



US FOREST SERVICE

International Programs

**Complementary CARPE
Programs**

**CARPE 3 Partners Meeting
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SilvaCarbon Program Overview

A flagship program under U.S. fast start financing for REDD+

A U.S. contribution to the Forest Carbon Tracking task of the Group on Earth Observations (GEO)

SilvaCarbon works to:

Partner with developing countries to **improve monitoring** of forest and terrestrial carbon

Improve understanding of methodologies and collection and dissemination of data

Coordinate US science, innovation, and technical **expertise**



Gabon – Key SilvaCarbon Activities

- Support to strengthen quantification of forest carbon stocks:
 - Pilot field plot design;
 - Field team training and technical equipment provision;
 - Support to pre-inventory data collection;
 - Mangrove protocols;
- Contribute to improving the accuracy of forest carbon stock assessment through the quantification of soil carbon stocks:
 - Design methods to sample soils;
 - Assist national technicians in the collection of soils;
 - Lead the analysis of soil carbon stocks;
- Capacity to process, archive and manage spatial data:
 - Support development of national carbon calculator;
 - Support data needs and management capacity (TBD).

Other Planned Congo Basin SilvaCarbon Activities

- DRC
 - Building on CARPE support
 - Soils integration/analysis
 - Data management and analysis
 - Remote sensing training (verification data, geo-statistics, object related analysis)
 - Degradation study?
- Cameroon
 - Support to REDD+ Steering Committee
 - National MRV system design
- Republic of Congo
 - Remote sensing focused –pre-treatment / treatment, analysis
 - General QA/QC support
 - Degradation study?

Gabon – LEADS Program



- Flagship Development and Climate Change Program Aims For High Impact, Low Emissions
 - Support developing countries’ efforts to pursue long-term, transformative development and accelerate sustainable, climate-resilient economic growth while slowing the growth of greenhouse gas emissions
 - Targeted Technical Assistance for LEADS Development and Implementation
 - An integral part of U.S. government efforts to provide fast start climate financing
- Gabon LEADS Workplan Components
 1. Assist national climate council (USFS and all)
 2. Economics and emissions analysis (DOE-NREL)
 3. Forest carbon measurement and monitoring (USFS-SilvaCarbon)
 4. National land use planning (USFS)

US State Dept CBREDD Objectives



- Shape and strengthen national forest monitoring, reporting, and verification systems
- Invest in strengthening capacity of future African REDD+ practitioners and leaders across sectors
- Improve national land-use planning
- Share robust National Communications under the UNFCCC
- Strengthen sharing of forest carbon inventory and flux monitoring science and best applied methods internationally and across the Congo Basin
- Enable participation in a future international, or US domestic, mechanism that includes REDD+
- Increase transparency, including stakeholder engagement and benefit distribution among a broad range of forest sector stakeholders, including community and indigenous groups

US State Dept CBREDD Activities



- Capacity building workshops on climate change issues, including REDD+, MRV, land-use planning, and forest management
 - Regional REDD+ technical workshop (June?)
- Scholarships to ministry staff to obtain Master's degrees at regional and national universities
 - ERAIFT – FY13
 - FASA-Dschang, Mariam Ngoube - ongoing
- Development and dissemination of training modules for ministries and universities on land-use planning, climate change, MRV, GIS, and remote sensing

SilvaCarbon Steering Co-Chairs

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More information available at

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