

About us

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INNOVATION,
TRAINING & ADAPTATION
IN COASTAL AREAS



ITACA Resource S.A. (trading as ITACA SOLUTIONS) is a technical assistance service provider committed to accelerating climate adaptation in Central American and the Caribbean through capacity building, expert consulting and project development. We believe in climate ready, transformative and inclusive Caribbean communities led by motivated and prepared local champions. For us, climate action is built around successful partnerships and through the development of skill sets at the local level.

Our goal is to build the capacity of Central American and Caribbean communities to plan and finance their transition to a low carbon and climate resilient future, and we do so by helping to accelerate financing for climate resilient projects, forming a new generation of climate savvy local champions and providing tagile and contextual technical assistance.

We take pride in our ability to engage with a wide variety of stakeholders, both in the public and private sectors, and with local communities on matters including coastal development, climate change resilience, sustainable finance and nature-based solutions.



Our Vision

Climate-ready, transformative and inclusive Caribbean communities, led by motivated and prepared local champions.



What Makes Us Unique?

ITACA's flat organizational structure, along with our growing network of talented professionals, allows us to form highly skilled teams to effectively address a wide variety of challenges affecting the Region. We take pride in our capacity to foster meaningful partnerships and to work collaboratively with various stakeholder groups, leveraging interdisciplinary methodologies to collaborate seamlessly with governments, financial institutions, the private sector, and civil society organizations.

OUR SERVICES

ITACA Solutions was registered in Panama in October 2019, building on the extensive experience and expertise of its two female founders, who have over 30 years of combined experience working on climate change and environmental issues and have undertaken numerous projects on these topics within the broader Caribbean Region and Latin America.

At ITACA, we have the vision of developing climate-ready, transformative and inclusive communities, led by motivated and prepared local champions. We have set out three goals to achieve this vision, each linked to three interconnected service areas, as described below.



EDUCATION & TRAINING

Building the next generation of climate savvy professionals.

Technical training and life long education services to raise awareness on the need to tackle climate risks and the business opportunities and develop skillsets for climate action.



EXPERT CONSULTING

Provide agile access to multi-disciplinary, cross-sectoral, and motivated Caribbean and international experts.

Mainstreaming climate change considerations in projects relating to the blue economy, food security and nature-based solutions.



PROJECT DEVELOPMENT & ACCESS TO FINANCE

Support a finance paradigm in how projects are designed and financed.

Co-development of bankable climate resilient projects and support local project developers accessing finance advising international financial institutions on how to build more climate resilient portfolios.

OUR COMMUNITY-BASED APPROACH

At ITACA, we've developed a model that stands apart by putting science in service of people—bridging rigorous climate data with community wisdom to drive locally grounded, long-lasting impact.

Our approach is built around three pillars:

TRANSLATING SCIENCE INTO ACTION THROUGH PARTICIPATORY PLANNING

We specialize in making complex climate and environmental data meaningful and actionable at the local level.



- Through **Climate Risk and Vulnerability Assessments**, we distill data on sea-level rise, coastal hazards, and mangrove ecosystems degradation to help communities understand their unique risks and opportunities.
- We then **facilitate the co-creation of Community-Led Mangrove Restoration Plans** - merging ecological assessments with the socio-economic realities of each community to develop strategies that are both scientifically sound and locally owned.

ENSURING SUSTAINABILITY AND TANGIBLE LOCAL BENEFITS

We believe adaptation must go hand in hand with opportunity.



- Our team works with communities to design **Climate-Resilient Livelihood Plans**, ensuring that conservation efforts also support income generation, food security, and long-term well-being.
- From **sustainable tourism to mangrove seedling enterprises**, we tailor solutions to the local context while aligning them with broader biodiversity goals.

BUILDING LOCAL CAPACITY FOR LONG-TERM IMPACT

We don't just implement - we invest in people.



- Through structured **capacity-building programs** and **stakeholder engagement sessions**, we support community leaders, youth, and local institutions to strengthen their decision-making and technical capabilities.
- By partnering with local organizations and strengthening their leadership, we lay the foundation for **locally led and self-sustaining blue carbon and climate adaptation initiatives**.

KEY SERVICES FOR BLUE CARBON PROJECTS

COMMUNITY-BASED MONITORING SYSTEMS

- Establishment of community-run environmental monitoring programs to ensure data continuity and local engagement.
- Development of simple tools and training materials for use by local monitoring teams (e.g., photo logs, GPS tools, mobile apps).
- Integration of community-generated data into dashboard visualizations and project reporting.

COMMUNITY ENGAGEMENT IN PROJECT DEVELOPMENT

- Derisking community complexities
- Manage prior informed consent processes.
- Understanding and identifying solutions for land ownership issues.

GROUND-TRUTHING & FIELD VALIDATION OF EO DATA

- Design and implementation of in-situ monitoring protocols to validate satellite-derived data.
- Coordination with local stakeholders for data collection on mangrove species, biomass, and restoration progress.
- Delivery of geo-referenced field data that enhances model calibration and credit accuracy.

CO-DEVELOPMENT OF LIVELIHOOD DIVERSIFICATION PLANS

- Participatory assessments to identify locally appropriate alternative or enhanced livelihood opportunities (e.g., eco-tourism, aquaculture, sustainable harvesting).
- Business model development and basic feasibility analysis to link conservation with community well-being.
- Design of benefit-sharing frameworks aligned with carbon revenue or project incentives.



ECOSYSTEM RESTORATION MOBILIZATION & SUPPORT

- Technical and social support for the design, implementation, and maintenance of coastal ecosystem restoration projects.
- Community engagement strategies to enhance ownership, long-term stewardship, and integration with local knowledge.
- Development of communication tools to showcase restoration progress and link to dashboard indicators.

IMPACT COMMUNICATION & CASE STUDY DEVELOPMENT

- Design and delivery of impact communication strategies that translate technical monitoring outcomes into compelling, accessible narratives for diverse audiences (communities, donors, buyers).
- Development of case studies that showcase successful benefit-sharing models, local innovation, and measurable social and ecological co-benefits.
- Development of storytelling outputs such as videos, infographics, and social media campaigns that elevate community voices and position the project as a high-integrity investment opportunity.

TECHNICAL AND MANAGERIAL CAPABILITIES

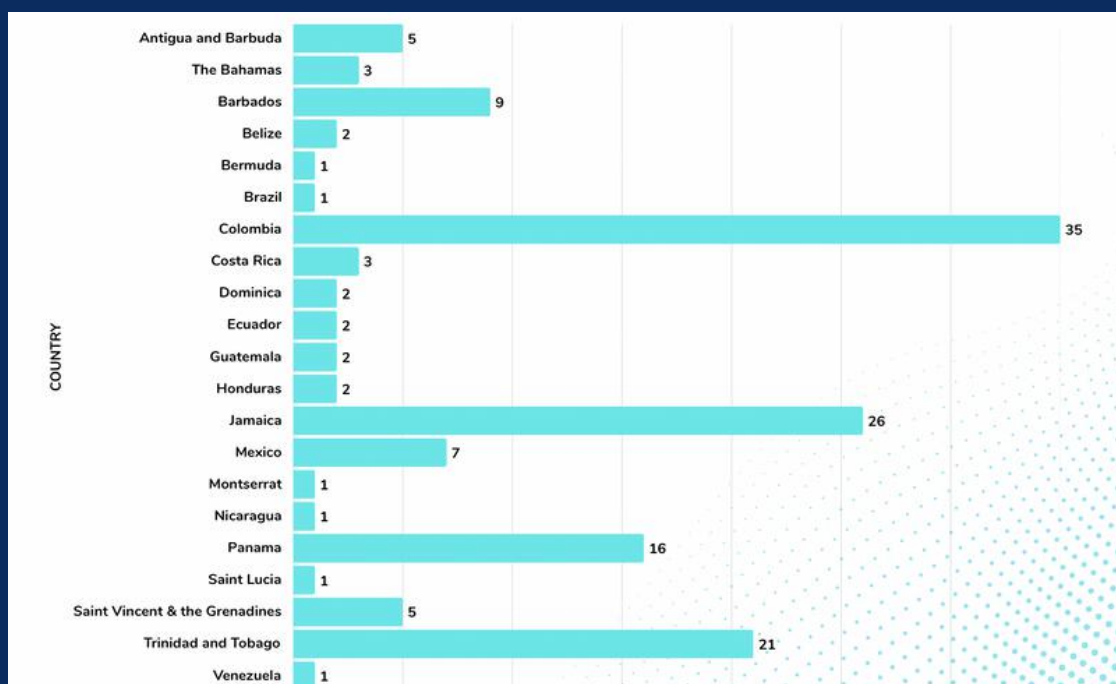
ITACA operates through a flat organizational model, providing a platform for highly skilled international and regional experts to collaborate on projects related to climate resilience in Central America, Colombia and the Caribbean.

We count on an extensive and solid network of over **200 motivated subject matter experts**, partners and associates that come from a diverse range of disciplines and have a wide variety of skills, including:



- GIS
- Coastal Conservation
- Project Management
- Mariculture
- Data & Statistical Analysis
- Coastal Planning
- Coastal Restoration
- Sustainable Tourism
- Agri-Business
- Nature-Based Solutions
- Sustainable Architecture
- Policy Development
- Climate Resilience
- Value Chain Development
- Water Management
- Gender Issues
- Renewable Energy
- Circular Economy
- Climate Finance
- Climate Science

EXPERTS IN LATAM



ITACA's flat organisational structure, along with its growing network of talented professionals, allows us to form highly skilled teams in order to effectively address a wide variety of challenges affecting the Region.

PROJECTS

At ITACA Solutions, we specialize in advancing climate resilience through science-based, locally driven solutions. From **pioneering climate education programs** and **school resilience initiatives** to developing **sustainable aquaculture and ecosystem restoration strategies**, we integrate cutting-edge knowledge with community knowledge to create real, lasting impact.



EDUCATION

STRENGTHENING CLIMATE CHANGE CAPACITY FOR CHILDREN, YOUTH, DECISION-MAKERS, AND CREATING A KNOWLEDGE HUB IN PANAMA

A project by MiAMBIENTE, implemented by Innovus Consulting and ITACA Solutions, with support from CAF, is looking to build the capacity of the youth through an online Climate Change Academy for Young Leaders, the development of guidebooks for school teachers and promoting an art contest across schools nation-wide.



NATURE-BASED SOLUTIONS

TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF A CLIMATE RISK VULNERABILITY STUDY IN THE GULF OF MONTIJO PROJECT

This project of MiAMBIENTE, implemented by IH Cantabria and ITACA Solutions, financed by EUROCLIMA through the support of Expertise France, analyze climate risks related to rising sea levels and coastal dynamics, and developed adaptation strategies for local communities in Panama, with a focus of mangrove restoration and local livelihoods development.



CLIMATE FINANCE

CLIMATE RESILIENT SCHOOLS IN BARBADOS

ITACA Solutions worked with CAF, the Ministries of Education and Finance, and local partners in Barbados to develop a Concept Note for GCF funding to enhance school resilience to climate change. As part of our work, we facilitated a workshop with school kids to understand their perceptions of climate threats to school and visualize what climate schools should look like according to their needs.



BLUE ECONOMY

SUPPORTING THE DEVELOPMENT OF THE FIRST COMMERCIAL SEA CUCUMBER HATCHERY OF THE AMERICAS

To pilot an inclusive aquaculture model for raising sea cucumber on the Panamanian Caribbean Coast to demonstrate the adaptability of the species in that geographical marine ecosystem and determine its scalability according to technical, environmental, and economic considerations



FOOD SECURITY

SUPPORTING THE DEVELOPMENT OF THE FIRST COMMERCIAL SEA CUCUMBER HATCHERY OF THE AMERICAS

Execute a multivariable diagnosis of the situational status of each of the participating fish and farm associations, using a self-assessment tool in which different institutional, social, environmental and economic aspects are evaluated, as well as undertaking a SWOT analysis and Business Canvas construction and a roadmap to strengthen each association.

ITACA'S CARIBBEAN EXPERT NETWORK

Do you work in the Caribbean and are you passionate about shaping a climate resilient future?

Join our Experts Network!

By registering, you'll gain access to exclusive opportunities to collaborate with thought leaders, work on impactful projects, and be part of a global community driving real change.

DISCOVER OUR YOUTUBE CHANNEL

Explore insightful talks and panels with experts on climate action and resilience.

[WATCH TALKS & PANELS](#)

See our fieldwork in action as we tackle real-world climate challenges.

[EXPLORE FIELD WORK](#)

WHY JOIN?

- Connect with like-minded experts and organizations
- Collaborate on high-impact climate adaptation and resilience projects
- Grow your professional network and career through exclusive invitations to events and partnerships

PARTNER WITH US FOR A RESILIENT FUTURE

At ITACA, we specialize in supporting communities in the Caribbean, Central America, and Colombia to navigate the climate realities and build long-term resilience. We offer tailored, expert support to help you achieve your goals.

If you're ready to take action and create lasting impact, we're here to help. Let's discuss how we can collaborate to support your efforts.

Get in touch with us:

Email: info@itaca.solutions
Learn more: www.itaca.solutions

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