

# Navigating Carbon Markets

With carbon markets around the world poised for growth, RTI provides real-world solutions based on market analysis, leading-edge science, and proven carbon management approaches.

Public and private sectors are increasingly using carbon markets as a source of finance for sustainable development. RTI combines the research expertise of distinguished universities, the innovation and implementation capabilities of a private enterprise, and the mission focus of a nonprofit to develop approaches that fit local contexts and needs.

## Our Expertise



### Climate Finance

Tailor support for companies to navigate the process of monetizing carbon credits or structuring carbon finance.



### Project Development

Quickly assess cost-benefit of a project.  
Leverage our global network to help identify partners and design projects that deliver benefits to all stakeholders.



### Climate Resilience

Use advocacy, behavior change communication, research, and environmental policy to integrate resilience into cross-sectoral work.  
Employ a market systems approach to sustainably improve livelihoods.



### Emissions Modeling

Calculate emissions and mitigation potential for greenhouse gases by sector (agriculture, forestry, electricity, etc.) across a range of carbon price scenarios.  
Monitor changes in land use and forest cover using satellite data.



### Market Design

Provide insight to design, enter, and/or be compliant with both mandatory and voluntary carbon markets at varying carbon price scenarios.

**RTI has the expertise & tools** to help you navigate carbon markets at national, regional, and global levels

## Developing Innovative Carbon Programs

RTI has decades of experience designing and implementing projects for carbon reductions across a broad range of sectors, including agriculture, forestry, clean energy, and more. We help clients to develop methane-reducing, climate smart products and services that benefit stakeholders and the environment.

## Leveraging Our Global Network to Create Effective Partnerships

RTI connects project developers to viable partners while helping navigate the local policy environment. Based on client needs and project scope, we identify compatible partners—such as local governments and other private sector partners—to develop projects and mobilize funds.

## Innovating New Ways to Access Finance

RTI works with finance partners to identify and grow carbon financing opportunities. We help companies to identify, develop, and register new methodologies and create market entry strategies. We can provide recommendations on project financing, and serve as liaison between project developers and carbon credit brokers. RTI's *Carbon Finance Guide* can be customized with tailored insights for potential projects, key benefits, and a roadmap for project implementation.

## Customized Carbon Decision-Making Tools

RTI develops easy-to-use tools to help you assess outcomes and unintended consequences of your options. For example, RTI's cost-benefit tool helps companies understand the economic feasibility of potential carbon projects. This simple model helps you to estimate the break-even price and cash flows under different carbon market prices for promising climate funding projects.

## Project Examples

### Hydrochar Production in Mexico

Following a successful pilot of a hydrothermal carbonization plant, the project developer was looking for second-phase financing. RTI recommended technical improvements and options for project financing, including carbon markets.

**RTI helped to identify and secure carbon financing for scaling hydrochar production.**

### Dairy Methane Capture in Ethiopia

Reducing the methane-intensity of milk is critical to achieving climate goals and feeding a growing population. In Ethiopia, RTI and our partners are leveraging climate finance to incentivize dairy methane reduction and climate smart agricultural practices.

**RTI is helping to develop and operationalize a scalable model that can be replicated in other contexts.**

### Land Use for Climate Solutions in Tanzania

RTI interviewed over 240 local leaders, technical experts, and community members in Tanzania regarding land use. Using satellite data, we compared forest loss rates before and after land use plan implementation.

**RTI identified and recommended community-level solutions for strengthening the effectiveness and impact of land use planning on climate outcomes.**