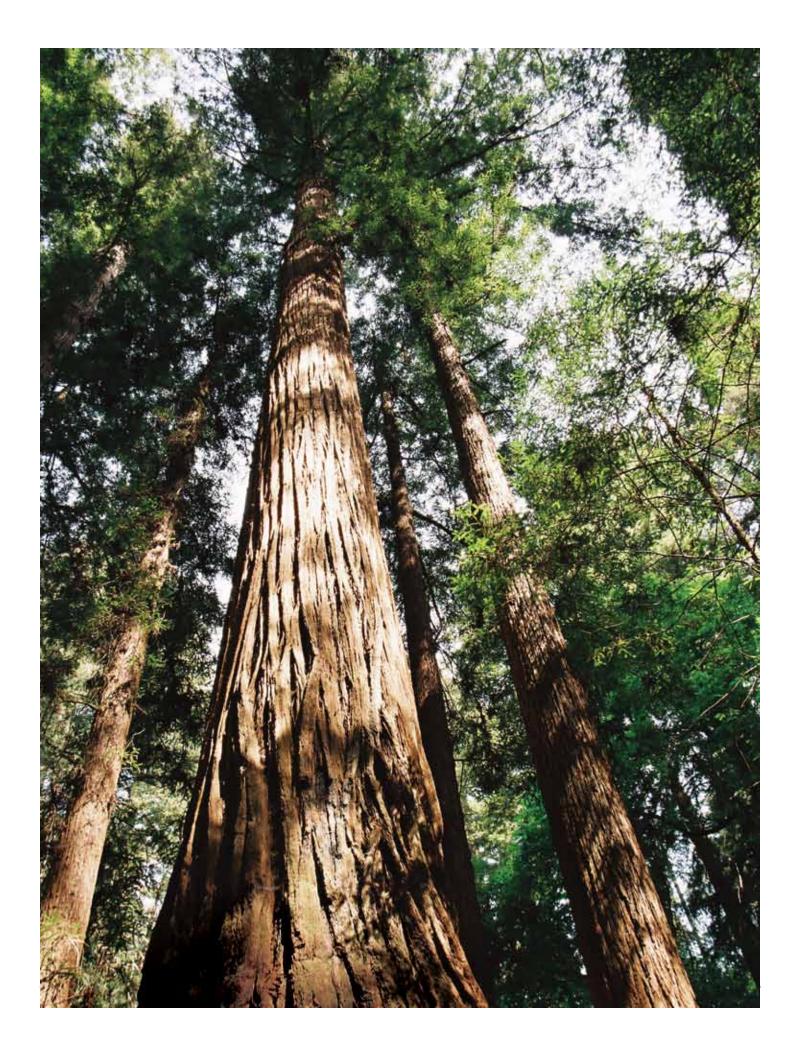
# Forest Carbon Offset Assessment Qualifications Profile





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## **COMPANY OVERVIEW**

Say Area, is a global leader in independent environmental assessments and certification.

Founded in 1984, SCS spurs the private and public sectors toward more sustainable policy planning, product design, management systems and production operations. SCS stands alone in offering a full-service menu of assessment, auditing and certification services ranging from carbon offset verification to recycled content verification to food testing to fair labor practices. Our expertise also extends to developing internationally recognized standards. As an example, SCS is a founding member of the Forest Stewardship Council standard (FSC) and has emerged as the leading FSC certifier in the world.

As a recognized leader in environmental certification for 25 years, and an international pioneer in responsible forest management certification, SCS has emerged as the leading verifier of forest carbon offset claims. Our independent verification of forest and land use projects' accomplishments ensure that our clients' emission reduction claims are credible, transparent and tradable in the international carbon market.



Visiting a REDD Forest Carbon Offset project in Indonesia

"Any company can claim to have a commitment to the environment, but with SCS, we were able to prove it."

- Collins Companies

# THE ORGANIZATION

SCS operates globally with central offices located in Emeryville, California. Our work reaches a broad cross-section of the economy including consumer products, resource extraction, energy, manufacturing, retailing, home improvement, construction and agriculture production. We offer personalized attention, fast turnaround and a high-level of service tailored to your needs.

SCS has offices in the United States, Argentina, Australia, Brazil, China, Ghana, India, Indonesia and Mexico and is currently expanding into Canada, Costa Rica.

More than 20 programs and services are categorized into three divisions:

#### **Natural Resources**

Our experience in responsible forestry has helped us become the world's leading verifier of forest carbon offsets. Our Greenhouse Gas team works with NGOs, investment funds, project developers and private landowners to verif y offset projects. SCS also specializes in forest management and chain of custody certification and is a founding member of the Forest Stewardship Council (FSC). We are the leading certifier in the United States to the FSC standard for responsible forest management. SCS certifies products in lumber, furniture, building materials, pulp, paper, and other wood based-products. Additional certifications in Natural Resources include Sustainable Biofuels, Legal Harvest and the Marine Stewardship Council.

# Environmental Assessment & Certification Services

SCS is at the forefront of Life Cycle Impact
Assessment offering a framework that uniquely
addresses all known and recognized impacts to
human health and the environment. Based on
nearly 20 years of research, the framework fulfills
the ISO 14044 requirements for using LCA results
to objectively compare products/ services, evaluate
the LCA performance of whole building systems
and evaluate various power generation choices.
Additionally, SCS is the leader in certification
to the level™ and FloorScore™ standards for
indoor air quality and offers recycled content and
biodegradability certifications.

### Food & Agriculture

SCS is a leading provider of food auditing, testing and certification services. We work throughout the supply chain from growers to retailers to reduce safety risks, strengthen relationships with customers and meet government quality regulations. SCS stands alone in offering comprehensive suite of services that includes organic certification, flavor indexing and quality testing, safety auditing (SQF, BRC, HACCP, GlobalGap, GMP, TNC), and pesticide residue free testing and certification.

## FOREST CARBON OFFSET VERIFICATION

SCS first began verifying forest carbon offset projects in 2007, building on its long history as an expert in forest management certification. In 2008, we were among the first companies in the world to achieve ISO 14065 accreditation for the validation and verification of forest carbon offset projects. SCS has since become the world's leading assessor of forest carbon offset projects, validating or verifying 40 million tons of credits on over 9 million acres of land. Our forest offset verification team draws upon SCS's established expertise in field forestry, biometrics, and verification activities to serve the global forest carbon market.

The scope of our ISO accreditation includes the Verified Carbon Standard (VCS), the Climate Action Reserve (CAR), the American Carbon Registry (ACR), and the British Columbia Forest Carbon Offset Protocol (FCOP). We are also accredited to conduct audits under the Climate, Community, and Biodiversity Standards (CCBS) and the Gold Standard (GS). In the Fall of 2012, our individual Verification Foresters and GHG Program as a whole received accreditation to verify projects as part of the California Air Resources Board's Compliance Offset Program.

SCS has verified forest offset projects on five continents ranging from Reduced Emissions from Deforestation and Degradation (REDD) projects to Reforestation and Improved Forest Management projects.

SCS currently employs various VCSA-approved Agriculture, Forestry and Other Land Use (AFOLU) experts with experience in biometrics, soil carbon, and field forestry. We also offer VCS methodology review and project validation and verification services.

Having served as the verifier of record for the majority of all currently registered CAR projects, SCS is in a unique position to take a leadership role in the verification of California Air Resources Board (ARB) forest projects under California's emerging regulatory cap and trade program.

Our areas of expertise include:

- Forest Inventory and Sampling
- Remote Sensing
- GIS
- Forest Biometrics
- Forest Modeling
- Soil Carbon
- Peatland Project Evaluation
- REDD Project Evaluation
- VCS Methodology Assessments
- Combined VCS-CCB Audits
- Combined FSC and Forest Carbon Audits
- Agriculture Projects

Service | Integrity | Technical Expertise



## **GHG VERIFICATION TEAM**

#### Dr. Robert J. Hrubes, Executive Vice President

Dr. Hrubes is a member of the SCS Executive Team and leads the company's natural resource division. He is a registered professional forester and resource economist with over 30 years of professional experience in both the private and public sectors. Prior to joining SCS, he was managing principal of Natural Resource Associates, a Northern California-based forestry and resource economics consulting firm. For the past 15+ years, Dr. Hrubes has specialized in natural resource certification and related marketbased mechanisms for recognizing and rewarding responsible resource management. Previously, he focused on wildland management planning, sustainable forestry analysis, resource economics analysis, operations research analysis, and forest management.

In 1991, SCS first engaged Dr. Hrubes' consulting services to design and implement its forest certification program. Dr. Hrubes is an internationally recognized expert in natural resources management and environmental certification. As principal architect of the SCS Forest Conservation Certification Program, Dr. Hrubes functions in the company in an executive leadership capacity while also maintaining his involvement as a certification practitioner. He has served as team leader on evaluations of more than 30 forest management operations worldwide, totaling more than 50 million acres.

Dr. Hrubes has been active in forest carbon offset verification since 2006 and has served as lead verifier for some of the first forest carbon verification audits ever conducted. He served on the work group responsible for drafting the Climate Action Reserve's Forest Project Protocol, which now serves as the basis for the California Air Resources Board Forest Project Protocol. Dr. Hrubes is also an approved VCSA expert for forest carbon projects. He provides executive oversight of the SCS Greenhouse Gas Program while also frequently serving as lead verifier for forest carbon projects.

Dr. Hrubes served for five years on the Board of Directors of the Forest Stewardship Council and was the founding chair of the Board of Directors of the Forest Stewards Guild, a U.S.- based professional forestry society. Prior to establishing a private consulting practice in 1988, Dr. Hrubes worked for the USDA Forest Service for 15 years. His last position with the Forest Service was Principal Forest Economist/Operations Research Analyst on the Management Sciences Staff in Berkeley, California.

Ph.D., Wildland Resource Sciences; University of California, Berkeley, CA; M.A., Economics; University of California, Berkeley, CA; M.S., Resource Systems Management; University of Michigan, Ann Arbor, MI; B.S., Forest Management and Outdoor Recreation Management; Iowa State University, Ames, IA

# Christie Pollet-Young GHG Verification Director

Ms. Pollet-Young is the Director of SCS's Greenhouse Gas Verification Program who has over 15 years of experience in forestry, ranging from forest ecology research, conservation planning, and carbon offset verification in both tropical and temperate climes. Prior to her tenure at SCS, Ms. Pollet-Young worked for the Smithsonian Institution's Center for Tropical Forest Science where she oversaw a network of forest dynamics plots throughout the tropics and The Nature Conservancy of Peru where she developed an ecoregional plan for the conservation of the Peruvian montane forests. Ms. Pollet-Young completed a Master of Forest Science from Yale University and graduated with high honors from the University of California, Berkeley with a Bachelor of Science in Environmental Science, Policy and Management and a minor in forestry. Ms. Pollet-Young is a lead auditor with SCS who has participated in the validation or verification of over 40 forest carbon offset projects around the globe under the Climate Action Reserve, the Verified Carbon Standard, the American Carbon Registry, and the Climate, Community and Biodiversity Standards. In addition, Ms. Pollet-Young is a VCS AFOLU expert in Improved Forest Management, and a 2010 winner of a CARROT award from the Climate Action Reserve.

### Zane Haxtema Senior GHG Verification Forester

Mr. Haxtema holds a M.S. in Forest Resources from Oregon State University and a B.S. from The Evergreen State College. A well-rounded forestry professional, Mr. Haxtema held a wide variety of positions in forest research and management before coming to SCS, ranging from work on logging and tree planting crews to experience as a biological sampling technician and research assistant. Mr. Haxtema is a specialist in forest inventory, with areas of expertise including sampling design, inventory management and the use of growth and yield models to evaluate potential management regimes. Through his work at SCS, Mr. Haxtema has worked on forestry projects in both the northern and southern hemisphere that span four countries. Mr. Haxtema is well versed in methodologies for Avoided Planned Deforestation, Improved Forest Management, and Afforestation, Reforestation and Revegetation projects, with experience working in tropical and temperate forests alike. Mr. Haxtema is a VCS AFOLU Expert in Improved Forest Management, and is a Registered Professional Forester in California.

"We are committed to decreasing our environmental impact. Certification from SCS helps us prove that commitment."

- Roseburg



## **GHG VERIFICATION TEAM**

#### Francis Eaton

#### **GHG** Verification Forester

Francis Eaton holds a Masters of Forest Science from the Yale School of Forestry and Environmental Studies and received his B.S. in Forestry from Northern Arizona University. The focus throughout his studies was forest management with emphases on sampling design and statistical analysis. He spent three years working collecting field data and completing data analysis on forest restoration projects with the Ecological Restoration Institute. His work experience also includes complete biophysical inventories and estimation of timber volume for two 3000 acre properties, as a forest consultant in northern New Mexico. Mr. Eaton is well versed in editing sampling designs and auditing field campaigns as a teaching fellow for masterslevel management plan courses. Mr. Eaton has completed many audits of a range different Agriculture, Forestry, and Other Land Use (AFOLU) project types.

### Letty Brown

#### **GHG Verification Forester**

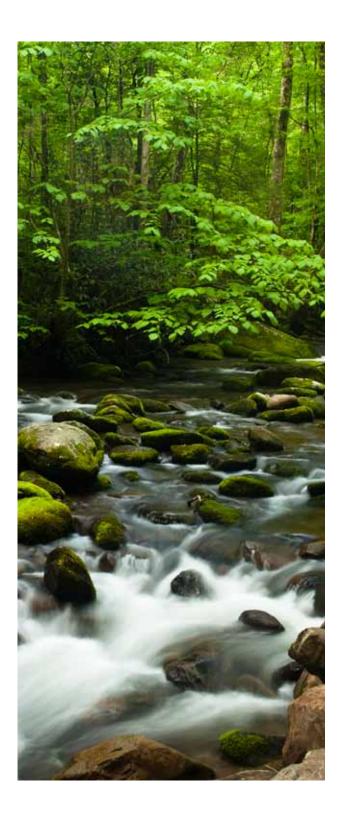
Dr. Brown holds a Ph.D. in Forest Science from the University of California, Berkeley, where she also completed her Master's in Range Ecology. Prior to joining SCS, Dr. Brown worked as a Forest Scientist at URS, where she led forest carbon offset project development and management of forest inventory for various clients. In this role she also worked on methodology development with the Verified Carbon Standard, developing methods for crediting wetland conservation projects in their Technical Working Group. Upon receiving her Ph.D. in 2007, Dr. Brown was a Fulbright Scholar and Postdoctoral Researcher in Brazil, designing and implementing remotesensing and ground-based research to map and designate conservation targets for a portion of the Brazilian Atlantic Forest. Her background also includes forest restoration and ecological analysis, having created habitat conservation plans in California and managed teams of field researchers throughout her career. She is trained as an Arborist, and has extensive experience using GIS software, database software, and statistical software.



#### Scott Eaton

### GHG Verification Coordinator

As the verification coordinator at SCS, Mr. Eaton is responsible for managing the GHG program's quality system and accreditation under ANSI for the Climate Action Reserve, Verified Carbon Standard, and the Climate Registry. In 2011, Mr. Eaton received his Master's in Environmental Science and Management from the Bren School at UCSB, having specialized in Economics and Politics of the Environment. During his time at Bren, Mr. Eaton focused his studies on climate change mitigation strategies involving forestry and agriculture, while working with Engineers Without Borders and the Seattle Biochar Working Group to bring improved cookstove projects to developing countries. His Master's thesis calculating the carbon footprint of food served by Kaiser Permanente provided skills in data management for corporations, which contributed to subsequent work at AECOM. Mr. Eaton also holds a B.A. in Environment, Economics, and Politics from Claremont McKenna College (CMC).



## **RELEVANT WORK**

SCS is the world's leading verifier of forest and land-use carbon offset claims. Our carbon offset verification experience spans the globe and covers all major carbon offset standards and forest project types, including Improved Forest Management, Afforestation and Reforestation, Avoided Conversion Projects, REDD and other AFOLU project types.

The following is a representative listing of forest carbon offset projects that SCS has assessed, or is in the process of assessing.

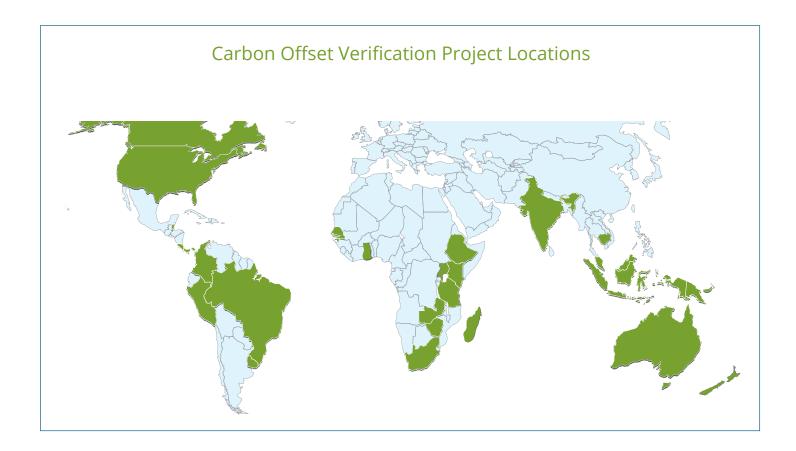


### Verified Carbon Standard (VCS) REDD Projects

- Forest Carbon Offsets: Boden Creek Ecological
   Preserve Forest Carbon Project Belize
- Infinite Earth: Rimba Raya Biodiversity Reserve Project – Indonesia
- Maderacre and Maderyja: Madre de Dios Amazon REDD Project – Perú
- Fauna and Flora International: Avoided Conversion of the Danau Siawan Peat Swamp Forest – Indonesia
- Bosques Amazonicos SAC: REDD Project in Brazil Nut Concessions in Madre de Dios – Perú
- CarbonCo, LLC: The Purus Project Brazil
- Conservation International: Alto Mayo Conservation Initiative – Perú
- Biofilica Investimentos Ambientais: Jari/ Amapá REDD+ Project – Brazil
- African Wildlife Foundation: Kolo Hills Forest Project – Tanzania
- Pur Projet: Biocorridor Martin Sagrado REDD+ Project – Perú
- Centro de Conservación, Investigación, y Manejo de Áreas Naturales: Cordillera Azul National Park REDD Project – Perú
- Conservation International: Reduced Emissions from Deforestation in the Ambositra-Vondrozo Corridor (COFAV) Project
   Madagascar
- Asia Air Survey: Reduced Emissions from Degradation and Deforestation in Community Forests – Oddar Meanchey – Cambodia

- Asia Air Survey: Reduced Emissions from Deforestation and Degradation in Seima Protection Forest – Cambodia
- Pax Natura: Programmatic Project for the Payment for Ecosystem Services – Costa Rica
- Carbono Socioambiental: Jurua & Carauari REDD Project – Brazil
- The World Bank: Community Based Avoided Deforestation Project – Guinea-Bissau
- Mtandao wa Jamii Usimamizi wa Misitu Tanzania (MJUMITA): Making REDD Work for Lindi Rural Villages – Tanzania
- Wildlife Works Carbon, LLC: The Kasigau Corridor REDD Project - Phase I Rukinga Sanctuary - Kenya

- Wildlife Works Carbon, LLC: The Kasigau Corridor REDD Project - Phase II The Community Ranches - Kenya
- Jumuiya ya Uhifadhi Misitu ya Jamii Zanzibar (JUMIJAZA) - HIMA (Hifadhi ya Misitu ya Asili ya jamii) REDD+ Program – Tanzania
- Wildlife Works Carbon, LLC: Chyulu Hills REDD+ Project – Kenya
- Carbon Green Investments: Kariba REDD+ Project - Zimbabwe
- ONF Andina: REDD+ Huila Project Perú
- BioCarbon Partners: Lower Zambezi REDD+ Project - Zambia



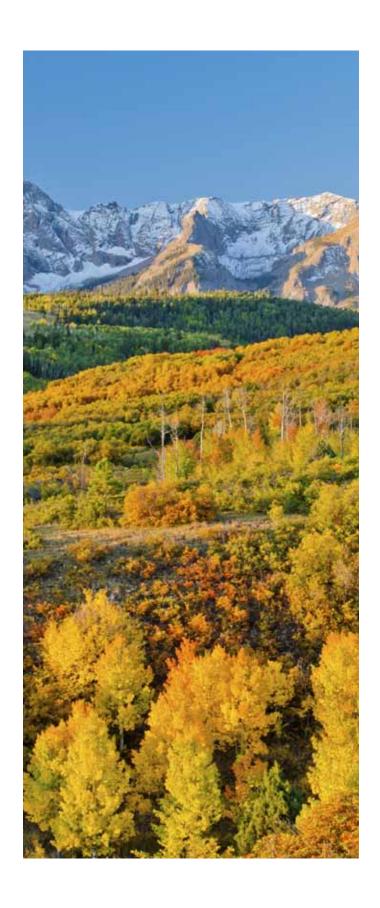
## **RELEVANT WORK**

### Verified Carbon Standard (VCS) Sustainable Agricultural Land Management Projects

Cogent Farming Business Systems, Ltd.:
 Agricultural Soil Carbon through Improved
 Grassland Management in New Zealand
 Project – New Zealand

# Verified Carbon Standard (VCS) Afforestation and Reforestation Projects

- Dynegy: Lower Mississippi Valley Reforestation
   Project USA
- Food and Trees for Africa: Tree Planting in S.
   African Townships South Africa
- Food and Trees for Africa: Bamboo Planting
   Project South Africa
- Face the Future: Kibale Reforestation
   Project Uganda
- Green Resources AS: Reforestation in Grassland Areas of Uchindile, Kiombero, Tanzania & Mapanda, Mufindi, Tanzania – Tanzania
- El Arriero S.A.: El Arriero Afforestation on Degraded Grasslands Under Extensive Grazing – Uruguay
- Forestal Tekoayhu: Forteko Afforestation on Degraded Grasslands Under Extensive Grazing – Uruguay
- Intercontinental Timber Associación Agraria:
   ITAA Afforestation on Degraded Grasslands
   Under Extensive Grazing Uruguay
- FORM Ghana: Reforestation of Degraded Forest Reserves in Ghana – Ghana
- Livelihoods Fund: Livelihoods' Mangrove Restoration Grouped Project in Senegal – Senegal



- Livelihoods Fund: Araku Valley Livelihood
   Project Senegal
- Livelihoods Fund: Sunderbans Mangrove Restoration Project

# Verified Carbon Standard (VCS) Improved Forest Management Projects

- Nature Conservancy of Canada: Darkwoods
   Forest Carbon Project Canada
- REDD Forests: Pilot IFM Project,
   Tasmania Australia
- REDD Forests: Downie IFM Project,
   Tasmania Australia
- REDD Forests: Grouped IFM Project,
   Tasmania Australia
- Face the Future: Infapro Forest Rehabilitation – Malaysia
- Camco International Group: Afognak Forest Carbon Project - USA

### Verified Carbon Standard (VCS) Methodology Validations

- Ecotrust: Improved Forest Management Methodology
- The World Bank: Sustainable Agriculture Land Management Methodology
- The Earth Partners: Soil Carbon Quantification Methodology
- Face the Future: Improved Forest Management Methodology
- Terra Global Capital: REDD Methodology
- The Nature Conservancy: Revision of Methods for Monitoring of GHG Emissions and Removals

- Terra Global Capital: Avoided Planned Deforestation of Peat Methodology
- WWF Germany: Rewetting of Tropical Peatlands Methodology
- Environmental Defense Fund: Rice Methodology
- United Nations Food and Agriculture Organization: Sustainable Grassland Management Methodology
- CH2M Hill: Methodology for Coastal Wetland Creation
- Carbon Credit Corp.: Improved Forest Management on Lands Subject to Unextinguished Indigenous Rights & Title
- Silvestrum VoF: Belarus Peatland Rewetting Project
- ForCERT: Combined IFM & REDD Methodology
- Pacific Carbon Trust: Forest Carbon
   Offset Protocol
- Terra Global Capital: Tool for Calculating Deforestation Rates Using Incomplete Remote Sensing Images
- Terra Global Capital: Calculating Emission Reductions in Rice Management Systems Methodology
- Terra Global Capital: Tool for Remote Sensing Biomass Measurement
- Mountain Association for Community Economic Development, Inc. (MACED): Methodology for Improved Forest Management in Non-industrial Private Forests
- Mpingo Conservation and Development Initiative: Avoiding Degradation through Fire Management

## **RELEVANT WORK**

# Climate, Community and Biodiversity (CCB) Standards Projects

- The Eco Products Fund: Ducks Unlimited Avoided Grassland Conversion Project – USA
- The Conservation Fund: Restoring a Legacy at Red River National Wildlife Refuge – USA
- The Conservation Fund: Restoring a Forest Legacy at Marais des Cygnes National Wildlife Refuge – USA
- The Conservation Fund: Restoring a Forest Legacy at Mingo National Wildlife Refuge – USA
- The Conservation Fund: Restoring a Forest Legacy at Grand Cote and Lake Ophelia National Wildlife Refuges
  – USA
- The Conservation Fund: Upper Ouachita NWR Reforestation Project – USA
- REDD Forests: Pilot Improved Forest
   Management Project, Tasmania Australia
- Maderacre y Maderyja: Madre de Dios Amazon REDD Project – Perú
- Wildlife Works: Kasigau Wildlife Corridor REDD Project – Kenya
- Rainforest Project Management Ltd.: April Salumei REDD Project – Papua New Guinea
- Anthrotect: Choco-Darien Conservation Corridor Project – Colombia
- Face the Future: Kibale Reforestation
   Project Uganda
- World Vision Canada: Abote Community-Managed Reforestation Project – Ethiopia
- CarbonCo, LLC: The Purus Project Brazil
- Nature Conservancy of Canada c/o 3GreenTree Ecosystem Services Ltd.: Darkwoods Forest Carbon Project – Canada

- Bosques Amazonicos SAC: REDD Project in Brazil Nut Concessions in Madre de Dios – Perú
- Conservation International: Alto Mayo Conservation Initiative – Perú
- Biofilica Investimentos Ambientais: Jari/ Amapá REDD+ Project – Brazil
- African Wildlife Foundation: Kolo Hills Forest Project – Tanzania
- Pur Projet: Biocorridor Martin Sagrado REDD+ Project – Perú
- Centro de Conservacion, Investigacion, y Manejo de Areas Naturales: Cordillera Azul National Park REDD Project – Perú
- Conservation International: Reduced Emissions from Deforestation in the Ambositra-Vondrozo Corridor (COFAV) Project – Madagascar
- Conservation International: Nakauvadra
   Community Based Reforestation Project Fiji
- Asia Air Survey: Reduced Emissions from Degradation and Deforestation in Community Forests – Oddar Meanchey – Cambodia
- Asia Air Survey: Reduced Emissions from Deforestation and Degradation in Seima Protection Forest – Cambodia
- Pax Natura: Programmatic Project for the Payment for Ecosystem Services – Costa Rica
- Carbono Socioambiental: Jurua & Carauari REDD Project – Brazil
- Wildlife Works Carbon, LLC: The Kasigau Corridor REDD Project - Phase I Rukinga Sanctuary - Kenya
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- Jumuiya ya Uhifadhi Misitu ya Jamii Zanzibar (JUMIJAZA) - HIMA (Hifadhi ya Misitu ya Asili ya jamii) REDD+ Program – Tanzania
- Wildlife Works Carbon, LLC: Chyulu Hills REDD+ Project – Kenya
- ONF Andina: REDD+ Huila Project Perú

# Climate Action Reserve (CAR) Improved Forest Management Projects

- Sempervirens Fund: Lompico Forest Project
- Coastal Ridges LLC: Willits Woods Forest Project



- City of Arcata: Sunnybrae Tract
- City of Arcata: Lucchesi Tract
- City of Arcata: Barnum Tract
- Yurok Tribe: Sustainable Forest Project
- Usal Redwood Forest Company: Usal Redwood Forest Project
- Mendocino Redwood Company: Escola & Lower Albion Project
- Rips Redwoods, LLC: Rips Redwoods Project
- Northeast Wilderness Trust: Alder Stream Preserve
- Northeast Wilderness Trust: Howland Research Forest
- The Conservation Fund: Gualala River Forest Project

# Climate Action Reserve (CAR) Avoided Conversion Projects

 Mattamuskeet Ventures I, LLC: Blue Source -Alligator River Avoided Conversion Project

### Climate Action Reserve (CAR) Conservation-Based Forest Management Projects

- The Conservation Fund: Garcia River Forest Project
- The Conservation Fund: Big River/Salmon Creek Forest Project
- RPH Comptche Properties LLC:
   RPH Ranch Project
- Bascom Pacific LLC: McCloud River Forest Project
- Pacific Forest Trust: Van Eck Forest Project

## **RELEVANT WORK**

### California Air Resources Board (ARB) Compliance Offset Projects

- Forest Carbon Partners, L.P.: Yurok Tribe CKGG
   Improved Forest Management Project
- Forest Carbon Partners, L.P.: Hanes Ranch Forest Carbon Project
- Steve Miller and Florence Miller Co-Trustees of the Edward Miller Trust: Miller Forest
- Forest Carbon Partners, L.P.: Round Valley Indian
   Tribes Improved Forest Management Project



- Heartwood Forestland Fund IV Limited
   Partnership: Blue Source Bishop Improved
   Forest Management Project
- White Mountain Apache Tribe: White Mountain Apache Tribe Forest Carbon Project
- Sierra Pacific Industries: Sacramento Canyon Project
- Sierra Pacific Industries: Buck Mountain Project
- Sierra Pacific Industries: Big Bend Project
- Sierra Pacific Industries: Dry Burney Project
- Forest Carbon Partners, L.P.: Trinity
   Timberlands University Hill Improved Forest
   Management Project
- Coastal Forestlands, LTD.: Brushy Mountain Project

### California Air Resources Board (ARB) Early Action Offset Project Desk Reviews

- The Nature Conservancy: Virginia Conservation Forestry Program -Clifton Farm
- The Nature Conservancy: Virginia Conservation Forestry Program -Rich Mountain
- Blue Source: Pungo River Forest Conservation Project
- Blue Source: Noles North Avoided Conversion Forest Project
- Blue Source: Noles South Avoided Conversion Forest Project
- Blue Source: Pocosin Lakes Forest Conversion Project

- Blue Source: Francis Beidler Improved Forest Management Project
- Potlatch Forest Holdings, Inc.: Finite Carbon –
   Potlatch Moro Big Pine CE
- Berry Summit, LLC: Finite Carbon Berry Summit
- Heartwood Forestland Fund III, Limited
   Partnership: Finite Carbon The Forestland Group
   Champion Property
- Norfolk Southern Corporation: Finite Carbon Brosnan Forest
- Shannondale Carbon, LLC: Finite Carbon Shannondale Tree Farm
- The Nature Conservancy: Virginia Conservation
   Forestry Program Tazewell-Elk Garden

#### Chicago Climate Exchange (CCX) Projects

- Greenoxx: Sustainable Forest Management
   Project Uruguay
- Duratex: Sustainable Forest Management Project – Brazil

# British Columbia Forest Carbon Offset Protocol (FCOP) Projects

 TimberWest Forest Corp.: Strathcona Ecosystem Conservation Project

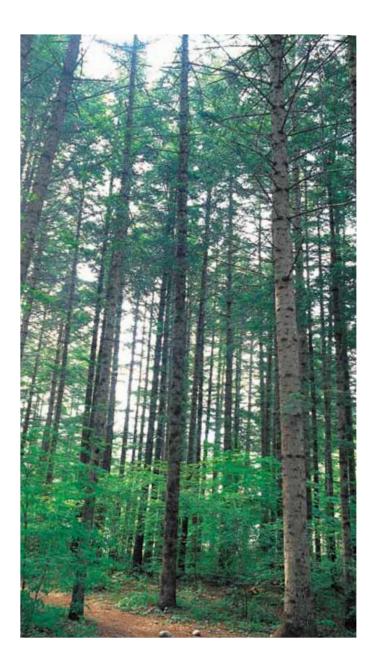
#### American Carbon Registry (ACR) Projects

- F.I.T. Timber: Boa Vista A/R Project Brazil
- National Forest Foundation: San Juan National Forest Carbon Demonstration Project – USA
- National Forest Foundation: Angeles National Forest Carbon Demonstration Project – USA
- Red River Forests LLC: Devil Fire Reforestation – USA

- Red River Forests LLC: Storrie Fire Reforestation – USA
- Ducks Unlimited: Prairie Pothole Avoided Conversion of Grasslands and Shrublands - USA

### Gold Standard (GS) Projects

Forest Finance: CO2OL TMIX Project – Panama



## PROGRAMS AND CERTIFICATIONS

## Greenhouse Gas Verification Services

Carbon Offset Verification

GHG Inventory Verification

Verified Carbon Standard

Climate Action Reserve

Climate Community Biodiversity

Alliance

American Carbon Registry

California Air Resources Board

**BC Forest Carbon Offset** 

Protocol (FCOP)

The Climate Registry

# Forestry Certification Services

FSC Chain of Custody

**FSC Forest Management** 

**NWFA** Responsible

**Procurement Program** 

Responsible Procurement

Program (RPP) of the National

Wood Flooring Association

(NWFA

PEFC Chain of Custody

Chain of Custody Services

# Environmental Certification Services

World Resource Institute (WRI)

PAS 2050

Carbon Neutral PAS 2060

Carbon Disclosure Project (CDP)

Life Cycle Studies

**Recycled Content** 

**Recycling Program Certification** 

level®

Indoor Advantage™

Indoor Advantage™ Gold

FloorScore®

**Comparative Product** 

Declaration

**Environmentally Preferable** 

**Product** 

**Environmental Product** 

Declaration

calCOMPliant

Biodegradability

**GHG Inventory & Reduction** 

**Eco-Options Reviews** 

Sustainability Assesments

No Added Formaldehyde

Responsible source

Greensquared

Responsible Jewellery Council

Certification

Fairmined

signet Responsible sourcing

Protocal

**Health Product Declaration** 

(HPD)

### Food & Agriculture

Responsible Sourcing

Lab Testing & Verification

Pesticide Residue Free

Organic

Veriflora

Food Safety Training

**Antioxidant Superfood** 

**Export Testing Services** 

**GFSI Food Safety Auditing** 

**Import Testing Services** 

Pesticide Residue Free

**Produce Flavor & Nutrition** 

Sensory Evaluation and Testing

Certified Sustaibably Grown

MSC Cerification

**ASC** Cerification

MSC Chain of Custody

## FOREST AND LAND USE GHG













**FCOP**Forest Carbon Offset Protocol

## **ACCREDITATION BODY**



# **SCS MARKS**







## **NOTEWORTHY CLIENTS**

**Carbon Offset Verification** 

The Nature Conservancy

The World Bank

Conservation International

Food and Agriculture Organization of the

**United Nations** 

The Pacific Forest Trust

Fauna and Flora International

World Wildlife Fund (WWF)

The Conservation Fund

Nature Conservancy Canada

The Campbell Group

Greenoxx

Wildlife Works Carbon LLC

Face the Future

The Field Museum

Blue Source

**Element Markets** 

Terra Global Capital

**TimberWest Forest Corporation** 

**Corporate Clients** 

Starbucks

Collins Wood

Weyerhaueser

Home Depot

**Hewlett Packard** 

Numi Tea

**US Department of Energy** 

California Department of General Services

Knoll Inc.

Steelcase

Dole

American Steel Association



## MEMBERSHIPS AND AFFILIATIONS

- American Association of Analytical Chemists (AOAC)
- American Association of Cereal Chemists (AACC)
- American Chemical Society (ACS)
- American Society of Testing and Materials (ASTM)
- Association of Accredited Verification Bodies (AAVB)
- Forest Service Employees for Environmental Ethics (FSEEE)
- Forest Guild
- Forest Stewardship Council (FSC)
- Institute of Food Technologists (IFT)
- International Fresh-cut Produce Association (IFPA)

- Independent Organic Inspectors Association (IOIA)
- Marine Stewardship Council (MSC)
- National Custom Brokers Association (NBCBA)
- Northern California Institute of Food Technologists
- National Institute of Food Technologists (IFT)
- Produce Marketing Association (PMA)
- Society of American Foresters (SAF)
- Society of Environmental Toxicology and Chemistry (SETAC)
- The Food Institute
- The HACCP Alliance
- U.S. Green Building Council (USGBC)
- Western Growers Association (WGA)



## PRESENTATIONS AND PUBLICATIONS

#### **Presentations**

Haxton, Z., T. Marquardt, and H. Temesgen. "N-tree distance sampling in riparian forests of western Oregon: a simulation study". Western Mensurationists' Meeting, June 21, 2010, Missoula, Montana, USA.

Haxton, Z. "Carbon on the stump: how forest carbon inventories are verified and why it is important". Western Mensurationists' Meeting, June 20, 2011, Banff, Alberta, Canada.

Climate Action Reserve Seminar, The Forest Project Protocol & Verification Case Studies, 2011

Haxton, Z. "A relative approach to stand table construction". Growth Model User's Group Meeting, June 3, 2010, Vancouver, Washington, USA.

Society of American Foresters Annual Conference, "New Opportunities and Challenges for Forest Management in a Carbon-Constrained World," 2010

UC Berkeley, "Lessons Learned From the Forest Carbon Offset World," 2010

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