

INNOVATION AND CLEAN TECHNOLOGIES FOR SUSTAINABLE RURAL DEVELOPMENT

The Nature Village project located in Sabana Yegua Viejo, Azua, includes the co-creation of the first sustainable community in the Caribbean region that will operate entirely with solar energy and will give people in situations of poverty and vulnerability the opportunity to close their development gaps jointly bringing access to clean energy, water and sanitation, housing improvement, education, technology and sustainable entrepreneurship with the implementation of a fish farm system led by women and young people, a telemetering system with information available in an open data platform and eco-friendly housing construction.

Nature Village is a multi-stakeholder program that continually promotes alliances between the public, private and civil society sectors. In this sense, this pioneering initiative in the region has the support of the Inter-American Development Bank (IDB) and other partners to develop the first open data platform for basic services in rural areas, which with Internet of Things technology (IoT) and sensors will allow us to have quality information in real time and the correlation with social, economic and environmental indicators in the community that allows us to generate models for replicability and scalability.

Common facilities

- Community aqueduct, to provide clean water for the first time to 50 families.
- The first rural micro power station in the DR so that this entire community can operate with solar energy.
- Creation of rural entrepreneurship, Piscifactoría La Nueva Esperanza, to provide business opportunities and support to families.

Eco-homes characteristics:

- A total of 50 houses will be built to benefit around 250 people.
- These houses will be built in blocks of recycled plastic manufactured in the DR, guaranteeing high resistance and durability, with 2 and 3 bedrooms, according to the number of family members.
- Nature Power will assist the community in training the housing committee for the design and establishment of use policies.
- The municipality of Padre las Casas has committed to the certification and titling of the land.
- Families will have access to clean water and toilets for the first time.

