SilvaCarbon Logic Model

INPUTS

Internal Resources Available

- Human resources from USG member agencies, including technical experts, program staff, and steering committee
- Funding from USAID and US Department of State, in -kind contributions from other SilvaCarbon agencies, and contributions from USAID Missions
- 3. Partnerships with GFOI, CEOS, and SERVIR
- 4. Earth observation data from US satellite systems

External Resources Available

- Human resources in participating countries, including technical teams, policymakers, researchers, and local communities
- 6. Partnerships with academic institutions, NGOs, companies, and other international institutions

ACTIVITIES

Remote Forest GHG Sensing Inventory Inventory

- 1. Hands-on training
- In-country technical assistance by SilvaCarbon experts
- 3. Workshops
- 4. Study tours
- Remote technical consultations between SilvaCarbon experts and country partners
- 6. Support for the development and/or improvement of tools, methodologies, and guidance materials
- 7. Support for applied research through grants
- Coordination between and among SilvaCarbon agencies, GFOI, country partners, and other stakeholders
- 9. Support for Climate Change Fellows
- Guidance for other USAID programs in relation to measuring, monitoring, and reporting forest and terrestrial carbon
- 11. Assistance for partner countries in acquiring Earth observation data

OUTPUTS

- Technical experts at key agencies in partner countries have improved knowledge and skills related to measuring, monitoring, and reporting forest and terrestrial carbon using IPCC approaches, and improved ability to inform relevant policymakers on related topics
- Policymakers in partner countries have increased understanding of systems and processes for measuring and monitoring forest and terrestrial carbon, and their role in climate change mitigation and low emission development
- 3. Geographically specific information, products, and deliverables related to forest and terrestrial carbon are generated in cooperation with country partners
- 4. Broadly applicable tools, methodologies, and guidance materials for measuring and monitoring forest and terrestrial carbon are developed and/or improved
- Key institutions in partner countries have improved access to Earth observation data for landscape monitoring systems, and have long-term data acquisition strategies
- Pathways for sustainable financing of landscape monitoring and GHG inventory systems are identified in partner countries, through both domestic and international channels
- Institutional and professional relationships are created, enhanced, and/or sustained within the global forest and terrestrial carbon community
- 8. GFOI is strengthened as a mechanism for facilitating international engagement to support IPCC-compliant landscape monitoring and reporting systems
- Technical approaches to forest and terrestrial carbon measurement and monitoring are improved through applied research

INDICATORS

OUTCOMES

- Partner countries have enhanced capacity to measure, monitor, and report on forest and terrestrial carbon, contributing to sustainable, IPCC-compliant landscape monitoring and reporting systems and GHG inventories
- Information from landscape monitoring systems and GHG inventories is used to inform partner countries' national climate change mitigation and development strategies
- Information from landscape monitoring systems and GHG inventories contributes to increased access to climate financing in partner countries
- 4. Coordination and knowledge sharing are enhanced among USG agencies, leading to improved understanding of approaches to improve capacity in developing countries for measuring, monitoring, and reporting forest and terrestrial carbon
- Understanding of approaches and tools for measuring and monitoring forest and terrestrial carbon is strengthened globally, contributing to broader international agreement about appropriate methodologies
- 6. Cooperation and collaboration are strengthened among international institutions working in the forest and terrestrial carbon sector

IMPACT

Partner countries generate and effectively use improved information related to forest and terrestrial carbon, contributing to climate change mitigation and low emission development

Planned work Intended results

SilvaCarbon Custom Indicators

- ♦ CI1: Number of tools, methodologies, guidance materials, publications, information products, or other type of deliverable developed or improved as a result of SilvaCarbon assistance
- ♦ CI2: Number of external organizations/programs co-conducting SilvaCarbon activities
- ♦ CI3: Number of South-South technical exchanges facilitated by SilvaCarbon
- ◆ CI4: Number of institutions receiving Earth observation data as a result of SilvaCarbon assistance

SilvaCarbon

Standard Global Climate Change Indicators

- ♦ 4.8.2-14: Number of institutions with improved capacity to address climate change issues as a result of USG assistance
- ◆ 4.8.2-6: Number of people receiving training in global climate change as a result of USG assistance
- ♦ 4.8.2-29: Number of person hours of training completed in climate change as a result of USG assistance
- ♦ 4.8.2-10: Amount of investment mobilized (in USD) for climate change as supported by USG assistance
- ♦ 4.8.2-27: Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders
- ♦ 4.8.2-28: Number of laws, policies, strategies, plans, agreements or regulations addressing climate change and/or biodiversity officially proposed, adopted, or implemented as a result of USG assistance.
- ♦ 4.8.7: Greenhouse gas (GHG) emissions, estimated in metric tons of CO2e, reduced, sequestered, and/or avoided as a result of USG assistance
- ♦ 4.8.2-34/35: Projected GHG emissions reduced or avoided through 2030 from adopted laws, policies, regulations, or technologies related to sustainable landscapes as supported by USG assistance
- ♦ 4.8.2-36: Number of people receiving livelihood co-benefits (monetary or non-monetary) associated with the implementation of USG sustainable landscapes activities