

# PROJECT FACT SHEET

## ADVANCING CIRCULAR ECONOMY(ACE) FACILITY

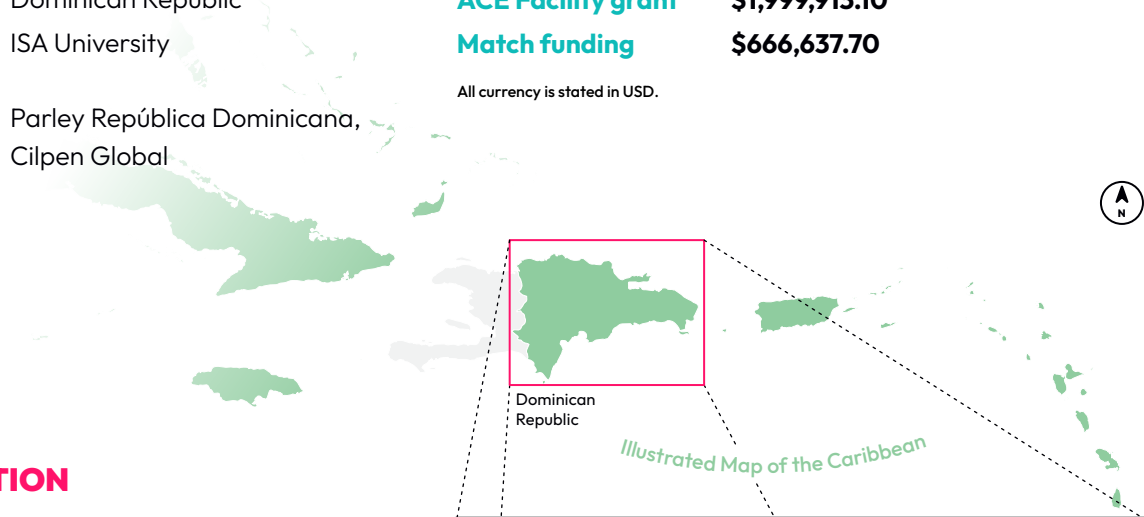
### Clean River, Living Ocean: Circularity solutions to reduce waste flow in the Yaque del Norte River

**Project duration** 36 months  
**Country** Dominican Republic  
**Lead organisation** ISA University

**Total project costs** \$2,666,550.80  
**ACE Facility grant** \$1,999,913.10  
**Match funding** \$666,637.70

All currency is stated in USD.

**Partners** Parley República Dominicana,  
 Cilpen Global

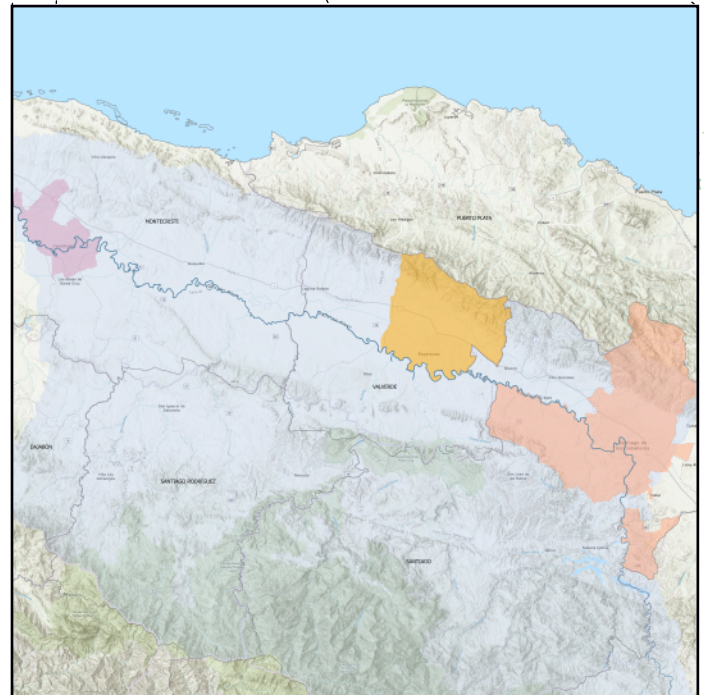


### PROJECT LOCATION

The project will be implemented in the Yaque del Norte River basin. Within this basin it is intended to intervene in the municipalities of Santiago de los Caballeros, Esperanza (Valverde), Castañuelas (Montecristi).

### PROJECT SUMMARY

The project aims to prevent the flow of solid waste from the Yaque del Norte River to the Atlantic Ocean by implementing innovative circular economy solutions. Building on a successful pilot barrier that intercepts over 70 tons of waste annually, the initiative will expand to include: installing separation/recycling stations, creating community collection routes and a collection center, and strengthening interception and monitoring. It will also promote eco-design, innovation, and conduct awareness programs and workshops for local stakeholders (teachers and students) to foster sustainable practices and reduce plastic pollution.





## EXPECTED IMPACT

- Improved environmental quality in riverside and coastal areas by reducing the accumulation of waste in the river and minimising its impact on marine ecosystems
- Greater use of recyclable materials, promoting their reinsertion into the economy through valorisation processes
- Progressive change of habits in the community, encouraging the separation of waste and the reduction of the use of single-use plastics
- Generation of applied knowledge through research into the impact of waste on ecosystems and the development of innovative solutions in eco-design and prototyping laboratories

## KEY IMPACT & INDICATORS

**1,073.5** tons of marine plastic collected by the end of the project

**31** temporary jobs generated directly by the project

**8** permanent jobs generated directly by the project

**15** new/strengthened partnerships promoting circular economy

**15** decision-makers trained in circular economy

**150** community participants with improved knowledge or strengthened capacity in circular economy and waste management

**15** trained technicians with improved knowledge or strengthened capacity in circular economy and waste management

**5400** persons actively participating in implementation

**10** knowledge-sharing activities related to circular economy implemented

**1** integrated waste management guide fully validated and published by the project end

## ACTIVITIES AND AREAS OF WORK

- **River Waste Interception & Monitoring:** Defining pollution hotspots; collecting baseline data via drones and sensors; installing Blue Barriers and Blue Stations; reinforcing existing barriers; establishing recovery logistics
- **Community Clean-Ups:** Organizing structured riverbank campaigns with defined roles, logistics, and educational components
- **Circular Economy Innovation:** Establishing a Laboratory for research; conducting feasibility studies for circular solutions; developing waste-derived prototypes; implementing scalable business models; partnering with universities and municipalities
- **Waste Management & Policy:** Launching a Solid Waste Management Guide; strengthening local government coordination; facilitating stakeholder collaboration platforms; integrating circular economy principles into governance
- **Education & Behaviour Change:** Conducting KAP surveys and trainings; developing educational materials; implementing a national pollution-reduction campaign

## CARIBBEAN BIODIVERSITY FUND

The Caribbean Biodiversity Fund (CBF) is a regional umbrella environmental fund dedicated to sustaining nature and improving lives through innovative financing solutions. The CBF through its three strategic programs: Conservation Finance, Climate Change, and Nature-based Economies collaborates with governments, communities, and development partners across the Caribbean region.

Funding for this project is provided through the Advancing Circular Economy (ACE) Facility. ACE is a development project of the CBF, co-financed by the Federal Republic of Germany (German Federal Ministry for Economic Cooperation and Development (BMZ) through the KfW Development Bank. Germany (German Federal Ministry for Economic Cooperation and Development (BMZ) through the KfW Development Bank.

### Caribbean Biodiversity Fund

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