



LIVE UNITED.

UNITED WAY NATIONAL DAY OF CARING 2018

Sunday May 20th 2018

To launch the GEF-IWEco Trinidad Rehabilitation of Quarries Project
Taking place at the sites of the upcoming UNDP GEF Small Grants Programme projects

DID YOU KNOW?

→ An acre of trees absorbs enough carbon dioxide over one year to equal the amount produced by driving a car 26,000 miles

→ Trees and forests provide food and wildlife habitats

→ Planting trees remains one of the cheapest, most effective means of drawing excess carbon dioxide from the atmosphere

→ 100 metric tons of carbon dioxide (CO2) can accumulate in one acre of forest over time

→ The roots of vetiver grass can grow up to 10 feet deep in the first 2 years, where most other grasses roots grow less than 1 foot deep

→ The deep and fibrous root system of vetiver grass make it a powerful tool for slope stabilization, erosion control, and soil and water conservation

→ Vetiver grass is a 'C4 plant' meaning that it takes in more carbon per leaf mass than 95% of other plant species which are 'C3-type'

→ Many quarry and mine sites all over the world have been rehabilitated and transformed into public parks, event venues, and forest eco-systems

→ Numerous quarry pits in T&T remain abandoned and provide an ideal opportunity for rehabilitation interventions

→ The GEF-IWEco project is a multi-year program aimed to rehabilitate abandoned or exhausted quarry pits in the north east area of Trinidad to an area equivalent in size to 250 football fields. This will be done in partnership with NGOs and trained 'quarry rehabilitation champions' made up of members from surrounding and nearby communities

TO LEARN MORE ABOUT UPCOMING PROJECTS CONTACT:

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Trust for Sustainable Livelihoods

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Integrating Water, Land and Ecosystems Management
in Caribbean Small Island Developing States

#CaringForOurFuture



R.O.Q. TRINIDAD REHABILITATION OF QUARRIES PROJECT

“Promoting quarry rehabilitation for a rock solid future”



The IWeco's Trinidad Sub-Project "Rehabilitation of Quarries" (R.O.Q.) is a 4 year project that aims to rehabilitate at least 100 hectares (the equivalent of 250 football fields) of exhausted or abandoned quarry pits in the Valencia area. Quarrying activities often entail negative environmental impacts such as loss of cooling vegetative cover and corresponding affectation of the water cycle, dust pollution, siltation of surrounding water courses, biodiversity loss and ecosystem degradation, and the creation of visual "eye-sores". Rehabilitation offers the opportunity to improve the environment in-and-around these sites, which can often have direct and indirect social and economic benefits for surrounding communities, and create new uses for originally degraded lands.



The project aims to rehabilitate quarry sites using best practices which include: the establishment of pioneer plant species best suited for site specific physical conditions, the enhancement of soil and slope stabilization where required, repopulation with species of scientific and environmental significance, generation of new layers of topsoil through increased biomass, and fostering habitat regeneration for flora and fauna.

A key project component is working with the Global Environment Facility (GEF) Small Grants Programme (SGP) and non-governmental organizations (NGOs) to train "rehabilitation champions" from the surrounding communities who will become certified "Quarry Rehabilitation Officers" after completion of the training; and to identify opportunities such as the development of plant nurseries, innovative rehabilitation techniques, and the growth in partnerships with other stakeholders to aid in overall project success.

The R.O.Q. Project aims to promote quarry rehabilitation to operators and monitoring agencies as a major legal and corporate social responsibility towards the economic, social and environmental well-being of the communities and natural environment in which they operate. An important outcome will be the fostering of collaboration amongst numerous stakeholders from the surrounding communities, public and private sectors, non governmental organizations, international donor agencies and local executing agencies.

We invite you to become an active participant as we *"Promote quarry rehabilitation for a rock solid future!"*

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