

CREATING A WORLD WHERE PEOPLE AND NATURE THRIVE

Promoting Sustainability in Agricultural Supply Chains

ISCC Regional Stakeholder Dialogue
Bogotá - March 6th.

A World Where People and Nature Thrive

There are two paths forward for our world. The choices we make today will define the legacy we leave behind for future generations.



Two Paths to 2050

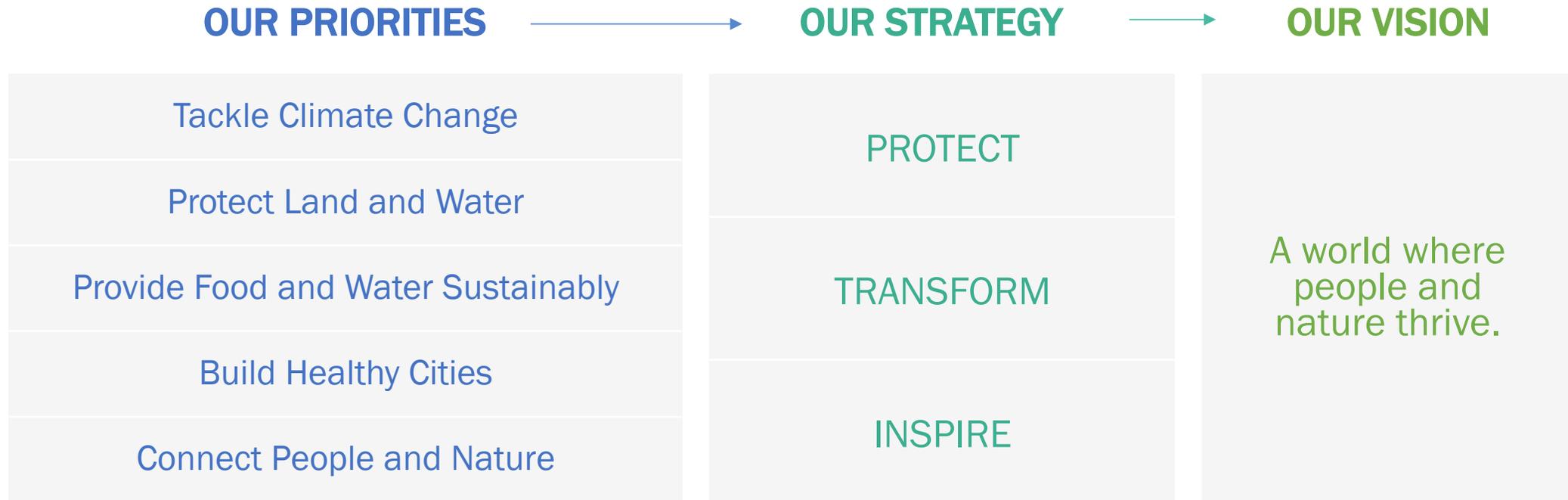
Can we create a future where people have the food, energy and economic growth they need without sacrificing nature?

Our research shows that a brighter future *is* possible.



Our Plan

By solving the top threats to nature, we can also improve the lives of millions of people.

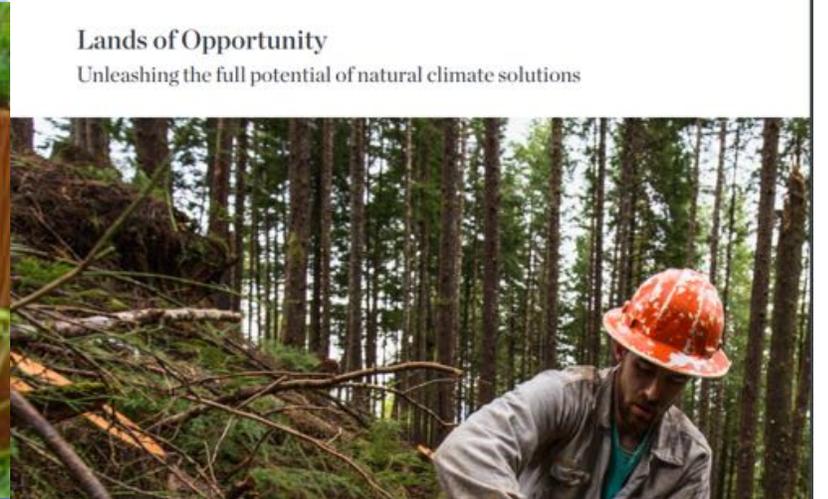


Our Strategy at Work: Lands

We develop and prove ideas to protect the world's great places.

We apply those proven ideas to change policy and practice and transform how nature is used.

We share successes and ideas to inspire impact beyond our direct influence.



Lands of Opportunity
Unleashing the full potential of natural climate solutions

Protect

First we tested and proved the sustainable cattle ranching idea worked in a variety of places

Transform

Then we shared the idea with governments, corporations and others to transform the practices and markets

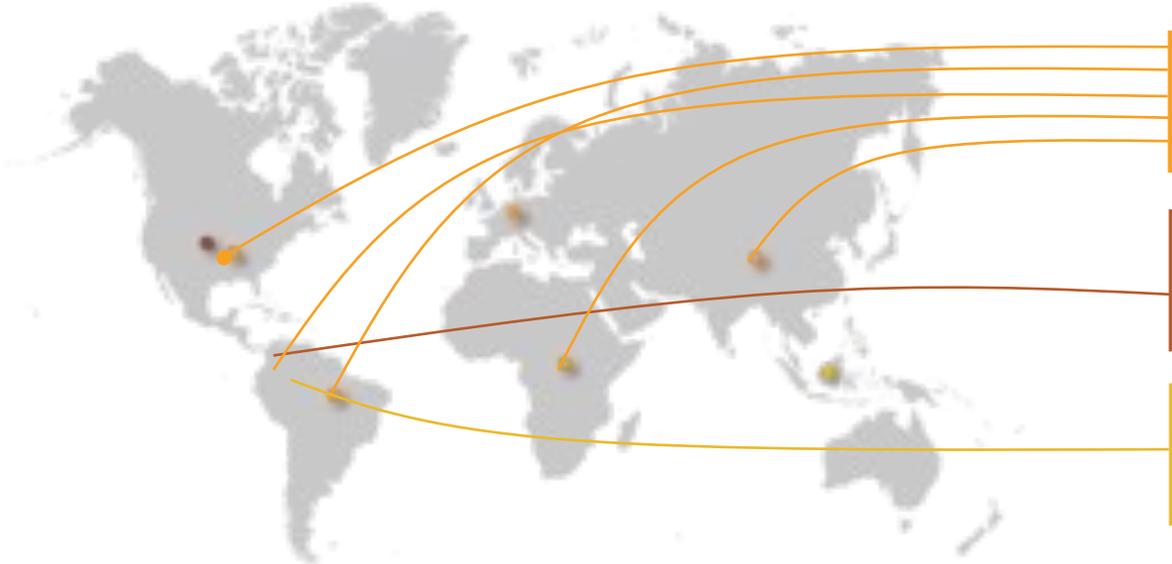
Inspire

And we connect decision-makers with this idea to inspire action beyond our own geographic reach

OUR PRIORITIES

Tackle Climate Change

Implement and increase emphasis on readily available, cost-effective natural climate solutions, such as reforestation, forest sustainable use and drive policy changes to accelerate our transition to a forest economy.



**Make the Case for
Natural Climate Solutions**

**Build Resilience through
Ecosystem Based Adaptation**

**Conserve
Working Forests**



Tackle Climate Change /

Make the Case for Natural Climate Solutions

Reforestation in Colombia, Ecuador and Brazil

▶ The **OPPORTUNITY**

Reforestation is the **biggest untapped opportunity** to solve climate change with the potential to sequester the equivalent of half of global transportation emissions.

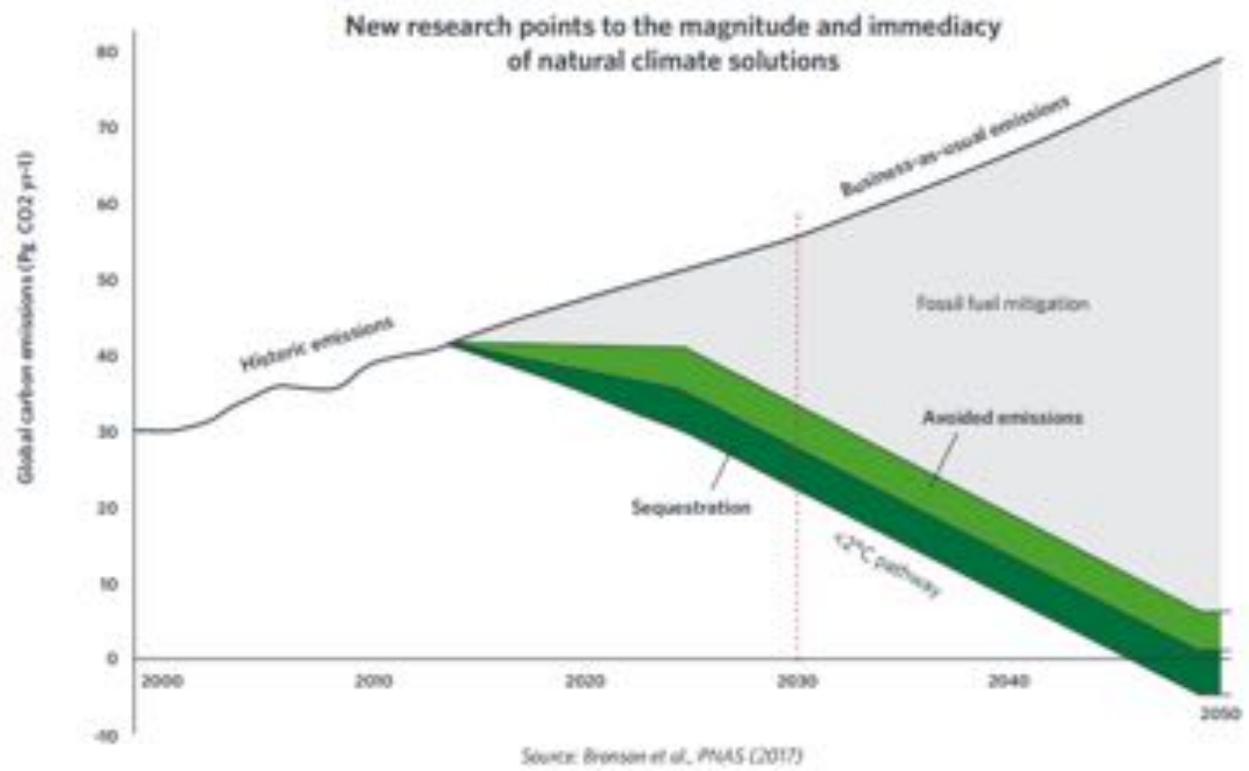
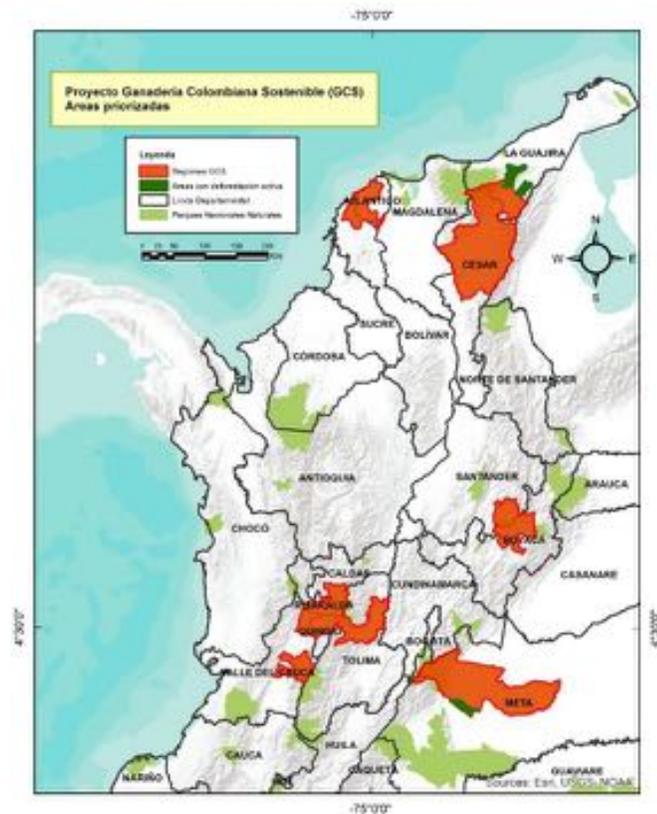
▶ The **IDEA**

Help countries around the world turn bold climate commitments into action by demonstrating how **reforestation can create jobs and grow the economy.**

▶ The **PLACE**

Reforesting **150,000 hectares** in Brazil's **Serra da Mantiqueira region** could make the case needed to accelerate restoration globally.

Natural climate solutions are proven ways of storing and reducing carbon emissions in the world's forests, grasslands and wetlands.



For natural climate solutions to fully meet their climate change potential, we need to rethink the way we manage the land and our demand for products from the land, including food and wood.

Meta (2030) NAMA Ganadería Sostenible - renovación de pasturas, **sistemas silvopastoriles, sistemas silvopastoriles intensivos** y fermentación entérica (Mt CO₂e)

Contribución del proyecto Ganadería Colombiana Sostenible a la remoción de CO₂ (2012-2017) (Mt CO₂e ± EE)

10,3

1,3 ± 0,2

OUR PRIORITIES

Protect Land and Water

Complete large protection deals using innovative finance, share planning siting principles to encourage sustainable development and partner with indigenous people to strengthen their rights as environmental stewards



Expand Community-Led Conservation

Build a Model of Sustainable Agricultura Development

Inform Decision-Making

Protect Oceans and Increase Climate Change Resilience



Protect Land and Water / Green Growth Compact Meta

▶ The OPPORTUNITY

Orinoquia Region is expected to meet Colombia's agroindustry development.

▶ The IDEA

TNC developed a compact with public and private partners where work is being developed at 3 different geographical scales: Basin level to develop scientific tools for planning the Orinoquia, Departamental scale- Meta providing environmental services analysis for the Agricultural Planning. Local support to milk and cocoa producers.

▶ The PLACE

In Colombia's Meta Department, TNC is ensuring that sustainable practices meet private and public goals, supporting and promoting sustainable practices and the creation of privately owned protected areas in the region, aiming to create a mosaic of conservation figures for special ecosystems like savannas.

Protect Land and Water /
Inform Smart Infrastructure Decision-Making

Colombia's Magdalena River

▶ The OPPORTUNITY

More than \$3 trillion is predicted to be spent over the next decade to meet Latin America's energy, mining, food and transportation needs.

▶ The IDEA

TNC developed an open-access scientific tool to help governments, industries, agricultural sector and communities visualize how they can meet their energy, food and general infrastructure needs while protecting nature.

▶ The PLACE

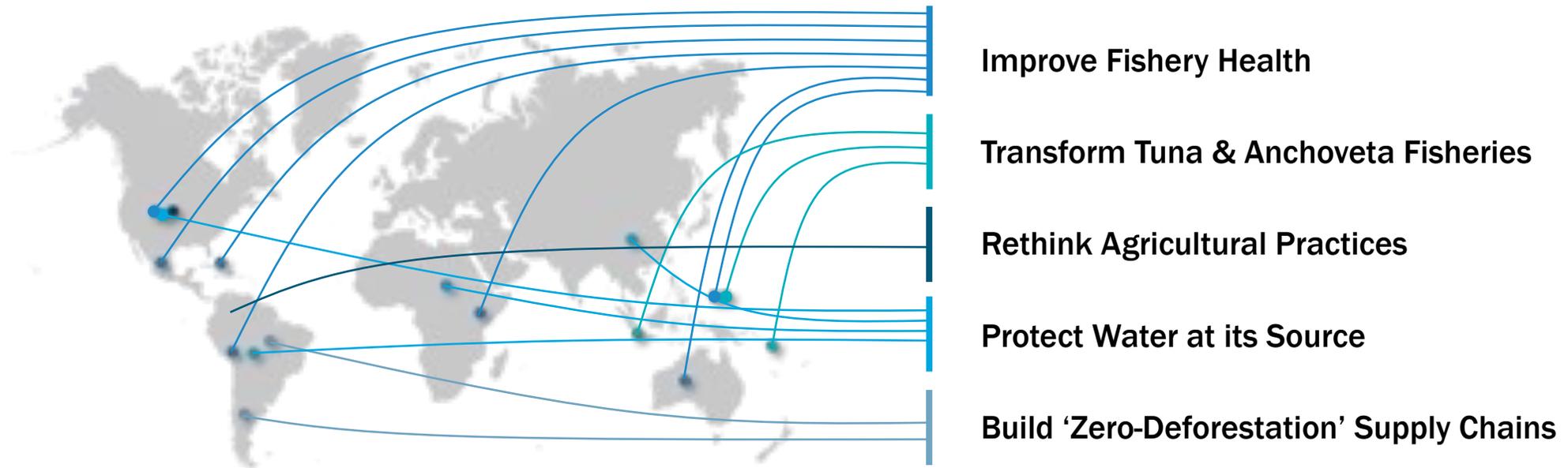
In Colombia's Magdalena River basin, TNC is ensuring that the priorities and concerns of all stakeholders are considered throughout planning and implementation to help avoid social conflicts, delays and cost overruns.



OUR PRIORITIES

Provide Food and Water Sustainably

Work with farmers, ranchers, fishers and water managers to create sustainable supplies of food and water, reduce negative environmental impacts and promote economic growth





Provide Food and Water Sustainably /

Build sustainable productive landscapes and 'Zero-Deforestation' Supply Chains

Brazilian and Colombian Cattle Ranchers

▶ The OPPORTUNITY

Increase revenue and production without further habitat loss by 2030.

▶ The IDEA

Through field work, we can demonstrate that production and conservation make smart business sense to encourage global shifts towards deforestation-free beef and soy supply chains.

▶ The PLACE

Along with SGRP (CIPAV, FEDEGAN, FA) in 7 regions of Colombia and In São Félix do Xingu, Brazil we are partnering with ranchers to implement sustainable practices possible to meet the growing demand for food while protecting the forest and savannas in the hotspot area of deforestation in Latin America.



Provide Food and Water Sustainably /
Protect Water at its Source working with smallholders.

Quito, Ecuador

▶ The **OPPORTUNITY**

Good land management upstream can improve the quality and quantity of urban water supplies.

▶ The **IDEA**

TNC is working with cities and water users to invest in sustainable activities, including forest protection and improved agricultural practices, to secure better water quality and improve community health and well-being.

▶ The **PLACE**

Improving the health of the lands around its water sources, has improved **Quito, Ecuador's** water quality and created benefits, such as improved agricultural productivity, for local communities.





Provide Food and Water Sustainably /
Transform marine and freshwater Fisheries

Pacific Fisheries

▶ The OPPORTUNITY

Regional governments are working toward **better management and monitoring solutions in longline Anchoveta fisheries and freshwater fisheries in the Magdalena River** to safeguard the global seafood supply.

The IDEA

- ▶ TNC is working with local partners in Peru to **help close the data gap by funding scientific research** on longline fishing practices and rolling out electronic monitoring technology to improve oversight.

▶ The PLACE

The waters of Peru Pacific coast produce 60% of the world's Anchoveta and Magdalena River has decrease its freshwater fisheries resources more than 60%. Our approach can help stabilize regional ecosystems, protect fisheries supplies and preserve local cultural traditions.