

FREE RIDING

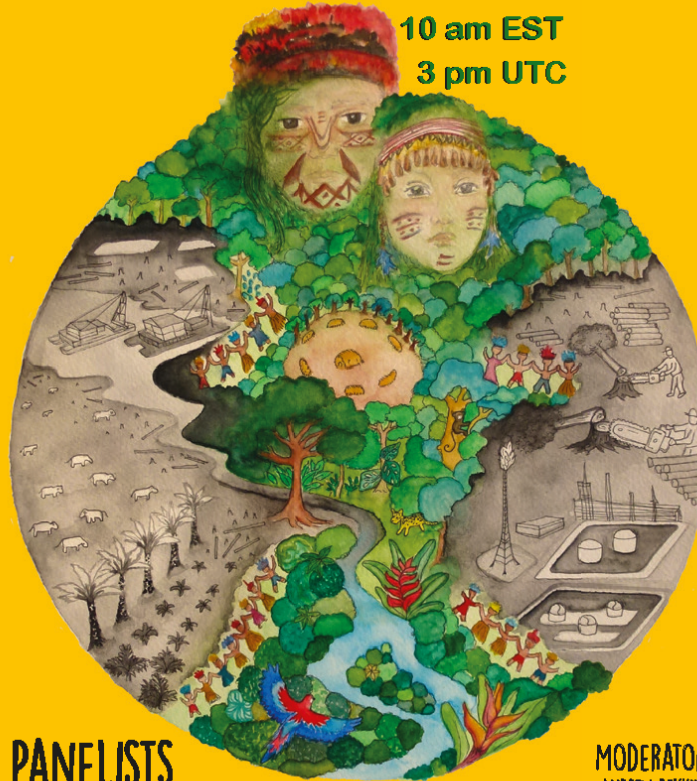
AND THE EXCLUSION OF INDIGENOUS TERRITORIES FROM REDD+ IN THE AMAZON

THURSDAY, HUMAN RIGHTS DAY

December 10th - 7 am PST

10 am EST

3 pm UTC



PANELISTS

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Innovation and Impact



**FOREST
TRENDS**

Communities and
Territorial Governance
Initiative

REGISTRATION: https://us02web.zoom.us/webinar/register/WN_950nyzB1RfSx9JA3Z0Q_AQ



Indigenous peoples own 240 million hectares (ha) of forests in the Amazon

Deforestation rate 0.8% in indigenous lands

Prevent greenhouse gas emissions; estimate 42 gigatons of carbon dioxide equivalent

Free riding and the exclusion of Indigenous territories from REDD+ in the Amazon

2007 COP11 - Bali Road Map, REDD starts

2010 COP 16 - CANCUN REDD Safeguards

UN Declaration on the Rights of Indigenous Peoples (IP)

Respect for the knowledge and rights of IP

Full and effective participation of IP

The need for sustainable livelihoods for IP

YET by 2016 ... Out of US \$1.2 billion in REDD+ commitments only US \$378 million disbursed to governments without significant direct benefits to IP (The Geography of REDD+ Finance, Forest Trends)

REDD ADDITIONALITY Excludes IP territories with Minimal Deforestation !

Amazon Deforestation 2007-2018 (RAISG, INPE)

32 Million Ha Amazon Region or size Germany

9.9 Million Ha in Brazilian Amazon (2007-19)

1.1 Million Ha in Brazilian Amazon in 2020 !!! (INPE)



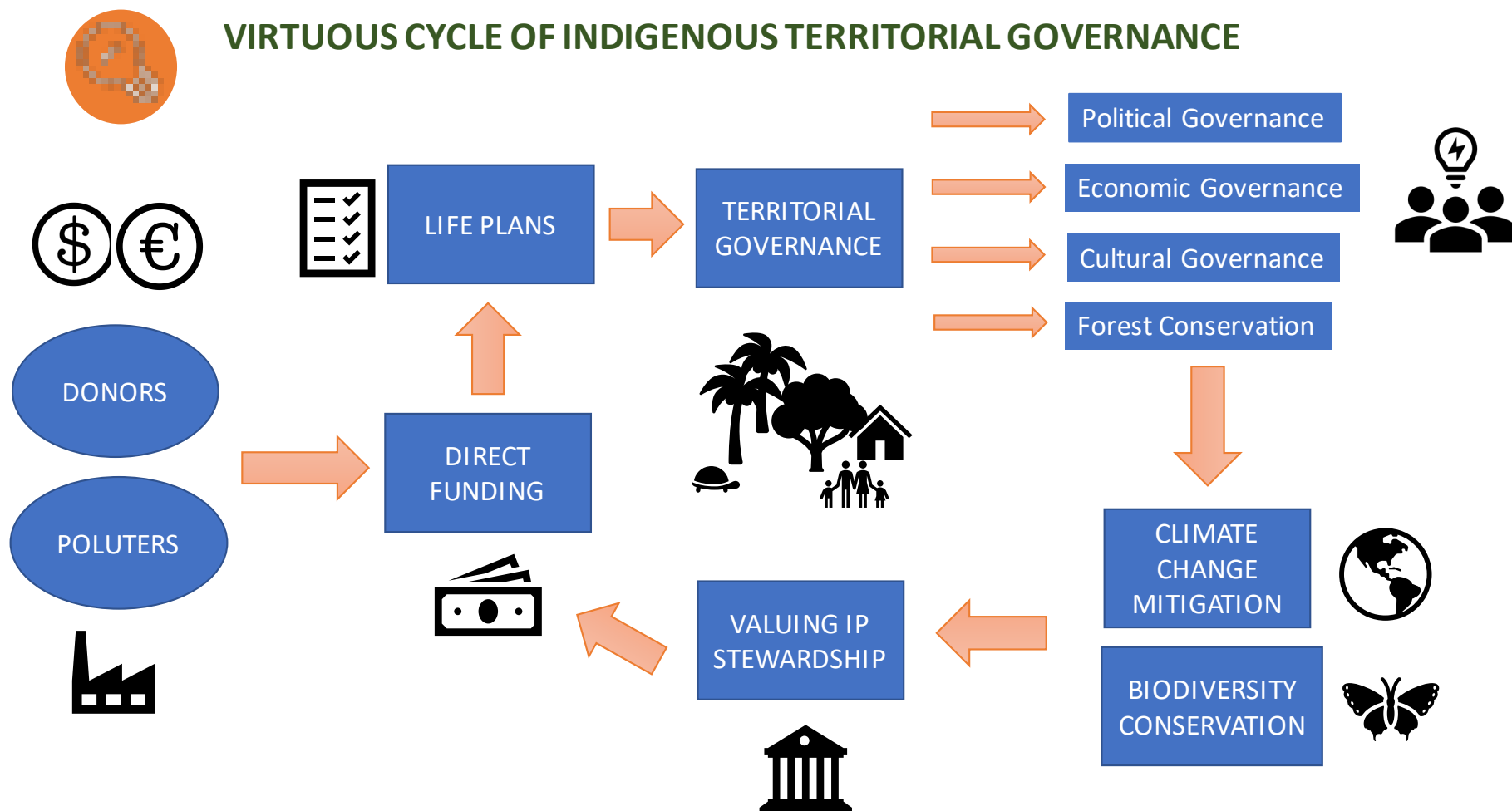
BETO BORGES
Communities & Territorial
Governance Initiative



**F O R E S T
T R E N D S**



New mechanisms are needed to fund the virtuous cycle of indigenous territorial governance !!



Strong Governance = Secured Rights !

We already knew

that Amazon mature forests, of the kind which make up most indigenous peoples' territories, are

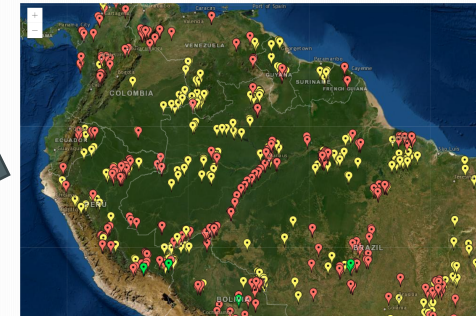
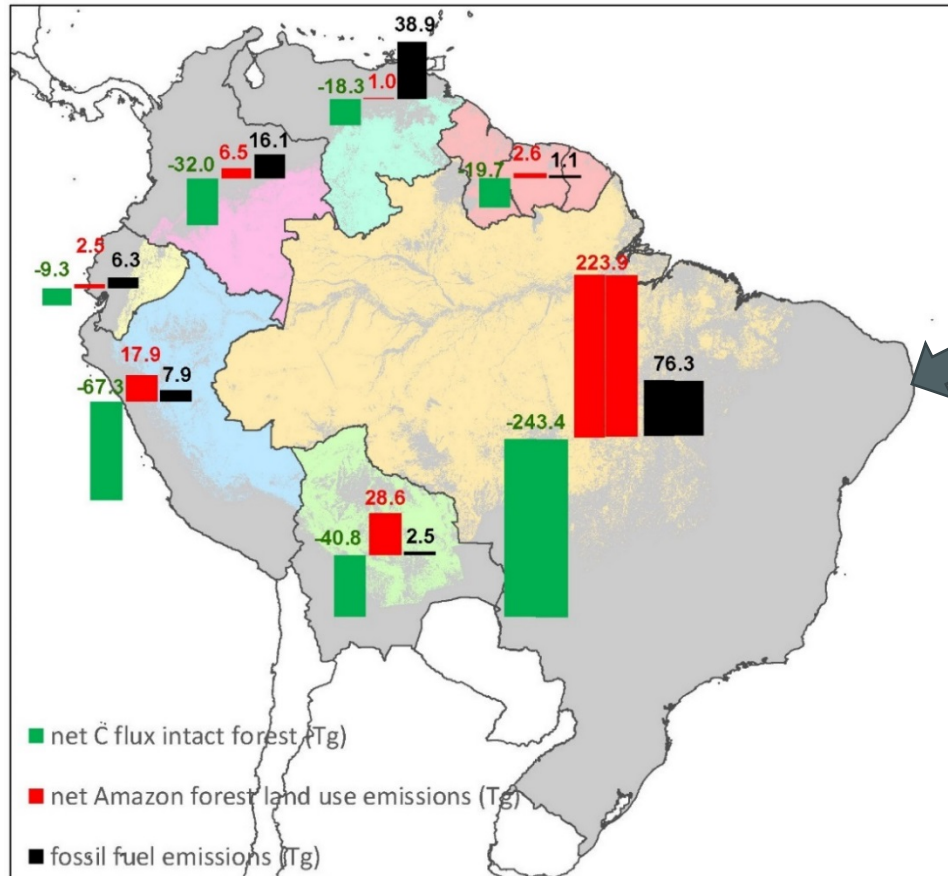
- *extraordinarily rich in biodiversity
- *and carbon,
- *regulate river flow
- *and the global climate,
- *AND supply vast amounts of water and cooling services to the agricultural and industrial economies of South America



But we *also discovered*,

in most Amazon nations a forest carbon sink, as large as the *combined emissions from fossil fuels and net land use change*.

Protecting mature forests SHOULD contribute to NDCs, NAMAs, SDGs



Results from long-term plots in the RAINFOR network in all Amazon countries (annual rates 1980 to 2010).

from: Phillips O and Brien R 2017. Carbon uptake by mature Amazon forests has mitigated Amazon nations' carbon emissions. *Carbon Balance and Management*, 12, p.1.

more than 300 million tonnes of carbon into *mature forest*, each year

Measuring forest change tree-by-tree...



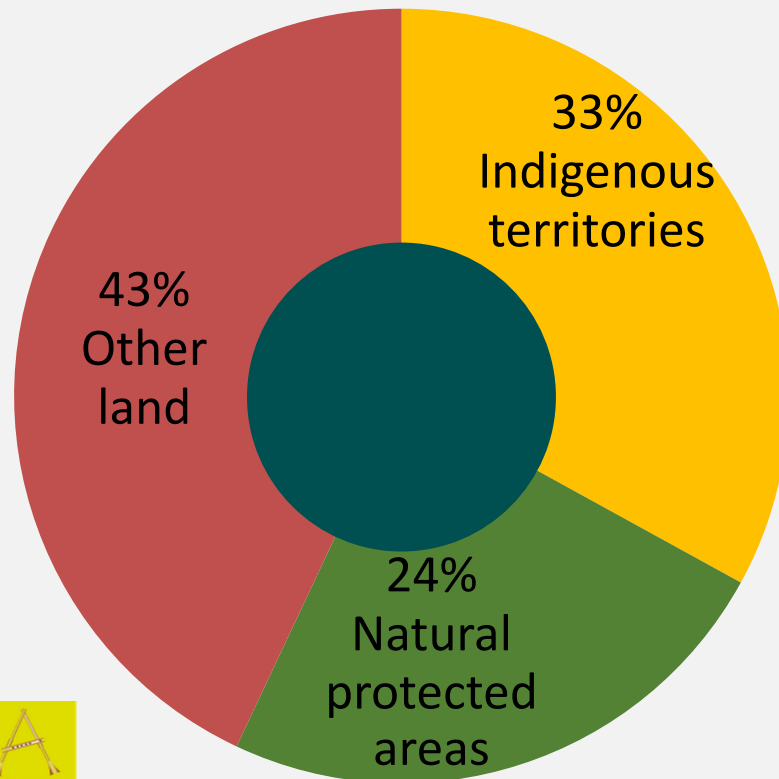
Colombia

Photos: Esteban Alvarez

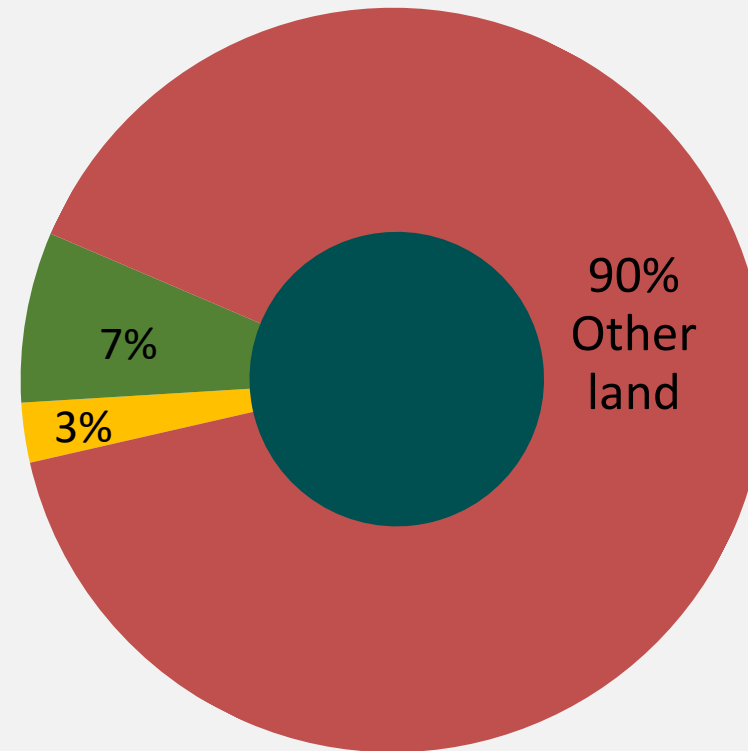
*...requires precise measurement, skill, and courage.
And is impossible from space.*

Amazon aboveground carbon stock and carbon net loss

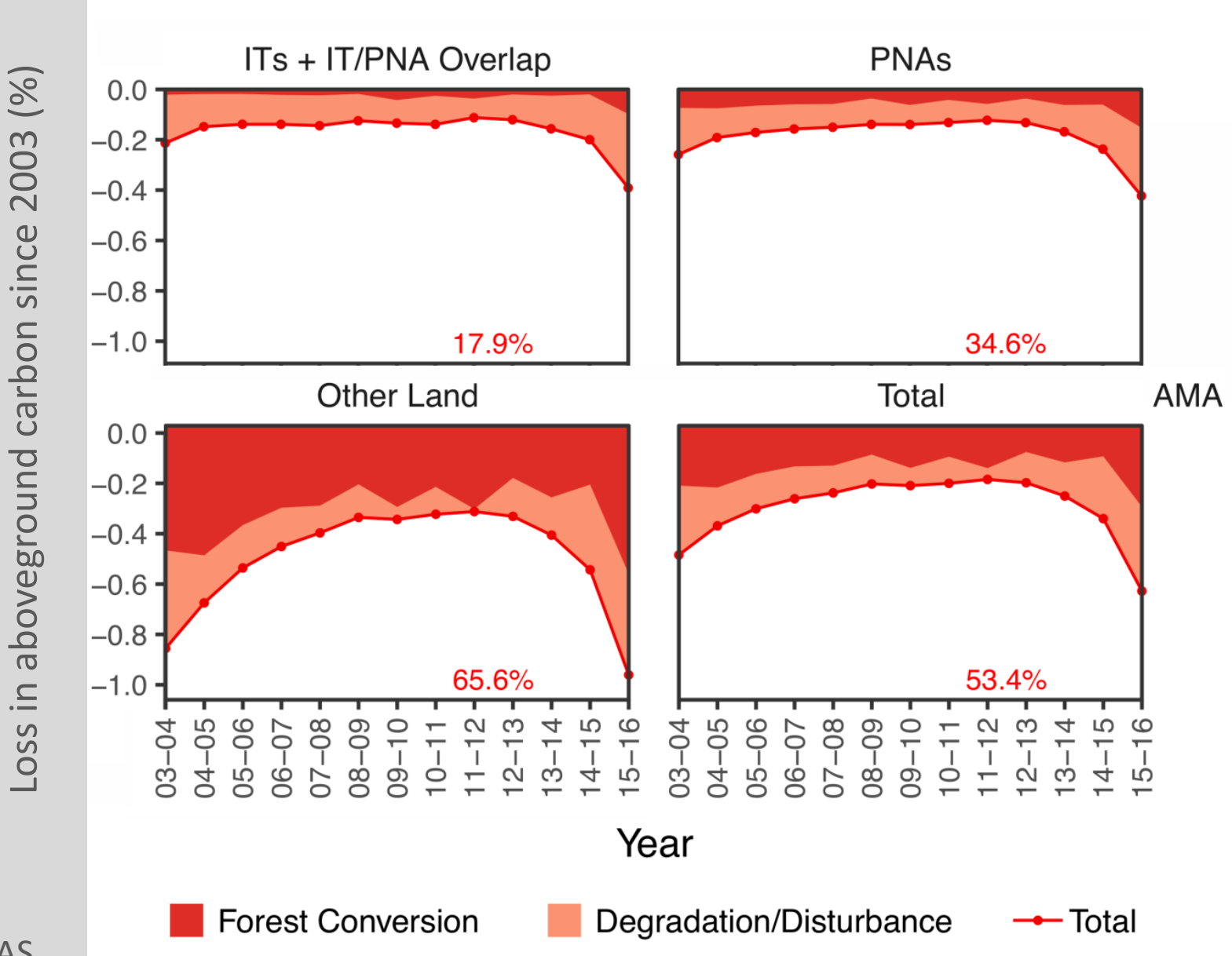
AGC stocks 2003



Distribution of the net losses in AGC stocks 2003-2016

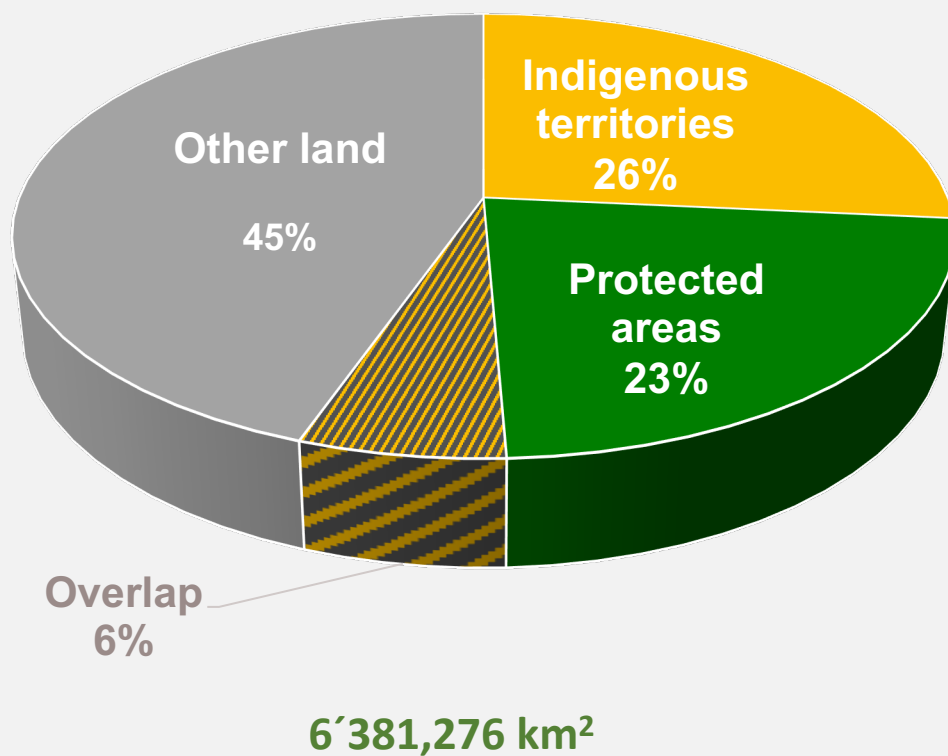


Deforestation vs. Degradation loss

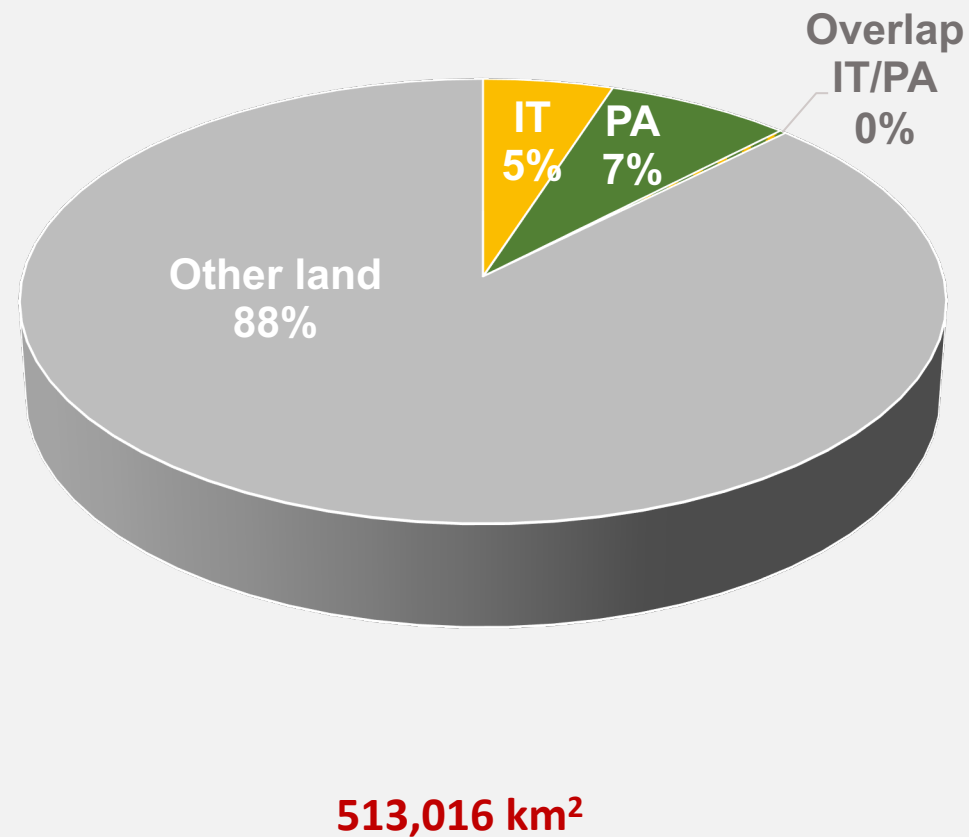


Amazon forest loss in 18 years

Forest cover on 2000

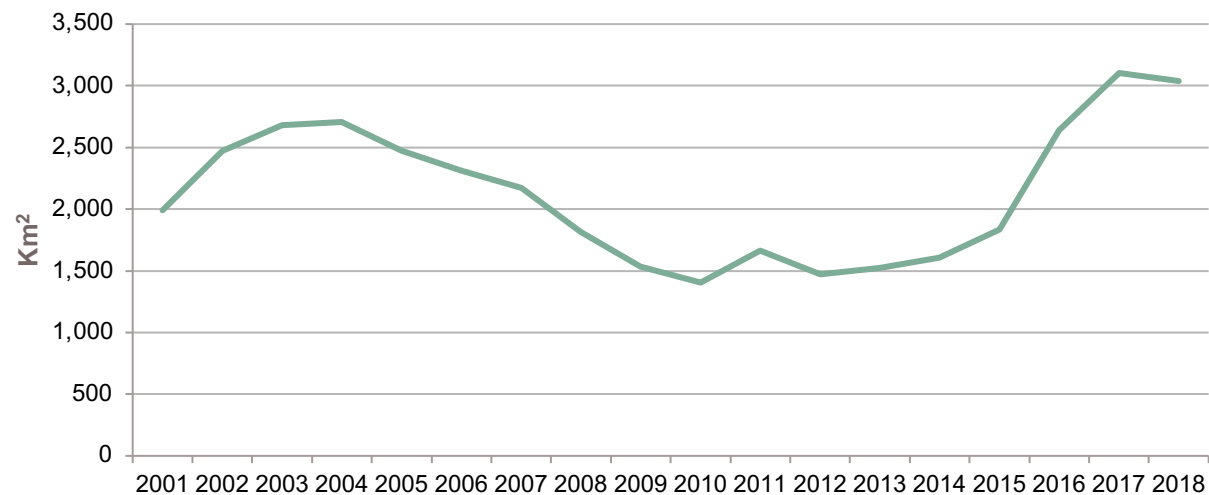


Deforestation 2000 - 2018



Deforestación en ANP y TI

Deforestación en ANP Amazonia



Deforestación en TI Amazonia

