

COTAP.ORG

CARBON OFFSETS TO ALLEVIATE POVERTY



**BALANCE YOUR CO₂ EMISSIONS
& CHANGE LIVES
2015 BROCHURE**

HELLO @ COTAP.ORG

COTAP

AT A GLANCE

COTAP COUNTERACTS YOUR CO₂ EMISSIONS THROUGH CERTIFIED FORESTRY PROJECTS THAT IMPROVE LIVELIHOODS FOR RURAL COMMUNITIES WHERE INCOMES ARE LESS THAN \$2 PER DAY.

FOUNDED 2011

NON-PROFIT
501(c)3

OAKLAND, CALIFORNIA

5 PROJECTS ON 3 CONTINENTS

NICARAGUA



MOZAMBIQUE



UGANDA



MALAWI



INDIA



PRESS

The New York Times

San Jose Mercury News



A BEACON IN THE SMOG



FOUNDED 1892

THE HUFFINGTON POST

DIVERSE & GLOBAL CLIENTS



& INDIVIDUALS FROM ALL OVER THE WORLD...

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WHY COTAP?



POVERTY FOCUS.

IN ADDITION TO THE CLIMATE AND CO-BENEFITS OFFERED BY OTHER PROVIDERS, COTAP CREATES LIFE-CHANGING *INCOME* FOR THE WORLD'S POOREST PEOPLE: SMALLHOLDER FARMERS IN LEAST-DEVELOPED COUNTRIES LIVING ON LESS THAN \$2/DAY. POVERTY ALLEVIATION IS WHY WE WERE FOUNDED, IT'S PART OF OUR COMPANY'S NAME, IT'S ALL WE DO, AND WE'VE BEEN DOING IT SINCE DAY ONE.



TRANSPARENCY.

WE TELL YOU EXACTLY WHERE YOUR MONEY GOES, HOW MUCH OF IT GOES THERE, AND WHEN. ALL OF OUR PROJECTS ISSUE ANNUAL REPORTS WHICH INCLUDE DETAILED, SIGNIFICANT, AND DIRECT SHARING OF CARBON OFFSET REVENUES WITH LOCAL COMMUNITIES.



GLOBAL.

GLOBAL *IMPACTS* WITH 5 REFORESTATION AND FOREST PROTECTION PROJECTS ON 3 CONTINENTS. A GLOBAL FAIR TRADE *BRAND* WITH PROVEN APPEAL TO CUSTOMERS OF ALL SIZES AND TYPES - BUSINESSES, NONPROFITS, SCHOOLS, AND INDIVIDUALS - FROM ALL OVER THE WORLD.



NONPROFIT.

AS A U.S. 501(c)3 PUBLIC CHARITY, WE'RE HELD TO THE HIGHEST POSSIBLE LEVEL OF TRANSPARENCY ABOUT HOW MUCH MONEY WE TAKE IN, WHERE IT GOES, AND HOW MUCH TOP EMPLOYEES ARE PAID. OUR CHARITY STATUS MAKES OFFSETTING 100% TAX-DEDUCTIBLE FOR INDIVIDUALS IN THE U.S., AND IT'S THE BASIS FOR OUR PIONEERING EMPLOYEE OFFSET MATCHING PROGRAM.



PRICING & MARGINS.

OURS ARE MODEST, TRANSPARENT, AND CONSISTENT. COTAP'S PRICE FOR ALL PROJECTS IS \$9.90 PER TONNE, WITH \$9.00 OF THAT (90.9%) GOING DIRECTLY TO PROJECTS.



APPROACHABLE, ACCESSIBLE & FLEXIBLE.

OUR CUSTOMERS ARE INDIVIDUALS AND ORGANIZATIONS OF ALL TYPES, SIZES, AND LOCATIONS. WE DON'T REQUIRE MINIMUMS, YOU CAN OFFSET BY DOLLAR AMOUNT OR BY THE TONNE, AND YOU CAN EASILY CHOOSE HOW MUCH OF YOUR OFFSET GOES TO EACH OF OUR PROJECTS.



BEYOND OFFSETTING.

WE EDUCATE CUSTOMERS ABOUT THE PROPER CONTEXT OF OFFSETTING, HOW TO CALCULATE AND REDUCE YOUR EMISSIONS, AND HOW WE FIT IN WITH COMPLIANCE PROGRAMS LIKE CALIFORNIA'S GLOBAL WARMING SOLUTIONS ACT (AB32).

OUR COMMITMENT TO QUALITY

CARBON STANDARD / THIRD-PARTY VERIFICATION / THIRD-PARTY REGISTRY

ALL PROJECTS ARE REGISTERED UNDER THE PLAN VIVO FORESTRY CARBON STANDARD, WHICH IS OVERSEEN BY THE PLAN VIVO FOUNDATION, A SCOTTISH CHARITY BASED IN EDINBURGH.

PLAN VIVO IS THE ONLY STANDARD WHICH *REQUIRES* THAT PROJECT ORGANIZERS DIRECTLY SHARE A MINIMUM OF 60% OF CARBON REVENUES WITH LOCAL COMMUNITIES. IT IS THE STANDARD OF CHOICE FOR SMALL-SCALE, COMMUNITY-LED PROJECTS AND IT OFFERS A PRACTICAL AND FLEXIBLE SET OF LAND USE INTERVENTIONS WHICH FIT LOCAL NEEDS.

IN OPERATION FOR 18 YEARS, PLAN VIVO IS THE WORLD'S MOST ESTABLISHED VOLUNTARY CARBON FORESTRY STANDARD, AND IT HAS RECEIVED RECOGNITION AND SUPPORT FROM THE LIKES OF UK'S DFID, WORLD BANK, AND UNDP. THE FIRST PLAN VIVO CARBON CREDITS WERE GENERATED IN 1997 THROUGH A RESEARCH PROJECT IN CHIAPAS, MEXICO.

PLAN VIVO HAS GROWN TO CREATE OVER **\$9 MILLION** IN FUNDING FOR PROJECTS BENEFITING RURAL COMMUNITIES, WITH OVER **\$4.5 MILLION** PAID DIRECTLY TO FARMERS AND COMMUNITY GROUPS THROUGH PAYMENT FOR ECOSYSTEM SERVICES (PES) AGREEMENTS.



- 2.08 MILLION TONNES CO₂ REDUCED
- 100,000+ PROJECT PARTICIPANTS
- 10,853 SMALLHOLDER FARMERS
- 416 COMMUNITY GROUPS

- 12 PROJECTS ON 3 CONTINENTS
- 81,427 HECTARES UNDER MANAGEMENT
- 24 PROJECTS UNDER DEVELOPMENT

PLAN VIVO CERTIFICATION ENSURES A PEER-REVIEWED ASSESSMENT OF EACH PROJECT'S BASELINE CARBON SCENARIO, AS WELL AS CONSERVATIVE APPROACHES AND SOUND METHODS FOR QUANTIFYING ESTIMATED EMISSIONS REDUCTIONS. FURTHER, THIRD-PARTY CERTIFICATION GUARDS AGAINST *LEAKAGE* AND ENSURES THAT REDUCTIONS ARE *MEASURABLE, VERIFIABLE, ADDITIONAL, AND PERMANENT*.

ALL PROJECTS' CARBON REDUCTIONS ARE REQUIRED TO UNDERGO THIRD-PARTY VERIFICATION AT LEAST EVERY FIVE YEARS. THE MOST WELL-KNOWN VERIFIER IS THE RAINFOREST ALLIANCE, AND OTHER APPROVED THIRD-PARTY VERIFIERS OF PROJECT'S CARBON REDUCTIONS INCLUDE ESI, AENOR, AND EPIC SUSTAINABILITY.



EACH TONNE OF CO₂ REDUCED BY COTAP'S PROJECTS IS SERIALIZED AND PUBLICLY RETIRED IN OUR ACCOUNT ON MARKIT, THE LEADING THIRD-PARTY ENVIRONMENTAL REGISTRY. THIS ENSURES THAT PROJECTS CANNOT SELL MORE CREDITS THAN THEY HAVE BEEN VERIFIED TO BE GENERATING, THAT THE SAME UNITS CANNOT BE DOUBLE-COUNTED OR SOLD TO MORE THAN ONE BUYER, AND THAT, ONCE RETIRED, UNITS CANNOT BE RE-SOLD.



COMMUNITREE CARBON PROJECT - NICARAGUA

THE COMMUNITREE CARBON PROJECT IS A SMALLHOLDER REFORESTATION INITIATIVE IN NICARAGUA FINANCED THROUGH THE SALE OF CARBON OFFSETS. THE PROGRAM ENCOURAGES SMALLHOLDER FARMERS TO ESTABLISH MIXED NATIVE SPECIES FOREST PLANTATIONS ON THE UNDERUTILIZED PORTIONS OF THEIR FARMS IN ORDER TO MITIGATE CLIMATE CHANGE.

LOCATION

- MUNICIPALITIES SAN JUAN DE LIMAY, ESTELI AND SOMOTO, MADRIZ IN NICARAGUA

PROJECT COORDINATOR

- TAKING ROOT - MONTREAL, CANADA

OPERATIONAL SINCE

- 2010

OFFSETS CREATED TO DATE

- 256,604 TONNES

AREA OF LAND UNDER MANAGEMENT

- 866 HA

PROJECT INTERVENTIONS

- AGROFORESTRY
- AFFORESTATION
- REFORESTATION

PARTICIPANTS

- 280

PROJECT MILESTONES

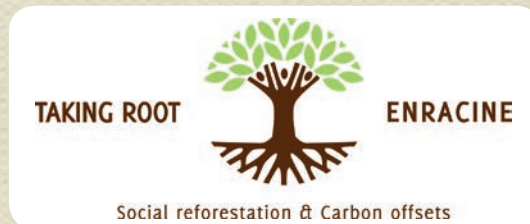
- REGISTERED IN 2011
- VALIDATION IN 2011
- 1ST VERIFICATION IN 2015

LONG-TERM SUSTAINABILITY DRIVERS

- WIDE VARIETY OF NATIVE TREE SPECIES WELL ADAPTED TO FUTURE CLIMATE SCENARIOS.
- DEVELOPMENT OF MARKETS FOR SUSTAINABLY PRODUCED FOREST PRODUCTS.
- STRONG FOCUS ON DATA COLLECTION AND ADAPTIVE MANAGEMENT.
- STRONG COMMUNITY PRESENCE AND RESPONSIVENESS TO EVOLVING LOCAL PRIORITIES.

EXAMPLES OF PAST & PRESENT BUYERS

- INTER-AMERICAN DEVELOPMENT BANK
- TUFF GONG WORLDWIDE / ZIGGY MARLEY
- ARVID NORDQUIST COFFEE
- JACK WOLFSKIN INTERNATIONAL
- MAZDA MOTORS DEUTSCHLAND



TAKING ROOT IS A PIONEER IN LEVERAGING THE FOREST CARBON OFFSET INDUSTRY FOR ECONOMIC DEVELOPMENT AMONGST SMALLHOLDER FARMERS IN CENTRAL AMERICA. THIS IS ACHIEVED BY ENCOURAGING SMALLHOLDER FARMING FAMILIES TO REFOREST THE UNDER-UTILIZED PARTS OF THEIR FARMS IN EXCHANGE FOR DIRECT PAYMENTS OVER TIME AS THE TREES SEQUESTER CARBON FROM THE ATMOSPHERE.

TO ENSURE THAT THESE BENEFITS ARE LONG-LIVED, THE PROGRAM IS SPECIFICALLY DESIGNED SO THAT THE FOREST PLANTATIONS PROVIDE ONGOING LIVELIHOOD BENEFITS TO PARTICIPATING SMALLHOLDER FARMERS IN THE FOLLOWING WAYS:

PARTICIPANTS RECEIVE DIRECT PAYMENTS FOR ECOSYSTEM SERVICES (PES) OVER A 10-YEAR PERIOD, WHICH AMOUNT TO 60% OF THE CARBON CREDIT SALE PRICE. AS THE DENSELY PLANTED TREES START TO CROWD EACH OTHER OUT, THEY ARE SELECTIVELY HARVESTED TO ALLOW THE PLANTATION AS A WHOLE TO CONTINUE TO GROW, THUS OPTIMIZING LONG-RUN CARBON SEQUESTRATION WHILE PROVIDING SUSTAINABLY PRODUCED MERCHANTABLE TIMBER.

BECAUSE TREES ARE MORE RESILIENT TO DROUGHTS AND FLOODING THAN TRADITIONAL AGRICULTURAL CROPS, PARTICIPANTS' LIVELIHOODS ARE MORE ADAPTED TO AND PARTIALLY HEDGED AGAINST THE INCREASED RISK OF EXTREME WEATHER EVENTS CAUSED BY CLIMATE CHANGE.

MOREOVER, FOREST PLANTATIONS ARE ADDITIONAL TO AGRICULTURAL ACTIVITIES AND THE INCOME THAT THEY PROVIDE IS DESIGNED TO BE COUNTER-CYCLICAL TO THE AGRICULTURAL SEASON, THUS HELPING TO DISTRIBUTE LIVELIHOOD ACTIVITIES TO THE TIMES OF THE YEAR WHEN THEY ARE THE MOST NEEDED.

TAKING ROOT IS CURRENTLY WORKING WITH INTERNATIONAL DEVELOPMENT ORGANIZATIONS TO EXTEND THE SUCCESSFUL COMMUNITREE CARBON PROGRAM TO GUATEMALA, HAITI, AND EL SALVADOR.



Photo credits: Taking Root



CLIMATE SERVICES AND LAND MANAGEMENT

BETWEEN 2010 AND 2014, THE PROGRAM HAS COLLABORATED WITH 280 SMALLHOLDER FAMILIES TO PLANT 1,183,000 NATIVE TREES, SEQUESTERING 256,604 TONNES OF CO₂, AND HAS CONTRIBUTED \$974,316 TO A COMMUNITY FUND THAT PROVIDES DIRECT PAYMENTS TO SMALLHOLDERS.

BASED ON FORESTRY BEST PRACTICES, TAKING ROOT'S INTERNAL VERIFICATION (I.E. MONITORING) PROCEDURE TAKES PLACE ANNUALLY USING A CUSTOM-BUILT SMALLHOLDER CARBON PROJECT INFORMATION MANAGEMENT SYSTEM (SCPIMS). THROUGH THE SCPIMS, 10% OF THE LAND OF EVERY FARM REFORESTED IS RANDOMLY VERIFIED AND EVERY TREE WITHIN THAT AREA IS MEASURED.

THIS INFORMATION SERVES TO DETERMINE THE AMOUNT OF CARBON SEQUESTERED BY THE TREES AND ALSO INFORMS MANAGEMENT DECISIONS TAILORED TO THE NEEDS OF EACH SITE. THE RESULTS ARE MADE PUBLICLY AVAILABLE IN THE PROJECT'S ANNUAL REPORTS POSTED ON COTAP.

ECOSYSTEM & BIODIVERSITY BENEFITS

- THE PROGRAM IS LOCATED IN A CRITICALLY IMPORTANT WATERSHED THAT FEEDS DIRECTLY INTO THE REAL ESTUARY, RECOGNIZED BY THE RAMSAR CONVENTION AS A WETLAND OF INTERNATIONAL PRIORITY DUE TO ITS ABUNDANCE OF BIODIVERSITY.
- THE TREES HELP RETAIN HUMIDITY IN THE DRY SEASON AND MINIMIZE FLOODING AND LANDSLIDES IN THE RAINY SEASON.
- INTENTIONAL DESIGN OF NATIVE TREE SPECIES INCLUDING THE RE-INTRODUCTION OF TWO HIGH-VALUE AT-RISK TREE SPECIES (SWIETENIA HUMILIS AND BOMBACOPSIS QUINATA. SEE: IUCN.ORG).
- THE PROGRAM PROMOTES THE NATURAL REGENERATION OF OTHER TREE SPECIES WITHIN THE PLANTED STANDS WHERE 71 UNIQUE TREE SPECIES HAVE BEEN RECORDED. TREE SPECIES ARE SELECTED IN PART DUE TO THEIR CONTRIBUTIONS TO WILDLIFE HABITAT.
- PLANTING DESIGN ALLOWS FOR HETEROGENEOUS MULTI-FUNCTION TREE STANDS IN TERMS OF SPECIES, AGE AND CANOPY STRUCTURE, WHICH FAVOURS WILDLIFE HABITAT, SOIL FERTILITY, WHILE INCREASING FOREST PRODUCTIVITY AND PROVIDING HARVESTS OF VALUABLE FOREST PRODUCTS.
- AN EMPHASIS IS ALSO PLACED ON WORKING WITH NITROGEN FIXING TREES (NFTS). BASED ON CONVERSION FACTORS OBTAINED FROM SCIENTIFIC LITERATURE ON GLIRICIDIA SEPIUM, ONE OF THE NFTS USED IN THE PROGRAM, TAKING ROOT ESTIMATES THAT THE TREES CONTRIBUTE 9,990 KG OF NATURALLY PRODUCED NITROGEN ANNUALLY.
- MOST OF THE TREE SPECIES PLANTED ARE DECIDUOUS, MEANING THEY SHED THEIR LEAVES IN THE DRY SEASON, CONTRIBUTING LARGE QUANTITIES OF BIOMASS TO REBUILD THE SOIL.



LIVELIHOOD AND GENDER EQUALITY BENEFITS (BETWEEN 2010-2014):

- \$579,198 (EQUIVALENT TO 527 ANNUAL SALARIES) HAS BEEN PAID TO THE COMMUNITY IN THE FORM OF PAYMENTS FOR ECOSYSTEM SERVICES, ADVANCE PAYMENTS AND SALARIES;
- AN ADDITIONAL \$395,118 HAS BEEN EARMARKED FOR FUTURE ECOSYSTEM SERVICE PAYMENTS PROVIDED THAT SMALLHOLDERS MEET CARBON SEQUESTRATION TARGETS;
- THROUGH 2014, THE PROJECT CREATED 991 SEASONAL AND 15 FULL-TIME JOBS. 207 OF THESE EMPLOYEES ARE WOMEN, 235 OF THEM ARE LANDLESS FARMERS;
- WOMEN AND WOMEN'S GROUPS ARE PARTICULARLY TARGETED IN THE PROGRAM'S ONGOING COMMUNITY CONSULTATIONS AND WORKSHOPS SO THAT THE PROJECT DESIGN CAN BE ADAPTED TO THEIR SPECIFIC NEEDS. IN ADDITION TO DIRECTLY CREATING JOBS FOR WOMEN, THE PROJECT ANNUALLY PURCHASES \$17,000 WORTH OF SEEDS FROM WOMEN IN THE REGION WHO COLLECT THEM FROM THEIR TREES.

TO VIEW COMMUNITREE'S TECHNICAL DOCUMENTS AND ANNUAL REPORTS, AND TO OFFSET YOUR EMISSIONS THROUGH THIS PROJECT, VISIT:

COTAP.ORG/NICARAGUA

COTAP
PARTNER
SINCE 2011

SOFALA COMMUNITY CARBON PROJECT - MOZAMBIQUE

THE SOFALA COMMUNITY CARBON PROJECT IS AN INNOVATIVE SUSTAINABILITY PROJECT WORKING WITH FOREST COMMUNITIES IN THE BUFFER ZONES OF GORONGOSA AND MARROMEU NATIONAL PARKS IN CENTRAL MOZAMBIQUE TO IMPROVE RURAL LIVELIHOODS, HABITAT RESTORATION, FOREST MANAGEMENT AND CONSERVATION OF BIODIVERSITY.

LOCATION

- GORONGOSA AND MARROMEU PARK, MOZAMBIQUE

PROJECT COORDINATOR

- ENVIROTRADE SOFALA LIMITADA JOHANNESBURG, SOUTH AFRICA

OPERATIONAL SINCE

- 2003

OFFSETS CREATED TO DATE

- 420,525 TONNES

AREA OF LAND UNDER MANAGEMENT

- 12,000 HA

PROJECT INTERVENTIONS

- AGROFORESTRY
- AVOIDED DEFORESTATION

PARTICIPANTS

- 2,799 PARTICIPANTS
- 28 COMMUNITY GROUPS

PROJECT MILESTONES

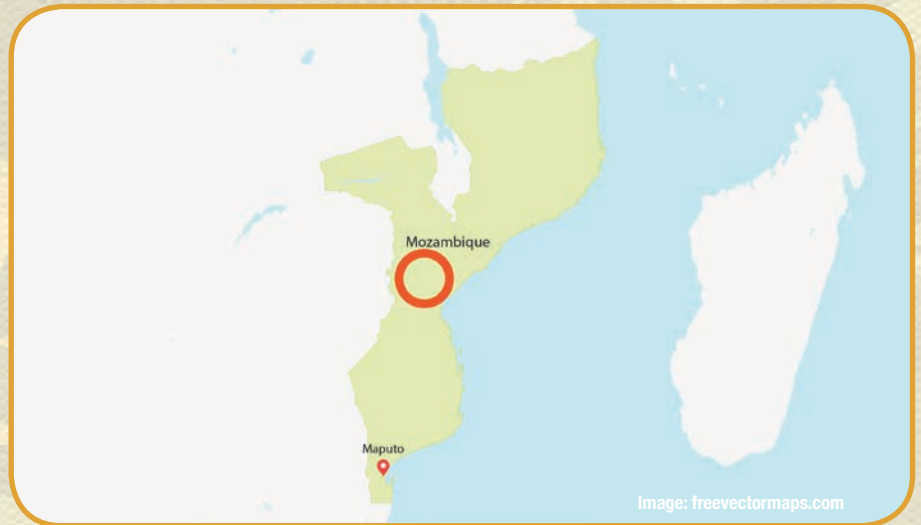
- REGISTERED IN 2007
- 1ST VERIFICATION: 2010
- 2ND VERIFICATION: 2015

LONG-TERM SUSTAINABILITY DRIVERS

- DISPERSED INTER-PLANTING.
- STRONG FOCUS ON CAPACITY-BUILDING AND TRAINING.
- ESTABLISHED CHANNELS FOR KNOWLEDGE TRANSFER AND SKILL SHARING.

EXAMPLES OF PAST & PRESENT BUYERS

- CREATIVE ARTISTS AGENCY
- WORLD WIDE WEB HOSTING LLC
- MAROON 5
- LIVE EARTH
- ARLA FOODS
- TUI NORDIC AIRLINES



THE SOFALA COMMUNITY CARBON PROJECT IS DEVELOPING SUSTAINABLE LAND USE AND RURAL DEVELOPMENT ACTIVITIES IN COMMUNITIES AROUND AND WITHIN THE BUFFER ZONES OF THE GORONGOSA AND MARROMEU NATIONAL PARKS IN CENTRAL MOZAMBIQUE. THE PROJECT HAS IMPLEMENTED AGROFORESTRY ACTIVITIES AS WELL AS INTERVENTIONS THAT RESULT IN AVOIDED DEFORESTATION.

THE PROJECT ENABLES INDIVIDUALS AND COMPANIES TO EFFECTIVELY INVEST IN NEW FORESTS AND AGROFORESTRY. BY BECOMING TRAINED CROP FARMERS, LOCAL COMMUNITIES CONTRIBUTE SIGNIFICANTLY TO THEIR OWN ENVIRONMENTS WHILST SECURING REGULAR INCOME AND STABLE SUSTAINABLE FOOD SUPPLIES.

THE PROJECT SEEKS TO LINK THE ESTABLISHMENT AND PROTECTION OF CARBON STOCKS TO SUSTAINABLE DEVELOPMENT BY USING SOME OF THE CARBON REVENUES TO KICK-START SMALL COMMERCIAL ENTERPRISES. MOREOVER, THE PROJECT OFFERS PROTECTION TO AFRICAN WILDLIFE.

FURTHERMORE, THE SOFALA PROJECT EXTENDS FARMING AND CAPACITY-BUILDING TO PROJECT PARTICIPANTS, AND HAS A STRONG FOCUS ON DIVERSIFYING FARMERS' INCOME STREAMS. THE PROJECT TRAINS SMALLHOLDERS IN THE SUSTAINABLE FARMING OF IMPORTANT CASH CROPS WHICH MOST FARMERS THEN INCORPORATE INTO THEIR PLANTINGS. THIS NOT ONLY CONTRIBUTES TO IMPROVING FOOD SECURITY FOR THEMSELVES, BUT ALSO ENABLES THEM TO ACCESS ADDITIONAL INCOME STREAMS. A POPULAR SOFALA CASH CROP OPTION IS THE CASHEW TREE WHICH TOLERATES POOR SOILS, PRODUCES EDIBLE FRUITS AND, AT MATURITY, CAN ANNUALLY YIELD 50 POUNDS OF CASHEWS PER TREE.

BY GENERATING CROPS THAT ENRICH RATHER THAN EXHAUST THE FRAGILE FOREST SOILS AND MANAGING FIRE WITHIN THE PORTIONS OF THE WOODLANDS INHABITED BY RURAL COMMUNITIES, THE PROJECT IS GIVING A NEW LIFELINE TO ENDANGERED PLANT AND ANIMAL SPECIES.





CLIMATE SERVICES AND LAND MANAGEMENT

THE SOFALA COMMUNITY CARBON PROJECT FORESEES THE LONG-TERM SEQUESTRATION OF 515,591 TONNES OF CO₂ THROUGH THE PROJECT INTERVENTIONS OF AGROFORESTRY AND AVOIDED DEFORESTATION. LOCAL TECHNICIANS MONITOR THE CARBON POTENTIAL OF THE PROJECT ANNUALLY.

THE VARIOUS COMMUNITY-LED AGROFORESTRY TECHNIQUES THAT THE PROJECT IS USING INCLUDE BOUNDARY PLANTING, DISPERSED INTER-PLANTING, THE PLANTING OF CASHEW AND MANGO ORCHARDS, AS WELL AS HOMESTEAD PLANTING AND THE ESTABLISHMENT OF WOODLOTS OF NATIVE TREE SPECIES. MOREOVER, THE PROJECT RUNS A REDD+ CONSERVATION PROGRAMME, WHICH REWARDS COMMUNITIES FOR PROTECTING BLOCKS OF STANDING FOREST FROM DEFORESTATION AND DEGRADATION.

BEYOND CARBON PAYMENTS, THE PROJECT DELIVERS MANY CO-BENEFITS, WHICH POSITIVELY IMPACT THE LIVELIHOODS OF COMMUNITIES WITHIN THE PROJECT INTERVENTION AREA.

ECOSYSTEM & BIODIVERSITY BENEFITS

- THE PROJECT CONTRIBUTES TO THE CONSERVATION OF ECOSYSTEMS IN THE BUFFER ZONES OF THE GORONGOSA AND MARROMEU NATIONAL PARKS WHICH HAVE THE HIGHEST RATES OF BIODIVERSITY IN MOZAMBIQUE.
- THE PROJECT SUPPORTS THE SYSTEMATIC REHABILITATION OF COMMUNITY LAND BORDERING NATIONAL PARKS.
- THE PROJECT INVOLVES ALTERING LAND USE PATTERNS IN MASHAMBAS (AREAS OF LAND "SLASHED AND BURNED" FOR CROP PLANTING) WITH INDIGENOUS MIOMBO WOODLAND TREES, PRIMARILY LOCAL FRUIT AND BEE-FODDER SPECIES, FRUIT TREES AND OTHER SELECTED SPECIES ALONG RIVERBANKS TO HELP STABILISE THE WATERSHEDS.



LIVELIHOOD BENEFITS

- SINCE INCEPTION, THE PROJECT HAS PAID LOCAL COMMUNITIES \$2,136,744 AS PAYMENTS FOR ECOSYSTEM SERVICES (PES).
- PES PAYMENTS FOR CARBON BENEFITS ON 12,000 HECTARES HAVE ENABLED THE LOCAL COMMUNITY TO SELF-FUND A LOCAL SCHOOL PROVIDING INDOOR EDUCATION TO CHILDREN WITHIN THE PROJECT BOUNDARIES.
- COMMUNITIES HAVE BEEN TRAINED TO USE BETTER CONSTRUCTION METHODS. TIN ROOFS WERE INSTALLED ON HOUSES, GIVING COMMUNITIES IMPROVED SHELTER AND PROTECTION DURING THE RAINY SEASON.
- SINCE THE PROJECT'S INCEPTION, A SAW MILL, A CARPENTRY SHOP AND A HEALTH CLINIC HAVE BEEN BUILT WITHIN THE PROJECT AREA.

TO VIEW SOFALA'S TECHNICAL DOCUMENTS AND ANNUAL REPORTS, AND TO OFFSET YOUR EMISSIONS THROUGH THIS PROJECT, VISIT:

COTAP.ORG/MOZAMBIQUE

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SINCE 2011

TREES FOR GLOBAL BENEFITS - UGANDA

TREES FOR GLOBAL BENEFITS (TGB) IS A COOPERATIVE CARBON OFFSETTING SCHEME WHICH COMBINES COMMUNITY-LED ACTIVITIES TO INCREASE CARBON SEQUESTRATION WITH PERFORMANCE-BASED PAYMENTS FOR FARMERS.

LOCATION

- BUSHENYI, HOIMA, MASINDI AND KASESE DISTRICTS, UGANDA

PROJECT COORDINATOR

- ECOTRUST- KAMPALA, UGANDA

OPERATIONAL SINCE

- 2003

OFFSETS CREATED TO DATE

- 734,816 TONNES

AREA OF LAND UNDER MANAGEMENT

- 4,064 HA

PROJECT INTERVENTIONS

- AFFORESTATION
- REFORESTATION
- AGROFORESTRY

PARTICIPANTS

- 3,278 SMALLHOLDERS

PROJECT MILESTONES

- REGISTERED AND OPERATIONAL SINCE 2003
- 1ST VERIFICATION: 2009 (RAINFORREST ALLIANCE)
- 2ND VERIFICATION: 2013 (RAINFORREST ALLIANCE)

LONG-TERM SUSTAINABILITY DRIVERS

- COLLABORATIVE NATURAL RESOURCE MANAGEMENT GROUPS.
- SUSTAINABLE TIMBER PRODUCTION.
- CAPACITY-BUILDING FOR FARMERS TO IMPROVE THEIR LIVELIHOODS.
- COMMUNITY-BASED MONITORING.
- CARBON BANK – A TYPE OF REVOLVING FUND THAT SUPPORTS THE MATCHING OF SUPPLY WITH DEMAND.
- THE STRUCTURE OF PAYMENTS ALLOWS FARMERS TO CONSIDER LONG-TERM INVESTMENT HORIZONS, THAT SEEK TO USE TREE PLANTING AS A LIVELIHOOD STRATEGY.

EXAMPLES OF PAST & PRESENT BUYERS

- EMBASSY OF IRELAND IN UGANDA
- SHEPHERD BUILDING GROUP
- MAX HAMBURGER
- BARTLETT FOUNDATION
- TETRA PAK
- NEDBANK GROUP
- MONARCH MEDIA



TREES FOR GLOBAL BENEFITS IS DESIGNED AS A COOPERATIVE COMMUNITY-BASED CARBON OFFSET SCHEME WITH LIVELIHOOD COMPONENTS EMPHASIZING SUSTAINABLE LAND-USE PRACTICES. IT OPERATES AS A MARKET SOLUTION THAT REDUCES UNSUSTAINABLE EXPLOITATION OF FOREST RESOURCES AND THE DECLINE OF ECOSYSTEM QUALITY, WHILE DIVERSIFYING AND INCREASING INCOMES FOR RURAL FARMERS AND THEIR FAMILIES.

TGB COMBINES CARBON SEQUESTRATION WITH RURAL LIVELIHOOD IMPROVEMENTS THROUGH SMALL-SCALE, FARMER-LED AGROFORESTRY PROJECTS AND ECOSYSTEM SERVICES BY LINKING RURAL FARMERS WITH INTERNATIONAL CARBON OFFSET BUYERS. THE TGB SCHEME OPERATES AS A PROGRAMME OF ACTIVITIES TO ENABLE SCALING UP THROUGH THE DESIGN OF NEW ACTIVITIES AND THE RECRUITMENT OF NEW FARMING COMMUNITIES.

IN ADDITION TO FARMERS' DIRECT PAYMENTS FOR PLANTING TREES AND SEQUESTERING CARBON, THE PROJECT AIMS TO CONTRIBUTE TO INCOME STABILITY, FOOD SECURITY, AND FUEL SECURITY AT THE COMMUNITY LEVEL.

ECOTRUST ALSO REQUIRES THAT PARTICIPATING FARMERS OPEN BANK ACCOUNTS FOR DEPOSITING THEIR EARNINGS, WHICH HELPS PARTICIPANTS TO IMPROVE THEIR FINANCIAL PLANNING AT THE HOUSEHOLD LEVEL. ECOTRUST SUPPORTS AND FACILITATES THE OPENING OF BANK ACCOUNTS FOR FARMERS WHO DO NOT YET HAVE THEM. UNDER THE PROJECT, VILLAGE BANKS ARE GROWING AND BECOMING MORE SUSTAINABLE AS A GROWING NUMBER OF PARTICIPATING FARMERS STEADILY ADOPT THE PRACTICE OF SAVING.

LIKE MOST PLAN VIVO PROJECTS, TGB IS COMMUNITY-LED, MEANING THAT PARTICIPATING SMALLHOLDERS AND COMMUNITIES HAVE A SIGNIFICANT AND DIRECT ROLE IN PROJECT DESIGN. SPECIFICALLY, PROJECT PARTICIPANTS ARE INVOLVED IN TREE SPECIES SELECTION, SEED GATHERING, SEEDLING NURSERY BUILDING, TREE PLANTING, AND OVERSEEING TREE PROTECTION.



Photo credits: Trees for Global Benefits



THE TGB MODEL HAS BEEN ADOPTED AND PROMOTED BY UNDP AS AN EFFECTIVE MODEL FOR PROMOTING ECOSYSTEM-BASED ADAPTATION (EBA)

CLIMATE SERVICES AND LAND MANAGEMENT

TGB ENABLES COMMUNITIES TO GAIN SKILLS AND KNOWLEDGE TO MANAGE LAND SUSTAINABLY IN THREE DIFFERENT ASPECTS: AFFORESTATION, IMPROVED FOREST MANAGEMENT AND ASSISTED REGENERATION. THE PROJECT HAS THE ANNUAL CAPACITY TO GENERATE 100,000 PLAN VIVO CERTIFICATES (PVCS) WITH EACH CERTIFICATE REPRESENTING THE SEQUESTRATION OR REDUCTION OF ONE TONNE OF CO₂, AS WELL AS OTHER CO-BENEFITS. THE PROJECT IS ACTIVE IN THE DISTRICTS OF BUSHENYI, HOIMA KASESE, MASINDI, GULU, ADJUMANI, MBALE, MANAFWA AND BUDUDA, AND ENCOMPASSES ABOUT 4,064 HA OF LAND.

TGB HAS BEEN VERIFIED BY THE RAINFOREST ALLIANCE IN 2009 AND IN 2013 WHICH INVOLVED AN ASSESSMENT OF THE PROJECT'S MONITORING AS WELL AS THE SUSTAINABILITY OF PROJECT ACTIVITIES.

ECOSYSTEM & BIODIVERSITY BENEFITS

- FURTHER EXPANSION OF INDIGENOUS TREE SPECIES, NATIVE ISLANDS AND CORRIDORS.
- RESTORATION, PROTECTION AND MANAGEMENT OF DEGRADED AND THREATENED ECOSYSTEMS.
- INCREASED PROVISION OF ALTERNATIVE SOURCES OF WOOD.
- REGULATION OF MICRO-CLIMATES.
- IMPROVED WATER PURIFICATION.
- SOIL STABILISATION AND IMPROVED MOISTURE RETENTION ON SLOPES.



LIVELIHOOD BENEFITS

- TGB SUPPORTS MORE THAN 3,278 SMALLHOLDER FARMERS AND THEIR FAMILIES.
- THE STRUCTURE OF PAYMENTS ALLOWS FARMERS TO CONSIDER LONG-TERM INVESTMENT HORIZONS, USING PART OF THEIR LAND TO DEVELOP ASSETS WHICH NOT ONLY PROVIDE SHORT-TERM CASH AND NEEDED LIVELIHOOD INPUTS BUT ALSO LONG-TERM BENEFITS FROM MATERIALS AND INCOME THAT CAN BE ENJOYED IN THE FUTURE.
- THE PROJECT HAS SUPPORTED TWO COMMUNITIES IN ACQUIRING TITLES OF COMMUNAL OWNERSHIP FOR THE IMPROVED MANAGEMENT OF THE COMMUNITY FORESTS IN THEIR AREA.
- CARBON FARMERS HAVE THE ABILITY TO JOIN LOCAL VILLAGE BANKS THROUGH THE PURCHASE OF SHARES, THUS HELPING TO CAPITALISE THE VILLAGE BANKS.



TGB WON THE LOW CARBON SEED AWARD IN OCTOBER 2013. THE AWARD WAS PRESENTED TO TGB BY UNEP, UNDP AND IUCN IN RECOGNITION OF THE PROJECT'S FOCUS ON INTEGRATING SOCIAL, ENVIRONMENTAL AND ECONOMIC BENEFITS INTO ITS BUSINESS MODELS.

TO VIEW TGB'S TECHNICAL DOCUMENTS AND ANNUAL REPORTS, AND TO OFFSET YOUR EMISSIONS THROUGH THIS PROJECT, VISIT:

COTAP.ORG/UGANDA

COTAP
PARTNER
SINCE 2011

TREES OF HOPE - MALAWI

THE TREES OF HOPE PROJECT AIMS TO IMPROVE THE LIVELIHOODS OF RURAL FARMERS IN THE DOWA AND NENO DISTRICTS OF MALAWI. THE PROJECT COORDINATES COMMUNITY-LED EFFORTS IN CLIMATE CHANGE MITIGATION AND ADAPTATION THROUGH AGROFORESTRY AND REFORESTATION ACTIVITIES, REDUCING THE LOCAL COMMUNITY'S VULNERABILITY TO CLIMATE CHANGE THROUGH BENEFITS DERIVED FROM TREE-BASED LAND USE SYSTEMS.

LOCATION

- NENO AND DOWA, MALAWI

PROJECT COORDINATOR

- CLINTON DEVELOPMENT INITIATIVE
NEW YORK, NY

OPERATIONAL SINCE

- 2007

OFFSETS CREATED TO DATE

- 42,550 TONNES

AREA OF LAND UNDER MANAGEMENT

- 914 HA AND 16,111 X 100M SEGMENTS OF
BOUNDARY PLANTING

PROJECT INTERVENTIONS

- AFFORESTATION
- REFORESTATION
- AGROFORESTRY

PARTICIPANTS

- 294 FARMERS AND FARMER GROUPS (239 OF
WHICH WERE SIGNED UP IN 2014)

PROJECT MILESTONES

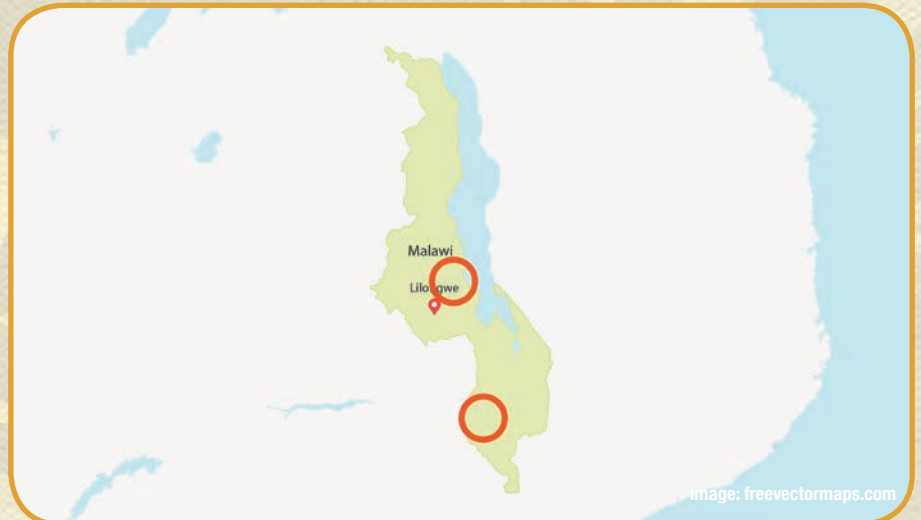
- REGISTERED IN 2011
- 1ST VERIFICATION IN 2015

LONG-TERM SUSTAINABILITY DRIVERS

- SOLAR DRYING TECHNIQUES
- DIVERSIFICATION OF INCOME
- APICULTURE

EXAMPLES OF PAST & PRESENT BUYERS

- WORLD WIDE WEB HOSTING LLC
- TUFF GONG WORLDWIDE / ZIGGY MARLEY
- TUI NORDIC AIRLINES
- HOTEL CUNA DEL ÁNGEL
- WTSMED, INC./RESTORATIVE FORMULATIONS



THE CLINTON DEVELOPMENT INITIATIVE ESTABLISHED THE TREES OF HOPE PROJECT IN 2007 IN THE DOWA AND NENO DISTRICTS OF MALAWI TO REVERSE DEFORESTATION, MITIGATE THE HARMFUL EFFECTS OF CLIMATE CHANGE, AND BOLSTER A SELF-SUSTAINING MARKETPLACE BY MAKING TREE FARMING PROFITABLE AND ATTRACTIVE FOR SMALLHOLDER FARMERS.

THE TREES OF HOPE PROJECT HELPS DECREASE THE COMMUNITY'S VULNERABILITY TO CLIMATE CHANGE BY IMPLEMENTING TREE-BASED LAND USE SYSTEMS, WHILE ALSO PROVIDING FARMERS WITH INCREASED INCOME FROM THE SALE OF CARBON OFFSETS.

THROUGH THE TREES OF HOPE PROJECT, RURAL FARMERS IN MALAWI DECIDE HOW THEY CAN BEST ADDRESS THREATS TO THEIR LOCAL ECOSYSTEMS BY CHOOSING ONE OF FIVE LAND-USE SYSTEMS. THESE SYSTEMS REPRESENT RESPONSIBLE LAND MANAGEMENT STRATEGIES THAT BENEFIT THE ENVIRONMENT BY REDUCING SOIL EROSION AND INCREASING SOIL FERTILITY.





CLIMATE SERVICES AND LAND MANAGEMENT

MORE THAN 2.6 MILLION HARDWOOD, MANGO, AND CITRUS TREES HAVE BEEN PLANTED TO DATE. FARMERS WITH PAYMENTS FOR ECOSYSTEM SERVICE (PES) AGREEMENTS HAVE ESTABLISHED WOODLOTS, MANGO ORCHARDS, CITRUS ORCHARDS AND DISPERSED SYSTEMATIC INTERPLANTINGS (DSI) OVER MORE THAN 914 HECTARES. IN ADDITION, MORE THAN 16 KM OF BOUNDARY PLANTINGS HAVE BEEN ESTABLISHED. THE PROJECT HAS DELIVERED MORE THAN \$60,000 USD IN SUPPLEMENTAL INCOME TO PARTICIPANTS WITH PES AGREEMENTS.

REFORESTATION AND AFFORESTATION INTERVENTIONS MAINLY INCLUDE THE ESTABLISHMENT OF INDIGENOUS AND NATURALIZED TREE SPECIES, INCLUDING ALBIZIA LEBBEK, MELIA AZEDARACH, SENNA SIAMEA AND SENNA SPECTABILIS, AT A DENSITY OF 2,500 TREES PER HECTARE.

UPON JOINING THE TREES OF HOPE PROJECT, FARMERS ARE TRAINED AND EQUIPPED WITH NEW KNOWLEDGE AND SKILLS, PROVIDING THEM THE OPPORTUNITY TO ENHANCE THEIR LIVES, ECOSYSTEMS, AND INCOMES. THESE TRAINING SESSIONS TEACH THEM HOW TO ESTABLISH NURSERIES, GROW SEEDLINGS, TRANSPLANT THEM, AND CARE FOR THE TREES DURING THEIR LIFETIME.

ECOSYSTEM & BIODIVERSITY BENEFITS

- DISPERSED SYSTEMATIC INTERPLANTING INVOLVES THE DELIBERATE PLANTING OF TREES, SUCH AS FAIDHERBIA ALBIDA, WHICH IMPROVE SOIL QUALITY AND FERTILITY BY PRODUCING NITROGEN COMPOUNDS IN THEIR ROOTS AND INCREASED ORGANIC MATTER.
- IMPROVEMENT OF GROUND WATER RECHARGE SYSTEMS THROUGH ENHANCED WATER FILTRATION.
- REDUCTION OF FOREST FIRES IN THE REGION.
- PRESERVED OR INCREASED BIODIVERSITY.
- SOIL CONSERVATION, LIMITING EROSION AND WATER RETENTION.



LIVELIHOOD BENEFITS

- INCOME FROM SALE OF NON-TIMBER FOREST PRODUCTS (NTFPS), SUCH AS MEDICINE AND FOOD PRODUCTS (HONEY).
- INCREASED AVAILABILITY OF LIVESTOCK FODDER.
- SUSTAINABLE CHARCOAL PRODUCTION.
- IMPROVED FOOD AND NUTRITIONAL SECURITY THROUGH INTRODUCING GRAFTED FRUIT TREES, WHICH FRUIT FASTER THAN LOCAL VARIETIES AND OFTEN PRODUCE LARGER, MORE FLESHY FRUIT.
- AFFORESTATION AND SUSTAINABLE HARVESTING TECHNIQUES EASE PRESSURE ON WOMEN, WHO PREVIOUSLY HAD TO TRAVEL LONG DISTANCES TO COLLECT FIREWOOD.
- SOLAR DRYING TECHNIQUES TO DRY FRUITS SUCH AS MANGOES THAT WOULD HAVE OTHERWISE BEEN WASTED DUE TO LIMITED MARKET ACCESS.
- LOCAL PROGRAM MONITORS (LPMS) COORDINATE FARMERS AND TRAINING SESSIONS AT THE COMMUNITY LEVEL IN ORDER TO DELIVER PROGRAMS MORE EFFECTIVELY, ALLOWING COMMUNITIES TO TAKE OWNERSHIP OF THEIR NATURAL RESOURCE MANAGEMENT SYSTEMS.

TO VIEW TREES OF HOPE'S TECHNICAL DOCUMENTS AND ANNUAL REPORTS, AND TO OFFSET YOUR EMISSIONS THROUGH THIS PROJECT, VISIT:

COTAP.ORG/MALAWI

COTAP
PARTNER
SINCE 2012

KHASI HILLS COMMUNITY REDD+ PROJECT - INDIA

THE KHASI HILLS COMMUNITY REDD+ PROJECT IS INDIA'S FIRST COMMUNITY-BASED REDD+ PROGRAMME, AND WILL PROTECT AND RESTORE 27,000 HA OF CLOUD FOREST. THE PROJECT AIMS TO PRESERVE SACRED GROVES AND OTHER FOREST AREAS, INCLUDING WATERSHEDS, AND TO RE-PLANT SURROUNDING LAND.

LOCATION

- EAST KHASI HILLS DISTRICT, MEGHALAYA, INDIA

PROJECT COORDINATOR

- COMMUNITY FORESTRY INTERNATIONAL (U.S.)/
KA SYNJUK KI HIMA ARLIANG WAH UMIAM
(SHILLONG)

OPERATIONAL SINCE

- 2011

OFFSETS CREATED TO DATE

- 21,805 TONNES

AREA OF LAND UNDER MANAGEMENT

- 15,217 HA
- REDD+: 9,270 HA DENSE FOREST
- ANR: 5,947 HA. OPEN FOREST

PROJECT INTERVENTIONS

- REDD+ (AVOIDED DEFORESTATION)
- ASSISTED NATURAL REGENERATION

PARTICIPANTS

- 62 VILLAGE GROUPS

PROJECT MILESTONES

- REGISTRATION IN 2013
- VERIFICATION DUE IN 2018

LONG-TERM SUSTAINABILITY DRIVERS

- SUSTAINABLE MANAGEMENT OF NTFP
- ESTABLISHMENT OF HOME-BASED TREE SEEDLING NURSERIES
- MORATORIUM ON SURFACE MINES AND QUARRIES
- ESTABLISHMENT OF COMMUNITY MICRO-FINANCE GROUPS

EXAMPLES OF PAST & PRESENT BUYERS

- CERAMICA SANT'AGOSTINO
- ECOMETRICA EDINBURGH
- TUI NORDIC AIRLINES
- BRIDGE PARTNERSHIP
- TECOMETRICA
- ANCA MÉDICA



THE KHASI HILLS COMMUNITY REDD+ PROJECT IS SITUATED IN THE EAST KHASI HILLS DISTRICT OF MEGHALAYA, INDIA. IT ENGAGES TEN INDIGENOUS KHASI GOVERNMENTS (HIMA) WITH 62 VILLAGES. THE AREA WAS CHOSEN ON THE GROUNDS OF ESTABLISHED KHASI TRADITIONS OF FOREST CONSERVATION AND LEGAL RIGHT FOR NATURAL RESOURCE MANAGEMENT.

THIS REDD+ PROJECT AIMS TO SLOW, HALT AND REVERSE THE LOSS OF COMMUNITY FORESTS BY PROVIDING SUPPORT, NEW TECHNOLOGIES AND FINANCIAL INCENTIVES TO CONSERVE EXISTING FORESTS AND REGENERATE DEGRADED FORESTS. THE PROJECT INTERVENTION AREA IS A GLOBAL BIODIVERSITY HOTSPOT, PROVIDING HABITAT TO MANY ENDANGERED SPECIES.

ANOTHER PRIMARY OBJECTIVE OF THE PROJECT IS TO DELIVER LONG-TERM STRATEGIES TO ADDRESS EXTREME POVERTY FACING RURAL FAMILIES AND IS INVOLVED IN THE ESTABLISHMENT OF WOMEN-RUN MICROFINANCE INSTITUTIONS.

THE PROJECT AIMS TO REDUCE DEFORESTATION AND RESTORE FORESTS AT THE SAME TIME BY ATTACKING THE AREA'S ROOT CAUSES OF DEFORESTATION. THE PROJECT FOCUSES ON REDUCING THE NUMBER AND SEVERITY OF FOREST FIRES BY ESTABLISHING FIRELINES WHICH ARE MAINTAINED AND MONITORED DURING THE FIRE SEASON BY LOCAL COMMUNITIES. TO REDUCE FUELWOOD COLLECTION, FAST-GROWING WOODLOTS ARE BEING ESTABLISHED NEAR VILLAGES TO COVER THE DEMAND FOR FIREWOOD.

THE PROJECT IS MANUFACTURING AND INSTALLING FUEL-EFFICIENT COOK STOVES AND PLANS TO SUBSIDIZE STOVES FOR THE MAJORITY OF THE 5,000 HOUSEHOLDS IN THE PROJECT AREA. AS A RESULT OF THIS ACTIVITY, FUELWOOD CONSUMPTION AND INDOOR SMOKE POLLUTION WILL BE REDUCED, THEREBY IMPROVING BOTH FOREST AND FAMILY HEALTH.



Photo credits: Khasi Hills Community REDD+ Project



CLIMATE SERVICES AND LAND MANAGEMENT

THE PROJECT IS SIGNIFICANT AS IT IS ONE OF THE FIRST REDD+ INITIATIVES IN ASIA TO BE DEVELOPED BY INDIGENOUS TRIBAL GOVERNMENTS ON COMMUNAL AND CLAN LAND. IT IS LOCATED IN THE UMIAM RIVER WATERSHED, WHICH, DESPITE ABUNDANT RAINFALL, IS AFFECTED BY DROUGHT AND INCREASED TEMPERATURE LARGELY DUE TO FOREST LOSS.

THE REDD+ COMPONENT OF THE PROJECT ENCOMPASSES FIVE ACTIVITIES WHICH ARE AIMED AT PROTECTING AND ENHANCING HYDROLOGICAL ASPECTS AND BIODIVERSITY, IN ADDITION TO STORING AND SEQUESTERING CARBON. THESE INCLUDE: ADVANCE CLOSURE, I.E. MOBILIZING COMMUNITIES TO RESTRICT ACCESS AND USE OF DEGRADED FORESTS, ASSISTED NATURAL REGENERATION ACTIVITIES, CONTROLLING FOREST FIRES, SUSTAINABLE FUEL WOOD PRODUCTION, AND REDUCED FUEL WOOD CONSUMPTION BY INTRODUCING FUEL-EFFICIENT COOK STOVES.

THE PROJECT HAS THE POTENTIAL TO GENERATE 26,479 PLAN VIVO CERTIFICATES PER YEAR, EACH REPRESENTING ONE TONNE OF CO₂E AND ADDITIONAL CO-BENEFITS.

ECOSYSTEM & BIODIVERSITY BENEFITS

- CONSERVATION OF A UNIQUE MIXED EVERGREEN CLOUD FOREST WHICH IS RICH IN ENDANGERED AMPHIBIAN SPECIES.
- ESTABLISHMENT OF A BIODIVERSITY CORRIDOR LINKING REMNANT FOREST PATCHES AND THEREFORE PROVIDING ENHANCED SHELTER FOR BIODIVERSITY.
- PROTECTING THE UMIAM RIVER WATERSHED WITH FOREST BUFFERS.
- PROTECTION OF SACRED GROVES.



LIVELIHOOD BENEFITS

- ESTABLISHMENT OF HOME-BASED TREE SEEDLING NURSERIES.
- ESTABLISHMENT OF WOMEN-RUN SELF-HELP GROUPS (SHGS) IN CHARGE OF TREE NURSERIES AND MICRO-FINANCE INSTITUTIONS.
- PROMOTION OF ECO-TOURISM TO GENERATE INCOME FOR LOCAL FARMERS AND SMALLHOLDERS.
- DISTRIBUTION OF FUEL-EFFICIENT STOVES TO REDUCE DEPENDENCY ON FIREWOOD AND INCREASE HEALTH AT THE HOUSEHOLD LEVEL.



TO VIEW THE KHASI HILLS PROJECT'S TECHNICAL DOCUMENTS AND ANNUAL REPORTS, AND TO OFFSET YOUR EMISSIONS THROUGH THIS PROJECT, VISIT:

COTAP.ORG/INDIA

COTAP
PARTNER
SINCE 2014

COTAP FOR INDIVIDUALS

US \$9.90 PER TONNE / 90.9% GOES TO PROJECTS / 100% TAX-DEDUCTIBLE FOR U.S. RESIDENTS



OFFSETTING YOUR CO₂ EMISSIONS

OFFSETTING YOUR CO₂ EMISSIONS WITH US COULDN'T BE EASIER. IN LESS THAN 5 MINUTES, YOU CAN CHOOSE A PRE-SET OFFSETTING LEVEL RIGHT ON COTAP.ORG, CHECK OUT SECURELY THROUGH PAYPAL, AND WE DO THE REST!

IF YOU PREFER, YOU CAN EXPLORE THE OFFSETTING OPTIONS SECTION OF OUR MENU TO CALCULATE YOUR ANNUAL EMISSIONS (FOR U.S. RESIDENTS), LOOK UP YOUR COUNTRY'S PER CAPITA EMISSIONS (NON-U.S.), OFFSET BY DOLLAR AMOUNT OR BY THE TONNE, AND/OR CUSTOMIZE WHICH PROJECT(S) YOU'RE SUPPORTING.



OFFSETTING BY CHECK

CHECKS CAN BE MADE PAYABLE TO CARBON OFFSETS TO ALLEVIATE POVERTY (COTAP) AND MAILED TO:

CARBON OFFSETS TO ALLEVIATE POVERTY (COTAP)
3857 LAKESHORE AVENUE
OAKLAND, CA 94610

TO RECEIVE AN EMAILED DONATION ACKNOWLEDGEMENT LETTER INSTEAD OF A MAILED ONE, PLEASE BE SURE TO INCLUDE YOUR EMAIL ADDRESS. SPECIFY HOW MUCH OF YOUR OFFSET YOU'D LIKE TO GO TO EACH OF OUR PROJECTS, OTHERWISE IT WILL BE EVENLY DIVIDED BETWEEN ALL OF THEM.



PERSONAL FUNDRAISERS, GIFTS, WEDDINGS & BAR/BAT MITZVAHS

CREATE YOUR OWN FUNDRAISER AND ENCOURAGE FRIENDS TO OFFSET, GIVE COTAP AS A GIFT, OR EVEN OFFSET YOUR WEDDING OR BAR/BAT MITZVAH THROUGH US! THESE OPTIONS AND MORE CAN ALL BE FOUND THROUGH OUR HOMEPAGE MENU.



WHERE YOUR MONEY GOES & WHEN

YOU WILL RECEIVE A DETAILED OFFSET ACKNOWLEDGEMENT AND YOUR TONNES WILL BE INCLUDED IN COTAP'S CARBON CREDIT RETIREMENTS ON THE MARKIT ENVIRONMENTAL REGISTRY. YOU CAN TRACK YOUR OFFSETTING TRANSACTION AND DOWNLOAD PROJECTS' ANNUAL REPORTS, WHICH CONTAIN DETAILED ACCOUNTING OF PAYMENTS TO COMMUNITIES, AT COTAP.ORG/TRANSPARENCY.



COTAP FOR BUSINESS

ENRICH YOUR ORGANIZATION'S SUSTAINABILITY EFFORTS BY COUNTERACTING YOUR UNAVOIDABLE CO₂ EMISSIONS WHILE ALSO DIRECTLY REDUCING GLOBAL ECONOMIC INEQUALITY. COTAP IS A COST-EFFECTIVE AND HIGHLY VISIBLE BRAND-BUILDING TOOL FOR DEMONSTRATING ACTION TO CUSTOMERS AND EMPLOYEES WHO SHARE YOUR VALUES.



PROFESSIONAL CERTIFICATES & PUBLIC REGISTRY RETIREMENTS

TWO POWERFUL TOOLS ARE *INCLUDED* WITH YOUR ORGANIZATION'S OFFSET PURCHASE, SERVING AS PROOF OF YOUR TRANSACTION WHILE MAKING YOUR COMMITMENT AND ACTION SPECIFIC AND CLEAR:

- *PROFESSIONALLY-DESIGNED CERTIFICATES* IN BOTH DIGITAL AND FRAME-QUALITY PRINTED FORMATS.
- *PUBLIC ONLINE CARBON CREDIT RETIREMENTS* IN YOUR ORGANIZATION'S NAME AND IN COTAP'S ACCOUNT ON THE THIRD-PARTY MARKIT ENVIRONMENTAL REGISTRY.

EACH OF THE ABOVE NOTES THE NUMBER OF TONNES OF CO₂ YOU'VE OFFSET, AS WELL AS WHICH PROJECT(S) YOU'VE OFFSET THROUGH. YOU MAY ALSO NOTE SCOPE AND TIME FRAME (E.G. "Q2 2015 EMPLOYEE AIR TRAVEL"). UPON REQUEST, WE CAN ALSO MAKE YOUR TRANSACTION ANONYMOUS.



CO₂ FOOTPRINT MEASUREMENT AND CERTIFICATION

IF YOU NEED GUIDANCE DETERMINING EXACTLY HOW MANY TONNES TO OFFSET – WHETHER YOU'RE A BUSINESS, SCHOOL, NGO, OR PUBLIC FIGURE – WE'VE GOT YOU COVERED! OUR GLOBAL NETWORK OF ACCREDITED PARTNERS CAN FORMALLY ASSESS AND CERTIFY YOUR OFFICE, TRAVEL, PRODUCT, OR EVENT CARBON FOOTPRINT TO STANDARDS SUCH AS THE GHG PROTOCOL AND PAS 2060.

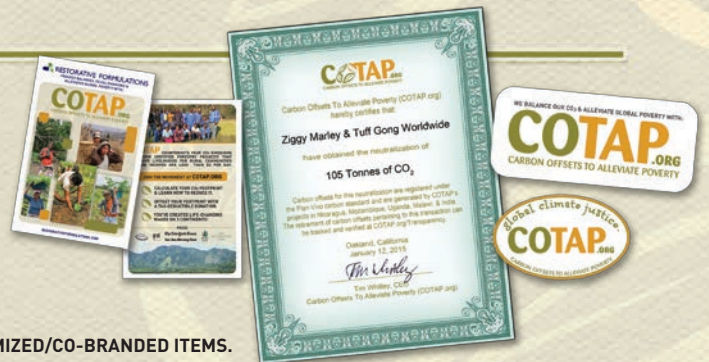


MARKETING YOUR ACTIONS

- CERTIFICATES
- CO-BRANDED POSTCARDS
- VEHICLE MAGNETS
- STOREFRONT DECALS

MOST MARKETING TOOLS ARE TYPICALLY INCLUDED IN COTAP'S OFFSETTING RATE OF \$9.90/TONNE.

ADDITIONAL COSTS MAY APPLY FOR LARGER QUANTITIES OF CUSTOMIZED/CO-BRANDED ITEMS.





LARGER COMPANIES

COTAP IS THE LEADING, GLOBAL, CONSUMER-FACING, FAIR TRADE, AND NONPROFIT OFFSETTING *BRAND* DESIGNED TO BE THE MOST COMPELLING, ACCESSIBLE, AND FLEXIBLE CHOICE FOR *INDIVIDUALS*, AND THAT INCLUDES YOUR *ORGANIZATION'S STAKEHOLDERS*.

OUR COMMITMENT TO POVERTY ALLEVIATION *DOUBLES* THE REASONS FOR YOUR STAKEHOLDERS TO APPRECIATE YOUR CLIMATE LEADERSHIP. OUR UNSURPASSED COMBINATION OF U.S. TAX-DEDUCTIBILITY, TRANSPARENCY, AND HONEST PRICING FURTHER EMPOWER YOUR CUSTOMERS AND EMPLOYEES TO *FOLLOW YOUR LEAD*, INSTEAD OF SIMPLY APPRECIATING IT FROM A DISTANCE.

IN ADDITION TO BENEFITS PROVIDED TO INDIVIDUALS AND ALL ORGANIZATIONS, BENEFITS FOR COMPANIES OFFSETTING MORE THAN 1,000 TONNES INCLUDE, BUT ARE NOT LIMITED TO:

- REQUESTING SPECIFIC OFFSET PLANTING SEASON(S)/VINTAGE(S), INCLUDING FUTURE ONES.
- JOINING COTAP STAFF ON SCHEDULED PROJECT VISITS.
- HOSTING COTAP FOR AN IN-OFFICE PRESENTATION OR WEBINAR FOR YOUR EMPLOYEES.
- ACCESSING PLAN VIVO PROJECTS *NOT* LISTED ON COTAP. SUBJECT TO AVAILABILITY AND RESTRICTIONS.



EMPLOYEE OFFSET MATCHING PROGRAM

FOR QUALIFIED U.S.-BASED COMPANIES WITH EXISTING EMPLOYEE DONATION MATCHING PROGRAMS. COTAP CAN LEVERAGE ITS 501(c)3 STATUS TO *DOUBLE* THE TONNES OFFSET BY YOUR U.S.-BASED EMPLOYEES AND REDUCE THEIR EFFECTIVE OFFSETTING RATE TO A *TAX-DEDUCTIBLE \$4.95 PER TONNE*. THIS PROGRAM LEVERAGES ALREADY-COMMITTED MATCHING FUNDS, IT IS VOLUNTARY AND TURN-KEY, AND IT IS INDEPENDENT OF AND COMPLEMENTARY TO YOUR EXISTING CO₂ MITIGATION STRATEGIES AND ACTIVITIES.



CUSTOM PROGRAMS

OUR CONSISTENT PRICING, TOGETHER WITH OUR ABILITY TO DYNAMICALLY POOL AND ALLOCATE EMISSIONS AMOUNTS ACROSS OUR PORTFOLIO, FORM A UNIQUE CAPABILITY FOR RESOLVING CHALLENGING SCOPE 3 CARBON EMISSIONS MITIGATION GAPS. AS ONE EXAMPLE, YOU COULD PRICE AND OFFER OFFSETTING AS AN OPTION AT THE POINT OF SALE, AND FOR THE EXACT NUMBER OF GRAMS OR POUNDS OF CO₂ CREATED BY THE MANUFACTURING AND/OR ANTICIPATED USAGE OF THE PRODUCT(S) BEING PURCHASED.



EVENTS

WE'VE WORKED WITH BOTH CONFERENCES AND ONE-OFF EVENTS TO BALANCE THEIR CO₂ EMISSIONS FROM AIR TRAVEL. WE CAN CREATE A CUSTOMIZED ONLINE OFFSETTING HOMEPAGE FOR YOUR EVENT OR A CUSTOMIZED PROSPECTUS FOR INDIVIDUALS OR ORGANIZATIONS CONSIDERING COVERING THE OFFSETTING COST AS A DONATION OR SPONSORSHIP.



FOUNDATIONS & VENTURE PHILANTHROPISTS

LIKE MANY OTHER 501(c)3 PUBLIC CHARITIES, COTAP EFFICIENTLY LEVERAGES GRANT FUNDING TO GO FURTHER AND FASTER. *UNLIKE* THE CASE WITH OTHER CHARITIES, YOUR UNAVOIDABLE CO₂ EMISSIONS MEAN THAT YOU'RE ALSO RELEVANT TO COTAP AS A *CUSTOMER*. IF YOUR WORK INVOLVES PROTECTING THE ENVIRONMENT, HELPING THE GLOBAL POOR, OR BOTH, THEN YOU SHOULD CONSIDER VOLUNTARILY COUNTERACTING YOUR CARBON EMISSIONS THROUGH OUR FORESTRY RESTORATION AND PROTECTION PROJECTS WHICH CREATE LIFE-CHANGING INCOME FOR THE WORLD'S POOREST PEOPLE.

People and livelihoods

Food Security

Ecosystems

Small-Scale

REDD+

Native species

Biodiversity

Adaptation

Climate Justice

Accountability

Community Rights

Empowerment

Transparency

Agroforestry





FOR ADDITIONAL COPIES OF THIS BROCHURE OR
FURTHER INFORMATION, PLEASE CONTACT US:

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