



International Center for Tropical Agriculture
Since 1967 / *Science to cultivate change*

SOILS

CIAT APR
JUNE 2015

Deborah Bossio

E-mail name here@cigar.org



International Year of Soils

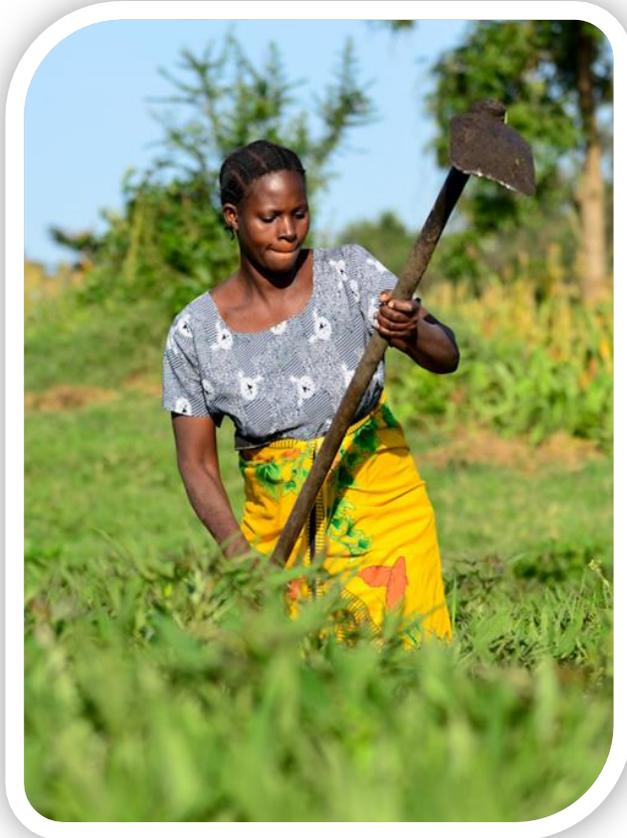
- The UN declared 2015 as International Year of Soils to raise awareness of the urgent need to protect the resource that feeds and waters us
- CIAT's global soils research team is working with partners to protect and restore this vital resource
- CIAT has the largest group of scientists dedicated to soil science in the CGIAR
- One key strength of CIAT's group is that we work with all CIAT research areas to deliver solutions to big challenges



2015
International
Year of Soils

CIAT Soils Research Area

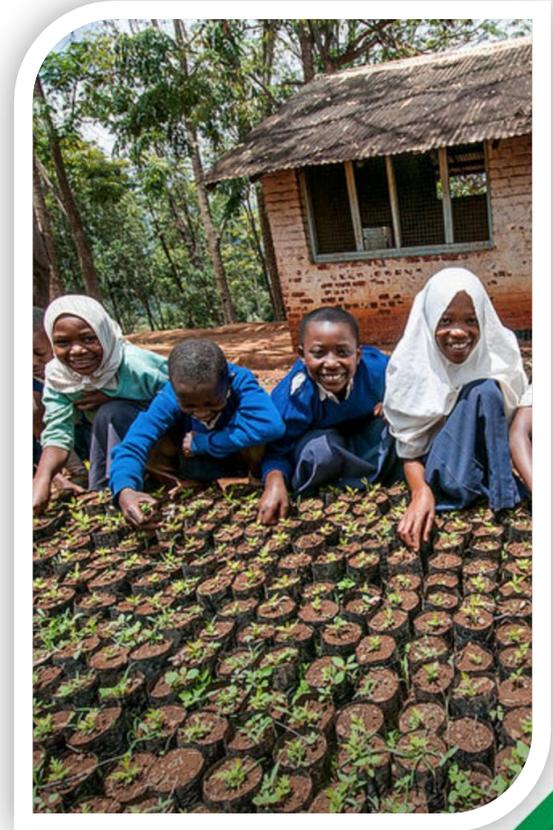
Sustaining Soil Fertility



Restoring Degraded Land



Soils and Climate Change

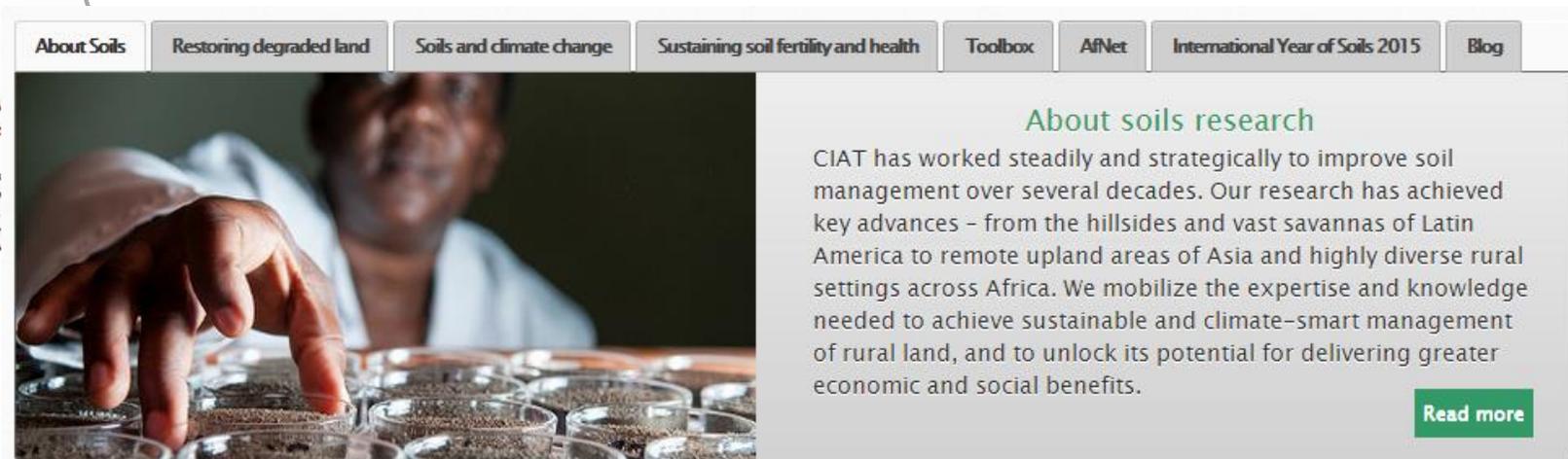




2015
International
Year of Soils

Fresh Face in Print and On-line

- Updated soils brief & Webpages
- Increased soils blog activity



Soils

Blogs posted

2014: Total: 13
2015: Jan – April: 10

Individual visitors

Jan – April: 555
Jan – April: 2,350

New Ways to Communicate our Messages



- New products – films & infographics
- Increased social media outreach





2015
International
Year of Soils



RESEARCH
PROGRAM ON
Water, Land and
Ecosystems

Launch of Nairobi Water Fund



Africa's first Water Fund to tackle rising threats to food security, water and energy su...

Every rainy season Jane Kabugi's home comes under attack. The torrential rain so desperately needed downstream to fuel Kenya's rising electricity demands - and Nairobi's water re

Total views	Total share	facebook	Twitter
506	180	40	104

40 108 1 184 86 2

Share Tweet Email ShareThis Like 8+1

Read more



#NairobiWaterFund

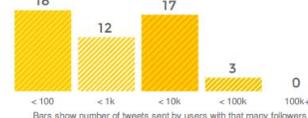
ESTIMATED REACH

110,842

ACCOUNTS REACHED

EXPOSURE

181,113 IMPRESSIONS



The East African



Reaching Farmers



2015
International
Year of Soils



RESEARCH
PROGRAM ON
Water, Land and
Ecosystems



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security



CCAFS





#TalkSoil



CIAT @CIAT_ Follow

#TalkSoil Q1: What are the challenges smallholder farmers are facing with their soils? #IYS2015
4:02 PM - 13 Apr 2015

← ↻ 1 ★

amsdol @amsdol Follow

#TalkSoil what do I do if my farm looks like this? The gullies get deeper every time it rains
4:05 PM - 13 Apr 2015

← ↻ ★ 1

Storify

As seen on ciat.cgiar.org

#TalkSoil tweet chat

The International Year of Soils 2015 is mobilising global interest in protecting soils but it is small scale farmers who suffer the effects of land degradation and poor soil health the most. On 13 April 2015, CIAT and Shamba Shape Up teamed up to #TalkSoil and "help farmers build healthier soils".

by Stephanie Malyon 14 days ago 148 Views

Focus today: Land and Soil Restoration

- Why?: Grand Challenge of the CGIAR with a target of restoring 190M ha of land by 2030
- Goal: to articulate a unified agenda for CIAT that includes strength of all Research Areas

invitation
to join the
SOIL FAIR

... Earth is a ticking time bomb

In the last 25 years, 1/4 of the global land area has suffered a decline in productivity and in the ability to provide eco-systems services because of soil carbon losses.

5 December is #WorldSoilDay

2015 is International Year of Soils #IYS2015

Existen alrededor de 200 millones de hectáreas de tierras degradadas en América Latina. La mitad de ellas dedicadas al pastoreo.

5 de diciembre es #DiaMundialDelSuelo

2015 es el Año Internacional de los Suelos #IYS2015

Land degradation affects 67% of Africa.

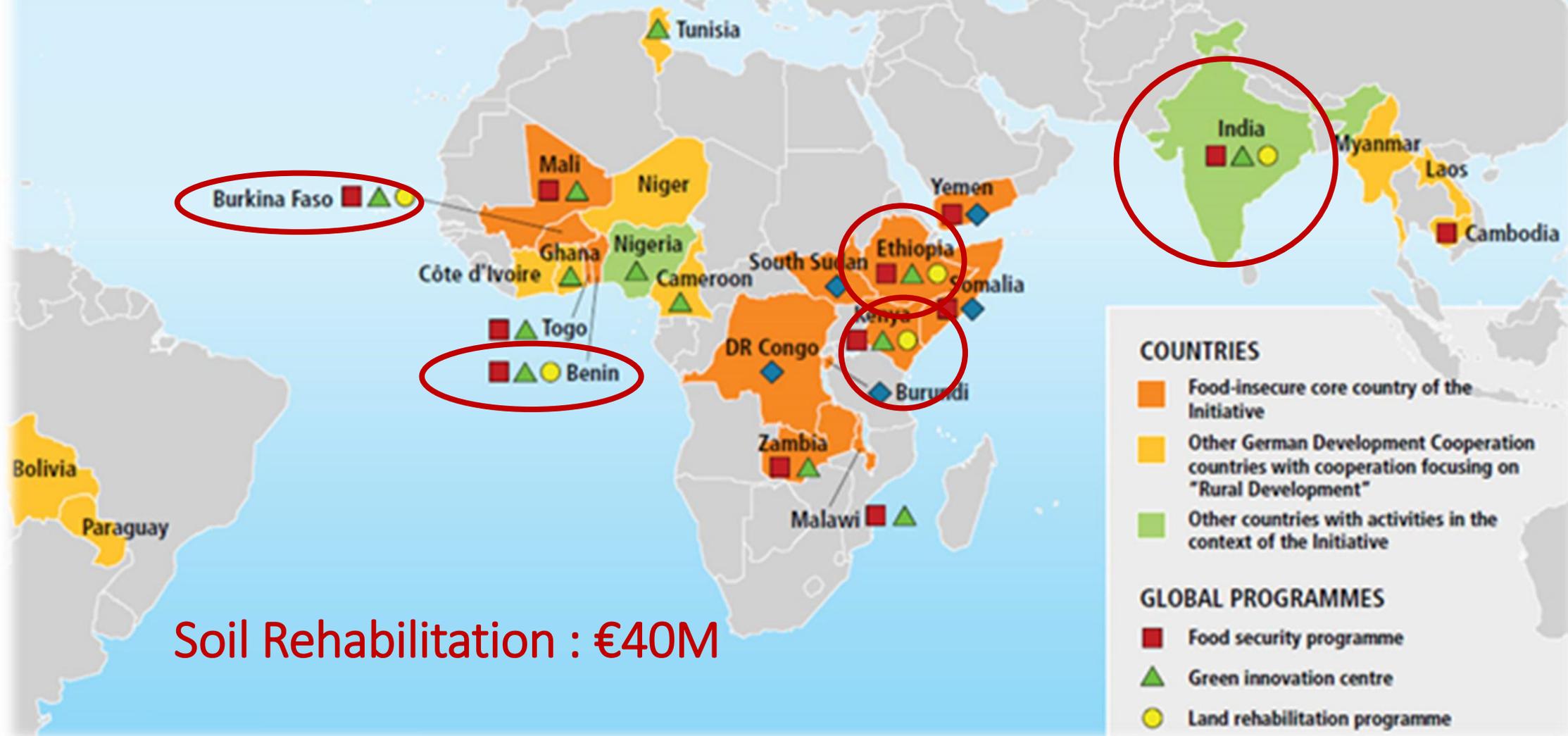
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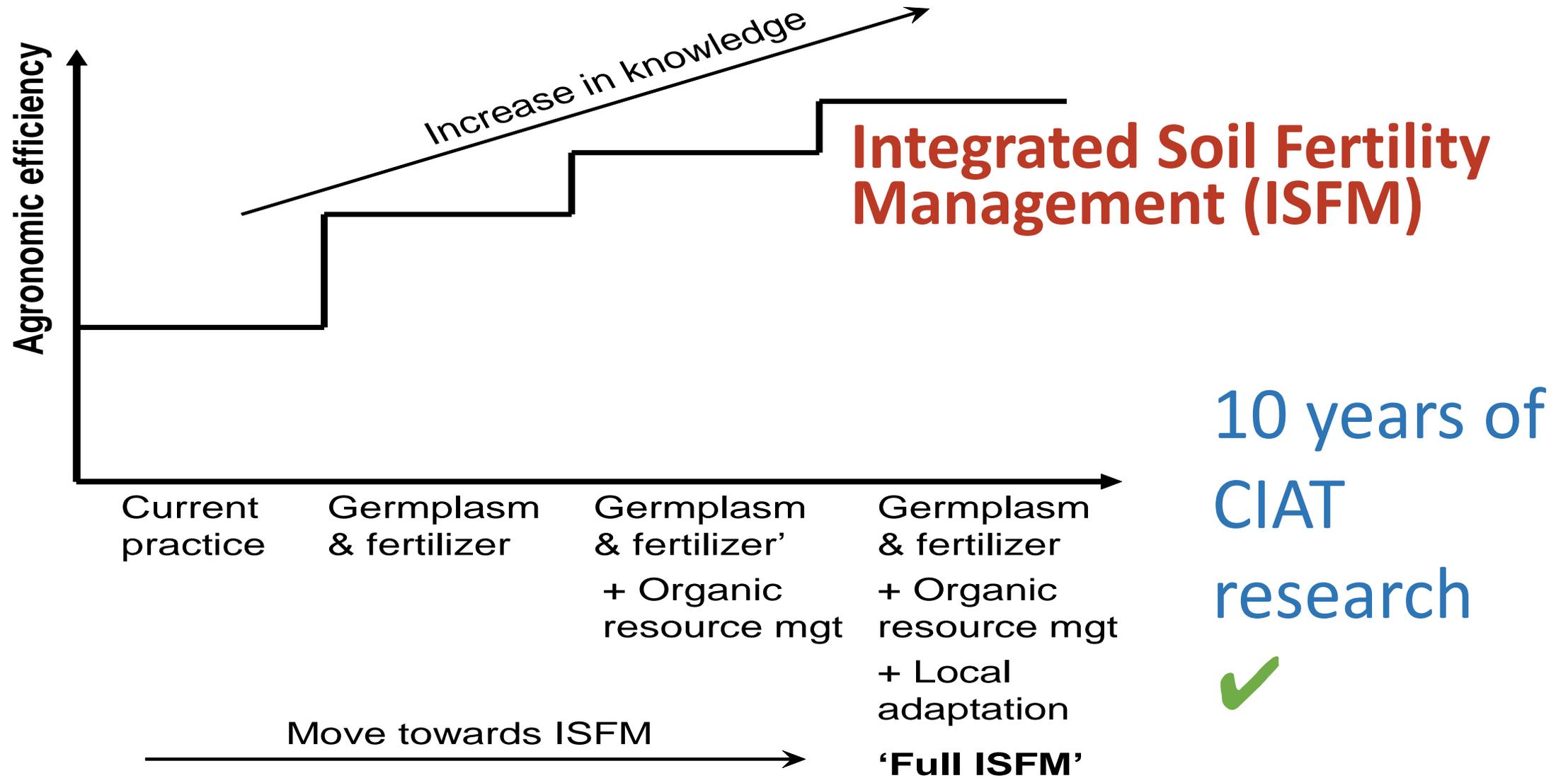
Introducing wide scale sustainable land management practices will help reverse this.

„One World – No Hunger“ Initiative: Core Countries

Special Initiative of the German Government



Soil Rehabilitation in Africa



Proposition:

“We have ISFM, no need for more CIAT research to restore degraded soils”

Do you agree or disagree?

Why?

Is CIAT indispensable or not?

A COUNTRY-LED PARTNERSHIP TO RESTORE 20 MILLION HECTARES

Latin American and Caribbean governments, regional programs, private sector impact investors, the World Resources Institute (WRI), the International Center for Tropical Agriculture (CIAT), the Tropical Agricultural Research and Higher Education Center (CATIE) and the International Union for the Conservation of Nature (IUCN) have come together to form Initiative 20x20.

The goal of 20 million hectares (mha) has been reached, with US\$365 million earmarked to finance projects on the ground.



Initiative 20x20

Bringing **20 million** hectares of degraded land in Latin America & the Caribbean into restoration by **2020**



DEGRADED LANDSCAPES CAN BE RESTORED

As the amount of degraded land grows, so does the need to restore it to economic, social and environmental productivity. Restored natural forest, agroforestry, silvopasture and sustainable agriculture will bring substantial economic and social benefits, as well as biodiversity and rural livelihoods at a local, regional and even global scale.



RESTORE TO MOSAIC LANDSCAPE

Establish and manage trees on active agricultural land, either through sustainable agroforestry or silvopasture, to improve crop productivity, provide feed for animals, increase soil fertility, or enhance water retention. This type of land management often greatly increases rural household incomes and improves food security.

RESTORE TO FORESTS AND WILDLIFE

Restore and rewild degraded land. Restored forests will improve water quality, help bring back biodiversity, and can provide income for rural households.

20by20

Colombia

Pledged to Restore

1M ha

WRI

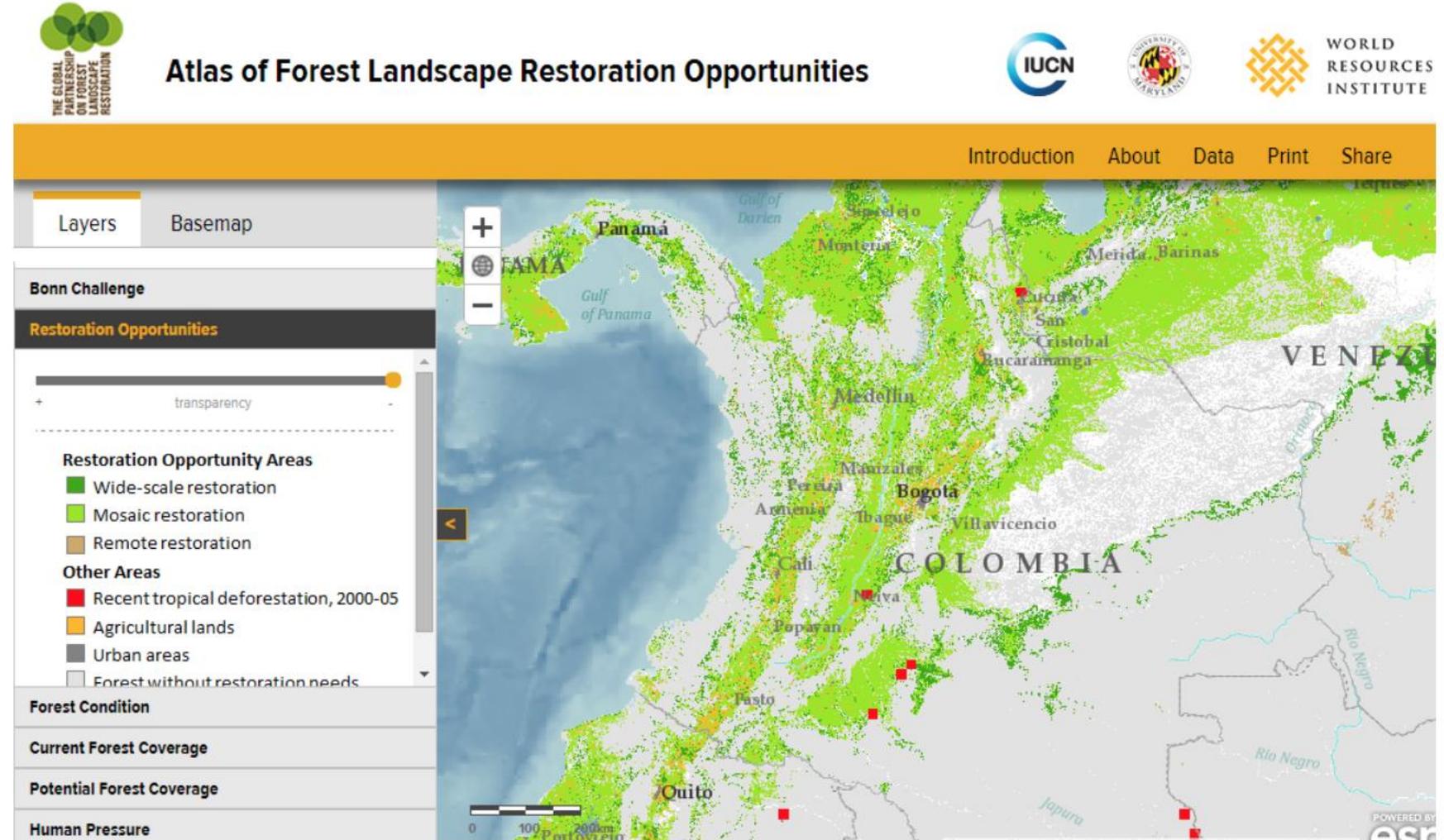
Political buy-in ✓

Investor matching ✓

Mapping ✓

Business Cases ✓

Colombia



Proposition:

**“CIAT research is not necessary for success of the
20by20 Initiative”**

Do you agree or disagree?

Why?

Is CIAT indispensable or not?