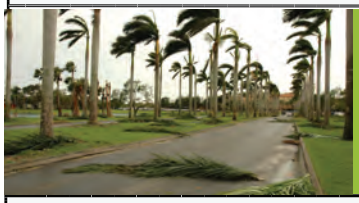
ECPA

Sustainable Communities in Central America and the Caribbean

Clean Energy and Energy Efficiency

Centro Alternativo Rural el Limón (CAREL) • Provide technical assistance and capacity building to support and replicate a community-based highly participatory micro- hydroelectric initiative in the Dominican Republic.	Dominican Republic
Fundación Solar • Reduce carbon emissions and indoor pollution from the use of wood through the implementation of organic waste biodigestion technology for the production of biogas; • Strengthen the productive use of organic composting and adopt sustainable environmental practices in the micro watersheds of Xeúl Canchel and Chibalám Chimachó, located in Cubulco municipality, Baja Verapaz department, in the northern area of Guatemala.	Guatemala
Universidad Tecnológica La Salle (ULSA) • Reduce energy dependence on fossil fuels and vulnerability to severe and prolonged drought through the creation of a vegetable oil micro industry with capacity to produce 8,000 lt/year and by planting 24,000 plants of Jatropha curcas in already degraded land unsuitable for other crops reducing 15.6 MT CO2 emissions and protecting livelihoods in the rural communities of El Espino and Las Lomas in Leon, Nicaragua.	Nicaragua
Universidad Nacional Agraria (UNA-Managua) • Install 30 stand alone Photovoltaic Systems for rural electrification of local communities in Las Jaguas, Orocuina and El espinal micro-wastersheds and strengthen the capacities of key actors in the development of renewable energies through training in the use of specialized software with state of the art technology in the design of PV systems.	Nicaragua



Resilience to Natural Hazards

Fundación ProPetén • Reduce wildfire risk by strengthening capacities for integrated fire management in agricultural productive activities of two communities in the buffer zone around a protected area in the Maya Biosphere Reserve in Peten, Guatemala. • Design and implement wildfire risk management protocols and early warning systems, create, equip and train two wildfire commissions at the community and municipal level in detection and immediate responses well as two community brigades prepared for the control and extinction of wildfires.	Guatemala
Centro Para la Investigación y Planificación del Desarrollo Maya Sotzíl • Strengthen the capacity of indigenous communities to prevent and mitigate the risk of natural disasters in the Central Highlands of Guatemala focusing on their traditional knowledge for risk management; • Developing an early warning and response system and adopting sustainable productive practices as an adaptation effort to climate change.	Guatemala
HOPE Nevis Incorporated • Build community resilience to drought, flooding and other natural hazards in one community in each of Nevis' five parishes by implementing sustainable preventative practices to safeguard the communities from hazards and equip the local population with the knowledge and technical skills to prepare, respond to and minimize the fallouts from natural and human induced hazards.	St. Kitts and Nevis

Sustainable Transport Solutions

Centro de Derecho Ambiental y de los Recursos Naturales (CEDARENA) and Fundación para el Desarrollo Urbano (FUDEU) • Contribute to the implementation of an alternative integrated urban transport system in the greater metropolitan area of Costa Rica by identifying opportunities and obstacles related to expanding the bicycle paths and the interconnection with the urban train. • Contribute to the development of bicycle paths by installing infrastructure such as traffic signs and bicycle parking in train stations, parks, stores and other strategic places reducing carbon emissions from traditional transportation systems. • Educate pedestrians, car and bicycle users about their responsibilities and rights and rise awareness within the local governments of San Jose, Cartago and Montes de Oca to promote bicycle use.	Costa Rica
The Clarence Fitzroy Bryant College • Introduce Sustainable Transportation for St. Kitts-Nevis with the use of facilities for non-motorized modes in Basseterre City. • Develop a database for transportation statistics to inform policy and forecast needs to avoid potentially costly mitigation measures. • Formulate a Transportation Plan as an element of the General Plan Framework or Master Plan for the country and implementation framework for re-distribution of mode share, with emphasis on reducing traffic congestion, pollution, and cost to commuters.	St. Kitts and Nevis
St. Augustine Campus of The University of the West Indies (UWI) - Caribbean Network for Urban Land Management (CNULM) • Comparatively analyze built and cultural heritage of five Caribbean cities (Willemstad, Paramaribo, Bridgetown, St. Georges and East Port-of-Spain), three of which are UNESCO World Heritage Sites and one of which seeks that designation, for elements of smart urban design that decrease car use and encourage walking and cycling as well as potential to generate local economic development and serve as a model for new urban development. • Produce technical, policy, and academic papers as well as a workshop at the Caribbean Urban Forum 2013.	Trinidad and Tobago

Waste management, Recycling (including electronic waste) and Improved Water Resource Management

Plenty International Belize Ltd • Support waste management efforts through education and alternative solid waste disposal. • Heighten community awareness on the importance of reducing the environmental impacts of solid waste disposal while gathering data to identify diversified recycling and reuse methods beneficial for sustainable community development in Punta Gorda, Belize. • Determine the feasibility of a sustainable recycling facility for the Toledo District.	Belize
Centro Regional del Convenio de Basilea para Centroamérica y México (CRCB-CAM) • Formulate the Waste Electrical and Electronic Equipment (WEEE) Strategy for Central America through a participatory approach and improve the environmentally sound management of WEEE in participating countries. • Strengthen the coordination of WEEE efforts among regional organizations, governments, private sector, NGOs and Universities strengthening the institutional capacities at the regional and national level.	El Salvador
The Grenada Project • Recycle certain waste streams including fish and other offals, brewer's spent grain, market waste, restaurant and hotel food waste and crop waste to manufacture a protein product that will lower the cost of feeding poultry and significantly improve the livelihoods of Grenada's farmers while avoiding putting noxious organic wastes in the local landfill and generating odor problems. Providing a method for the disposing of used motor oil and disseminate this highly replicable technology to other countries in the region.	Grenada
Hermandad de Honduras • Create a waste management system through a micro-enterprise model, creating jobs and opportunities for local residents. Make waste collection cost effective, accesible and financially sustainable. • Develop an organic waste treatment plant for the Sensenti Valley region in the southwestern province of Ocotepeque, Honduras.	Honduras