 million hectares, covering about 5.2% of Pakistan's land area which can be divided into 4 major types:

Coniferous forests - Mostly found in northern mountain areas and Himalayan ranges. Dominant species are pine, deodar cedar, spruce, and fir. Cover around 2 million hectares.

Scrub forests - Found in Indus plains and arid regions. Main species are acacia, olive, pistachio. Cover around 1.9 million hectares.

Riverine forests - Along river banks and water channels. Shisham, babul, kikar are common species. Cover around 0.8 million hectares.

Mangroves - Present along the coastal belt of Sindh and Baluchistan. Cover around 0.2 million hectares.

Plantation forests cover around 1 million hectares, having eucalyptus, shisham, popular species. Major goods and services from forests include timber, fuelwood, fodder, watershed protection, soil conservation, biodiversity habitat. Forestry sector contributes about 0.5% to Pakistan's GDP. More than 70% of energy needs in northern areas are met from forests.

Forest Governance in Pakistan

Provincial Forest Departments responsible for management of forests within respective provincial jurisdiction. National Forest Policy 2015 provides an overall framework and guidance for sustainable forest management.

The Protected Areas System regulates activities within National Parks, Wildlife Sanctuaries and Game Reserves. Community

participation promoted through Joint Forest Management Committees at village level.

Private farm forestry and plantation establishments also play a role in meeting industrial timber demand. International partnerships and projects provide technical expertise and support for forest management and restoration.

Generating Carbon Credits:

Afforestation/Reforestation: Significant potential on degraded lands, grasslands and farmlands. Potential of 5-8 million tons CO₂/year.

Mangrove restoration and avoided deforestation through REDD+: Estimated potential of 2-3 million tons CO₂/year.

Agroforestry: Fruit orchards, tree intercropping. Potential of 1-2 million tons CO₂/year.

Improved forest management: Enrichment planting, sustainable harvesting, fire management in natural forests.

Total potential estimate: 8-12 million tons CO₂ per year. Detailed assessments needed for accurate projections. Monitoring, registration, and verification requirements as per international carbon standards need to be met.

Estimated Total Carbon Credits in Pakistan

Total Natural Forest Cover **5.2 million hectares**

Approx. Total Revenue **USD 500 Million**

Muhammad Ishfaq
Focal Person Pakistan
gaporg2@gmail.com
coordination@gap.org.pk
0092307-7172795
[URL:www.gap.org.pk](http://www.gap.org.pk)
Registration Number 15921658
England and wales



