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Initiative 20x20

An opportunity for cooperation with NASA?

A country-led effort to initiate restoration of 20 Mha in Latin America by 2020

Presentation to NASA

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Background by the numbers

37 Mha of forests and grasslands converted to agriculture in LAC since 2000

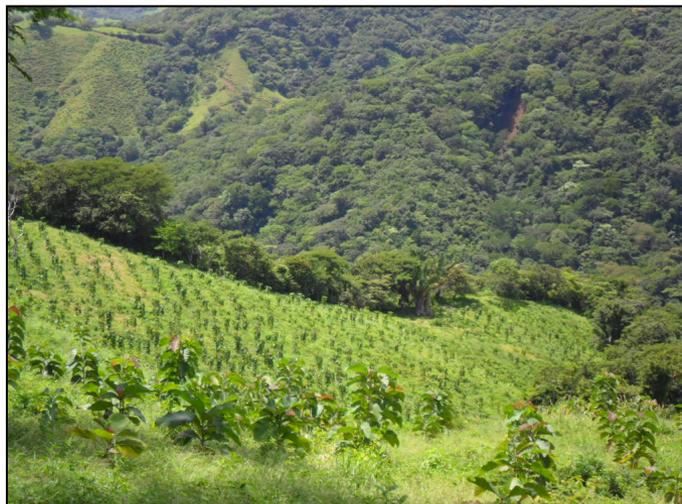
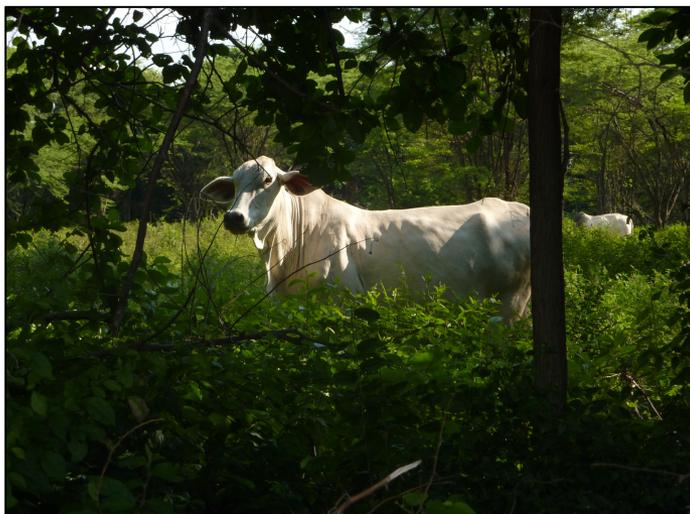
58% of annual GHG emissions in LAC from land use and land use change

50% of non large urban area employment in LAC tied to agriculture and forestry

13% of global food and fiber trade from LAC

350 Mha of lost or degraded forest landscapes

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Why restore?

- ✓ Improve rural livelihoods
- ✓ Increase ability to meet food, feed, and fiber needs
- ✓ Restore ecosystem services
- ✓ Help mitigate and adapt to climate change

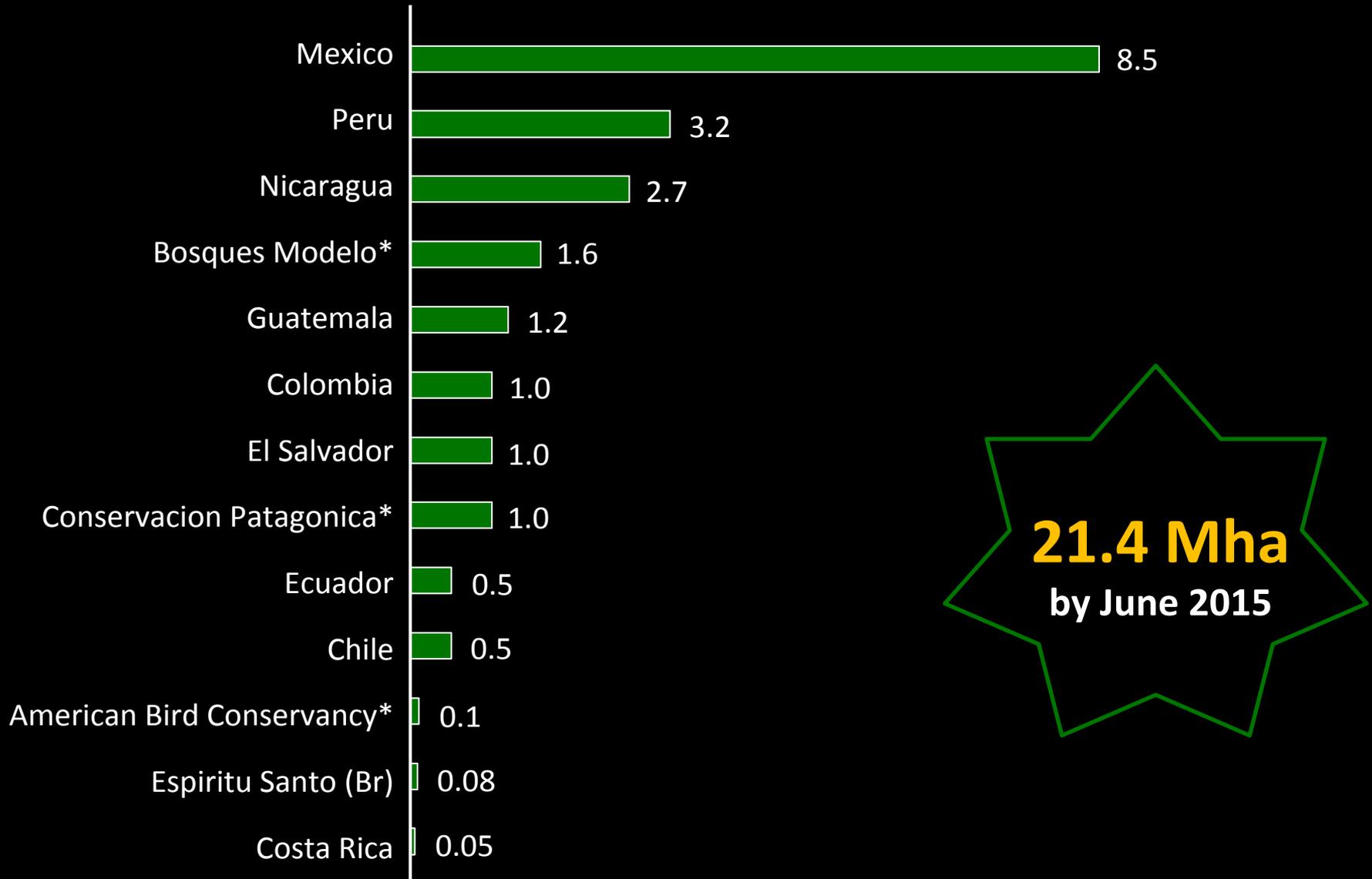
Initiative 20x20 activities

1. Motivate political commitments
2. Provide technical support for implementation
3. Develop financial architecture and secure financing



1. Initiative 20x20 commitments to date

Mha



* Regional programs

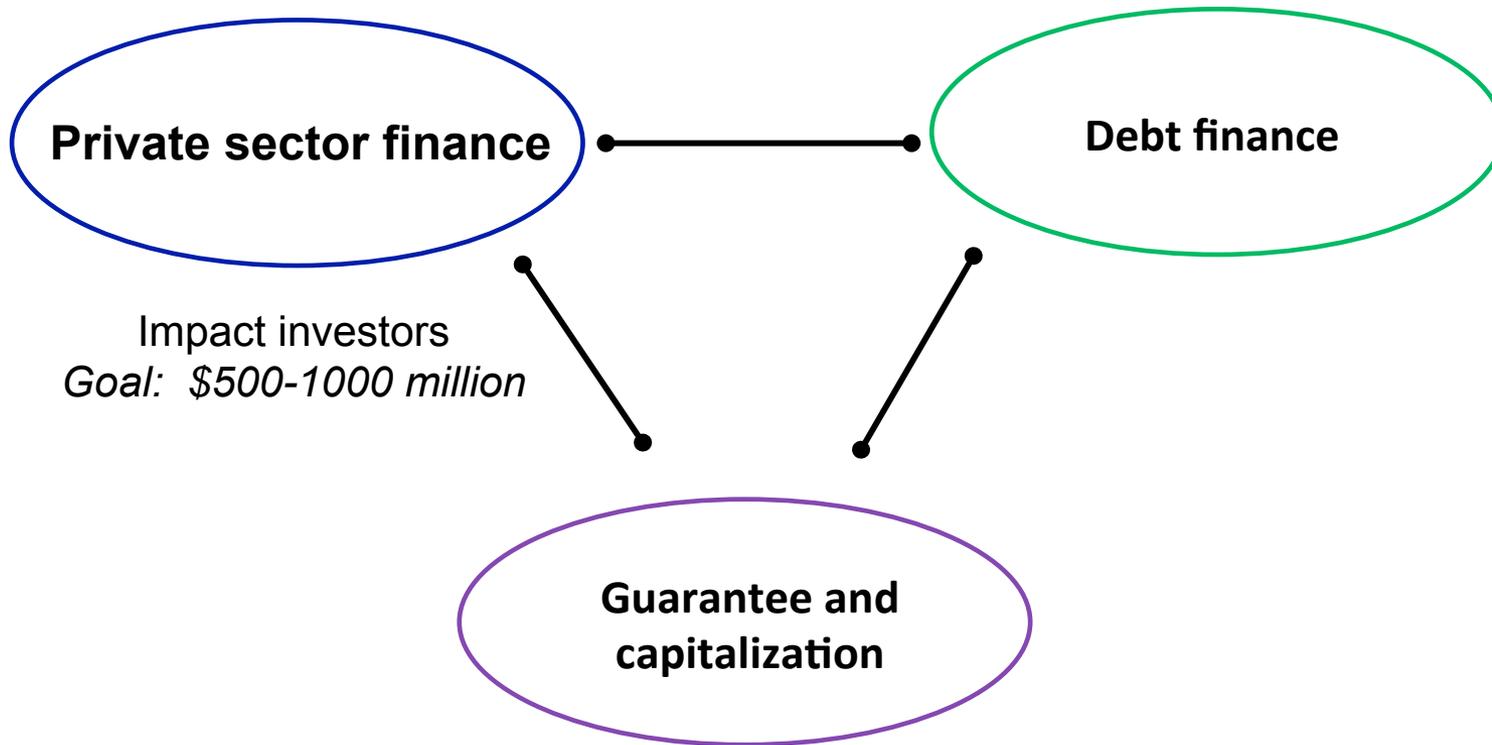
2. Initiative 20x20 partners delivering technical assistance



KEY THEMES FOR TECHNICAL ASSISTANCE

- Measuring the current situation of forests and grasslands at a project level (1 km²)
- Monitoring techniques of the revegetation process (remote, ground + modeling)
- Ensuring germ-plasm supply
- Restoration technologies
- Identification of candidates for restoration

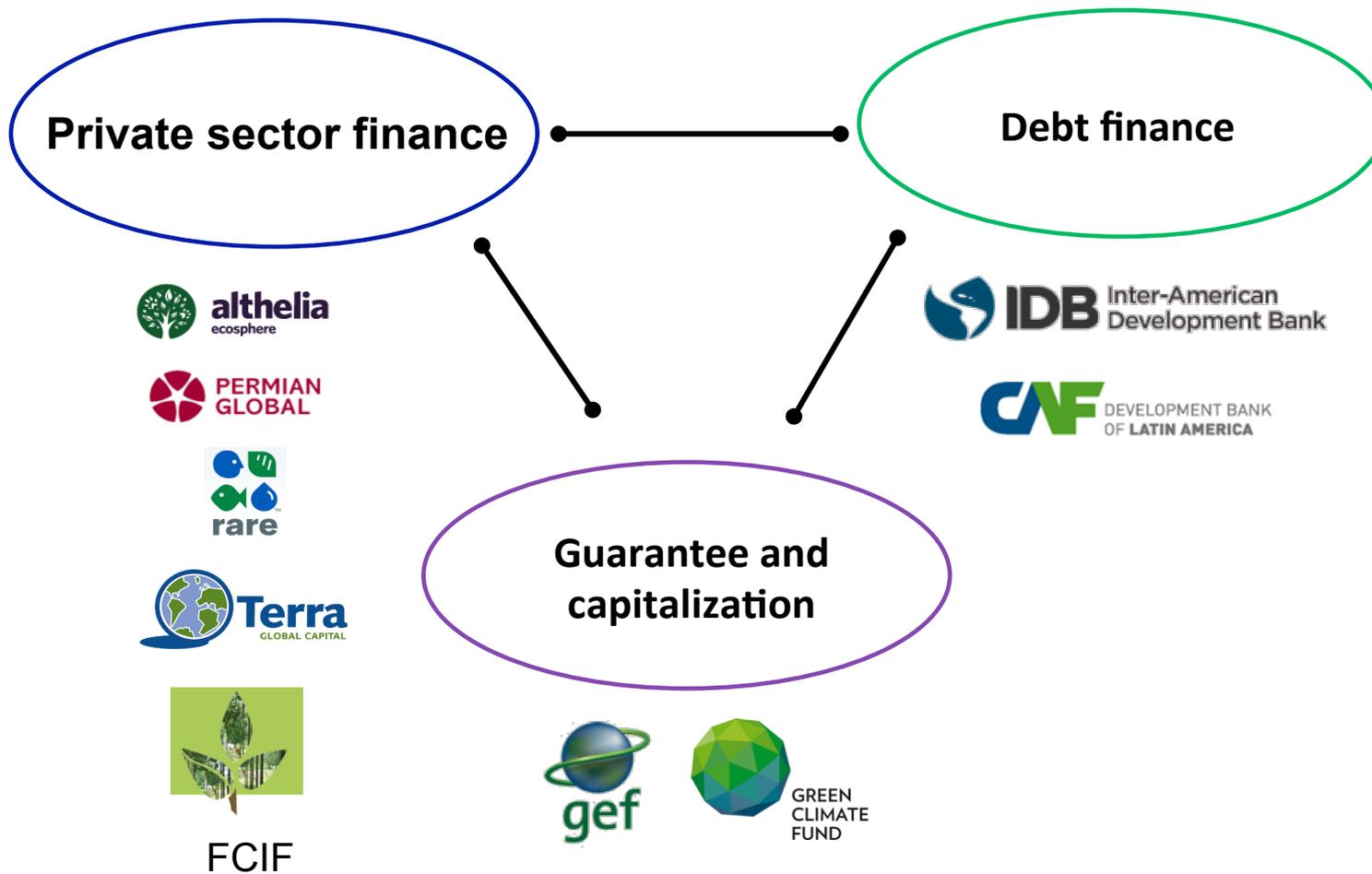
3. Develop financial architecture (proposed)



Impact investors
Goal: \$500-1000 million

Guarantee instrument to mitigate investment risks
Capitalization fund to inject funds in private impact investors
Goal: Coverage for \$1 billion in investments

3. Secure financing



To date: \$380 million



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