

**natureDAO**

A nature-based solution for offsetting  
your environmental footprint

OUR MISSION

What if NatureDAO can make  
forest conservation profitable?



## THE CHALLENGE

# Deforestation is a problem accelerated by a market failure



11-17% of the Amazon has already been cut down for logging, or burned to open land for cattle raising and agriculture.



The rate of global tree cover loss has doubled since 2001, to an annual loss of the size of Italy.



The only available options to monetize the forest are the economic activities that result in deforestation

Today's short term economic incentives are leading towards a market failure resulting in deforestation and often suboptimal cattle farming or agriculture.

# The size of the problem

Amazon size  
6.7 million km<sup>2</sup>



Congo basin size  
2 million km<sup>2</sup>



Co<sub>2</sub>

STORED CARBON  
Amazon:  
123 billion tonnes

Congo basin:  
46 billion tonnes



DEFORESTATION SINCE 2004  
Amazon:  
260,000 km<sup>2</sup> (approx size  
of New Zealand)

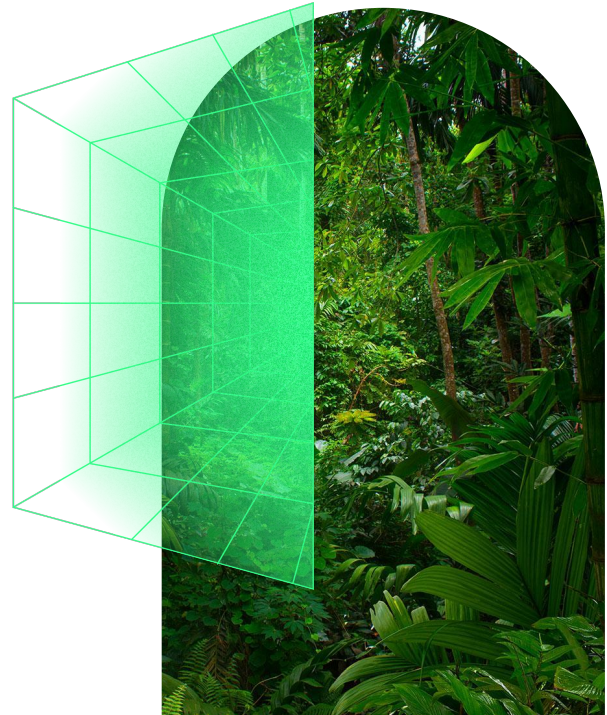
Congo basin:  
32,000 km<sup>2</sup> (approx  
size of Taiwan)

## OUR VISION

NatureDAO wants to put nature's value at the heart of economics

# A new approach to forest conservation

We are a web3, nature-based solution for offsetting your environmental footprint and keeping native forests intact. NatureDAO helps landowners and indigenous communities to monetize the assets of natural forests with sustainable revenue streams while maintaining and expanding nature protection around the world.



The background features a stylized illustration of a tropical landscape. At the top, there are dark, jagged mountain silhouettes against a light sky. Below the mountains is a dense layer of palm trees and other tropical foliage. The bottom portion of the image is a solid dark green color, which serves as the background for the text.

## OUR IMPACT

To contribute in developing a nature-based mindset to transform people, organisations and markets

# NatureDAO brings a set of tools to find near-term economic rewards for protecting nature



Measure and assist in participation in carbon markets for sequestration and bound carbon



Measure and value ecosystem services, i.e. water purification and retention supporting local economy



Finance reforestation activities (purchase of land) and reward the carbon sequestration



Sustainable agroforestry e.g. medicinal plants, nuts and honey



Document, value and protect the existing biodiversity



Small scale eco-tourism





# NatureDAO explained: How it works



NatureDAO signs up landowners of primary forest under threat and in need of sustainable revenue.



We preview the available areas of forest owned and protected by landowners and users can easily pick the areas they want to sponsor.



Receive a traceable digital certificate, directly linked to the hectare of forest chosen containing relevant information, e.g. carbon stored & sequestered, coordinates, key species etc.



Using detailed satellite imagery of the world's forests (1m resolution) we can verify in real time the state of the forest you are protecting and allow monthly pay-outs to the landowners.



# Digital Certificate explained

A sponsor selects the parcels they want to sponsor, each parcel being equivalent to 1 Ha and represented by its unique Digital Certificate. Each certificate contains satellite imagery of the area, a unique name, artistic representation of the local biodiversity, and the following data:

1. Forest type
2. Exact coordinates of the Ha
3. Duration of the stewardship
4. Who the landowner is
5. Carbon being stored in the area
6. Key species of the area

The sponsor is free to trade, sell or hold on to the digital certificate as a proof of sponsorship. It gives the holder absolutely no right of ownership of the land itself.



# Digital certificate for each hectare

The interface features a dark green background with a grid of hexagonal plots. A search bar at the top left contains the text "Search land". A vertical sidebar on the left includes a plus sign, a book icon, and other navigation symbols. At the bottom left, there are buttons for "Select View" and "01/04/2022". A callout box on the right provides the following information:

**Jaguarete´i ypykuéra**

**STEWARD**  
FCBC.org.bo

**LOCATION**  
///seesawing.displaces.replays

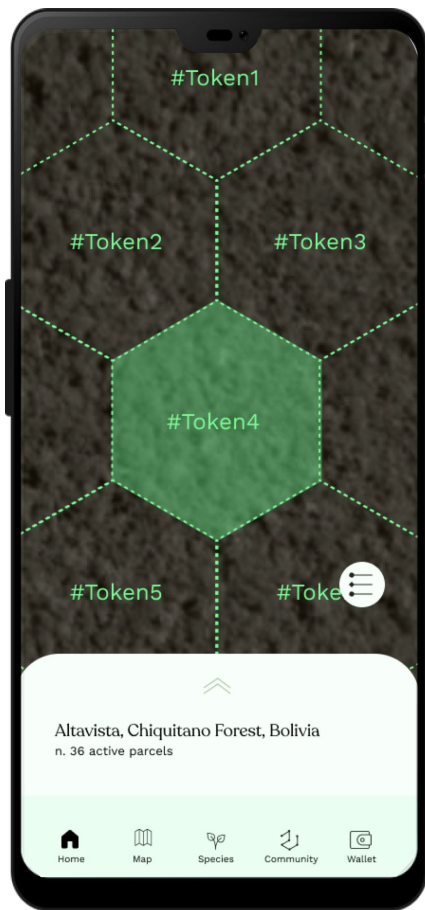
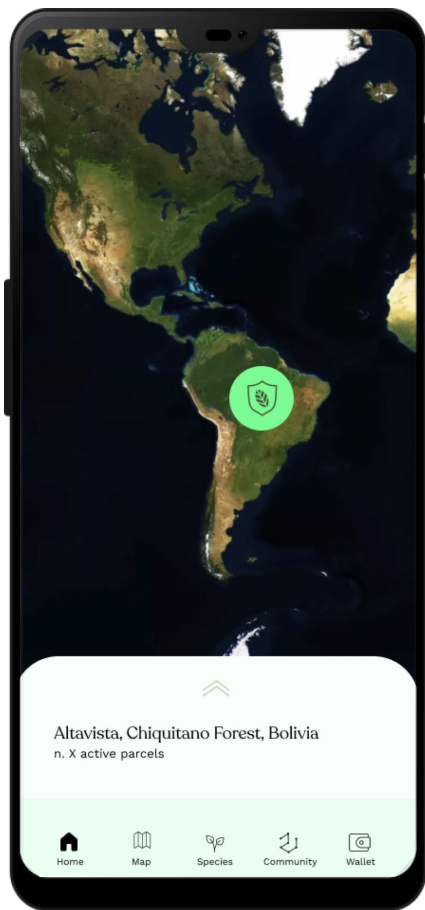
**CO2 STORED**  
~106 tonnes

**FOREST PROTECTED UNTIL**  
01/01/2028

**KEY SPECIES**  
Jaguar, Silk Floss, Wild Pig

**FOREST TYPE**  
Dry Tropical woodland

A QR code is located below the text. To the right of the callout box is a stylized green jaguar head graphic.



## THE BENEFITS



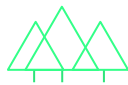
### **Ecosystem wide impact**

Ensuring the conservation of forest, we would be protecting the habitat of many species, positively impacting global biodiversity. We would also help preventing drought, aridification, and other climate disasters



### **Achieve your climate goals**

A verifiable, transparent solution that saves real, existing forests from unplanned deforestations. Partner with NatureDAO to offset your environmental footprint as part of your emission reduction plan.



### **Monitor your impact**

A direct, accountable alternative to non-verifiable projects. Easily monitor the forest and validate the state of the hectares sponsored in the most accurate and rigorous way using high resolution satellite imagery.



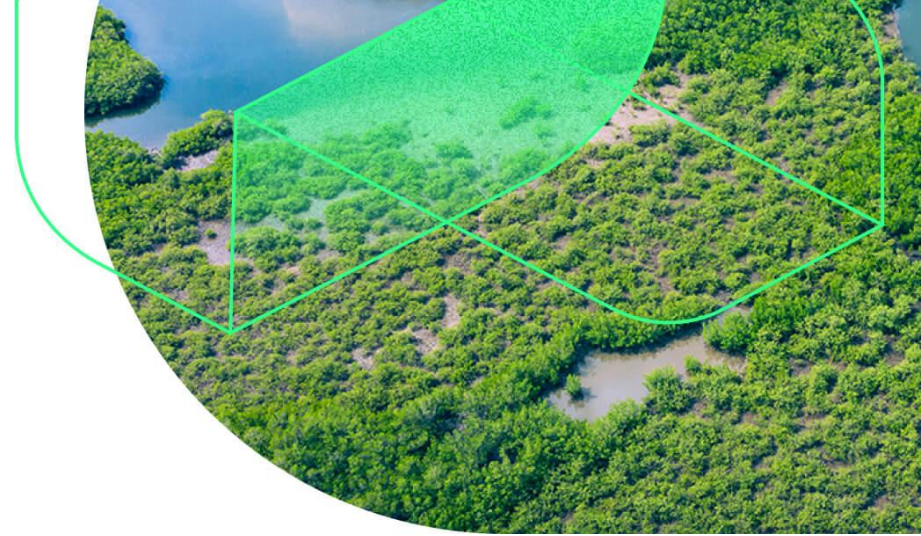
### **Owe nature nothing**

A permanent, long-term offset solution that goes beyond CO2 emission reduction. By sponsoring the conservation of native forests, you are protecting the habitat of endangered species, positively impacting global biodiversity.





## WHAT MAKES NATUREDAO DIFFERENT



An alternative to costly, geographically limited and non transparent carbon markets that may lead to creative accounting and erosion of trust.



A focus on making sure primary forests remain intact as opposed to planting new forests, essential for the conservation nature's value

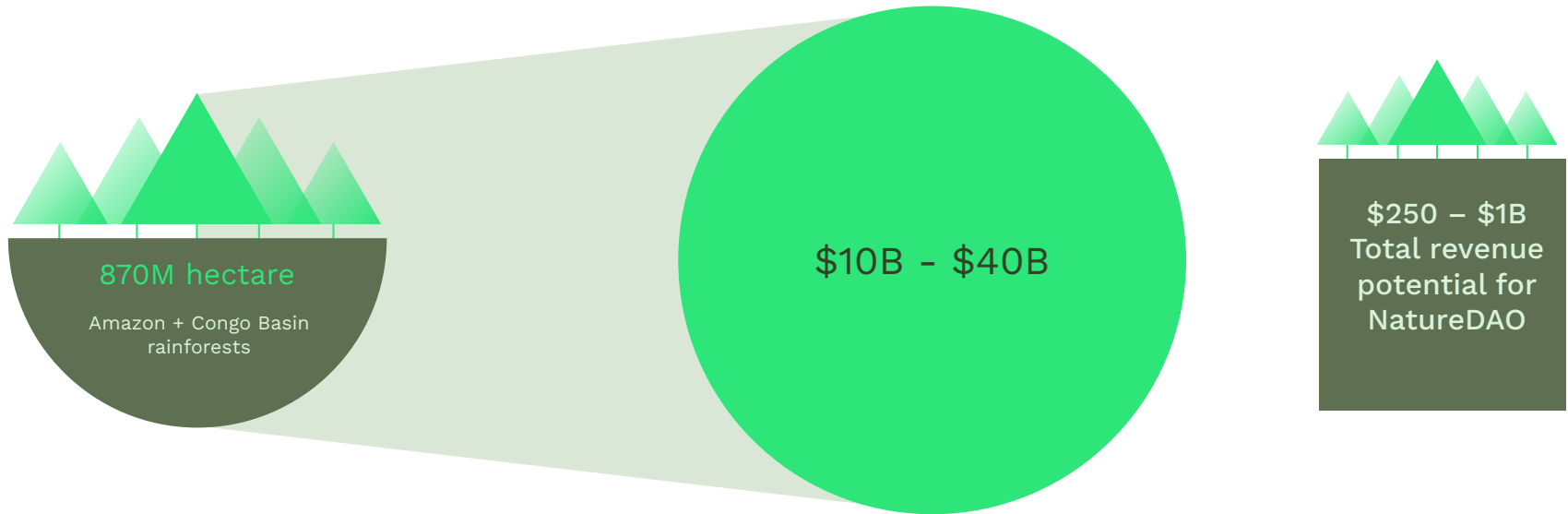


NatureDAO gives each individual the opportunity to have a direct, tangible and verifiable impact on the future of the forest.

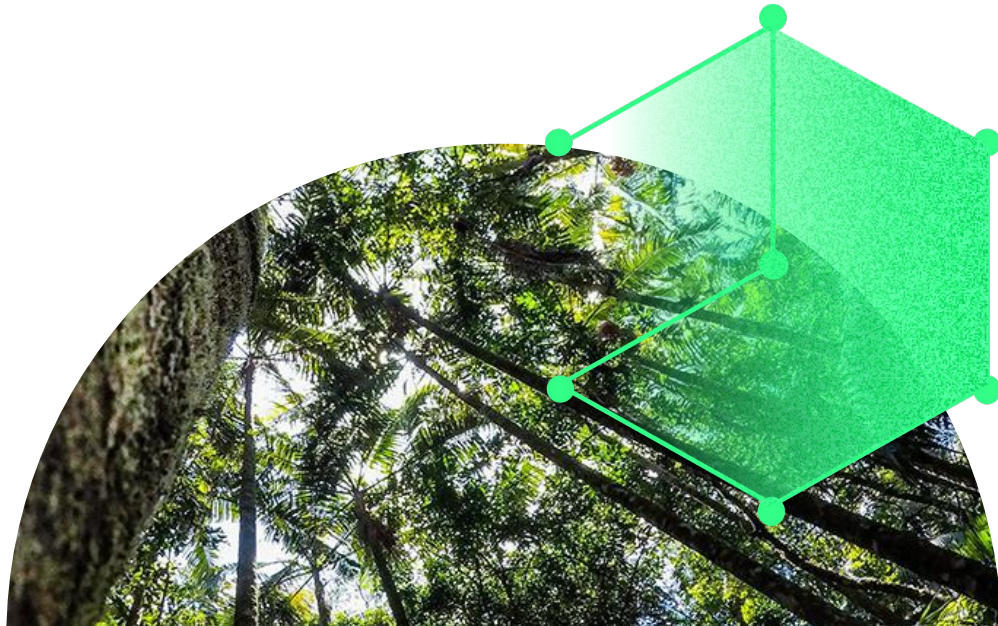
## SCALABILITY

Forest conservation is already a \$24B industry. The additional volume for securing the main rainforests of the world is an additional \$10-40B TAM.

The goal is for NatureDAO to handle up to 100s of million to help finance better management and allow landowners to invest in recurring revenues for forests around the world.



# Nature-DAO roles: Sponsors, Landowners and Validators



Sponsors: people and businesses wanting have a direct impact in the future of nature



Landowners: people, organisations and communities that ensures that forest remains intact

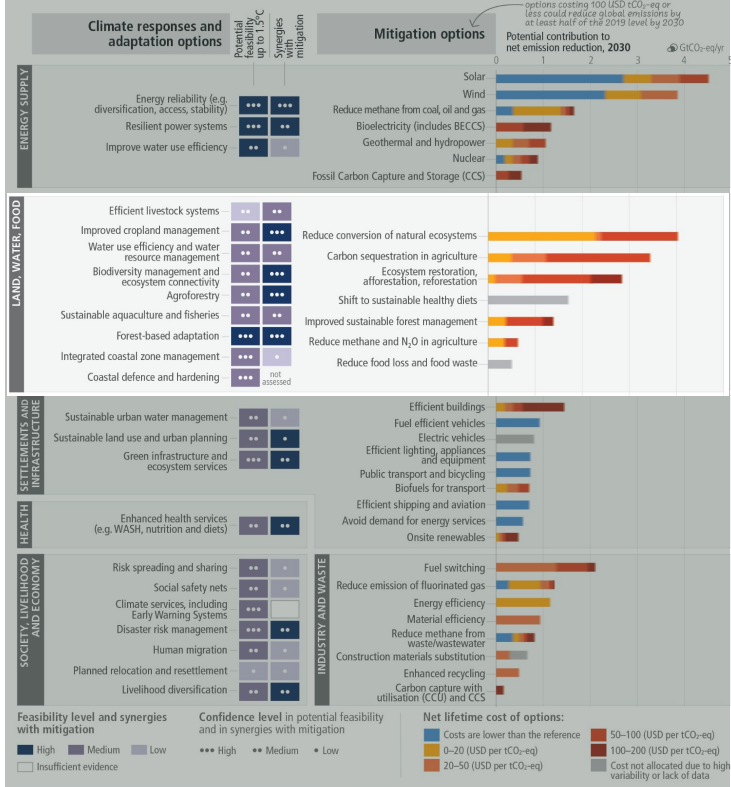


Validators: third party networks of trusted organisations who can verify the rightful stewardship

		Cutting the forest	Maintaining the forest
Short-term	Incentives	Produce value. E.g. cattle farming	Enable short-term incentives for long-term benefits
	Costs	Release of stored carbon	Opportunity cost of not cutting the forest
Long-term	Incentives	Less effective agricultural businesses	Enable monetization for biodiversity and atmospheric carbon capture
	Costs	Increased floods and loss of biodiversity	

## There are multiple opportunities for scaling up climate action

### a) Feasibility of climate responses and adaptation, and potential of mitigation options in the near-term



Data taken from [www.ipcc.ch](http://www.ipcc.ch)

## IPCC report

Protecting existing forests is more important than planting trees

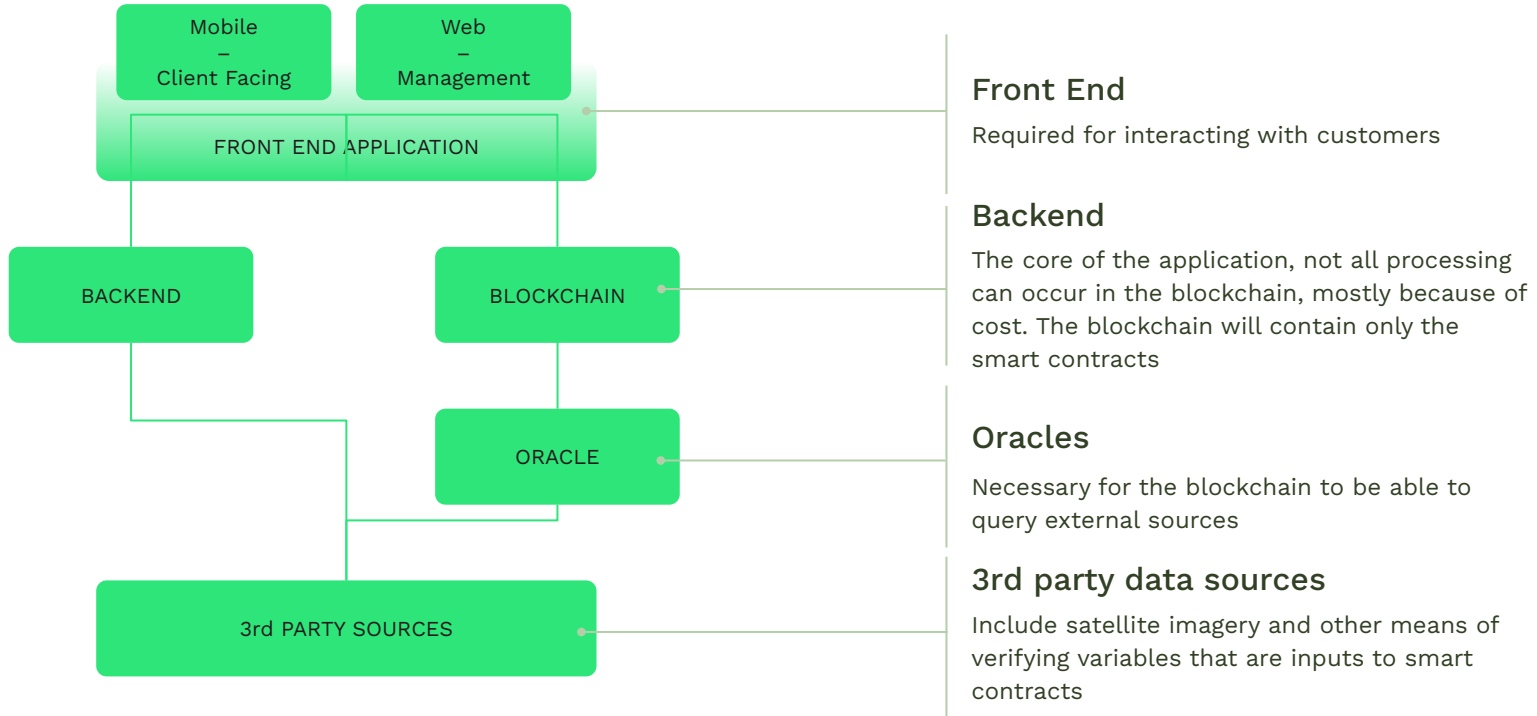
A forest of mature trees is an irreplaceable community of beings that provides essential services, while a plantation of saplings is not

Conserving remaining ecosystems has more mitigation potential than wind power, and almost as much as solar

Given everything else ecosystems do for us beyond climate mitigation, their conservation should be an absolute global priority



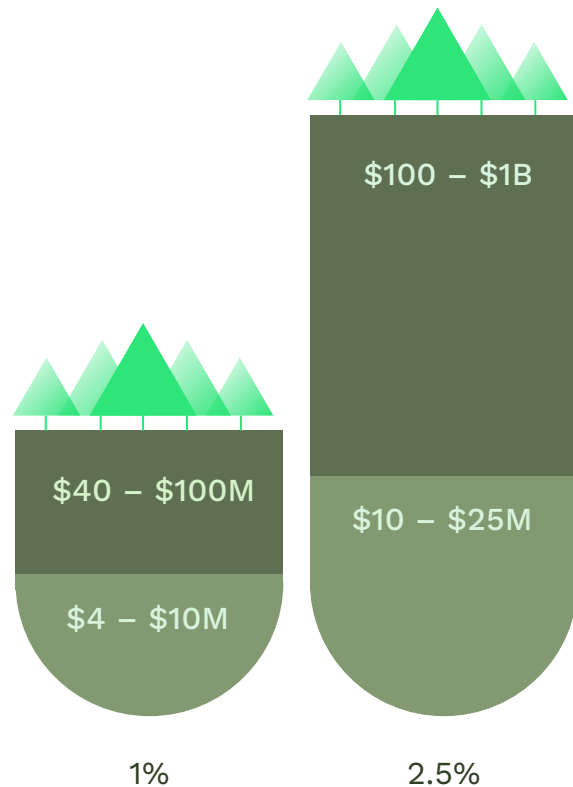
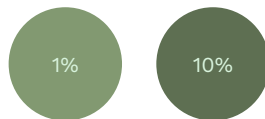
# High level architecture



# Business Model

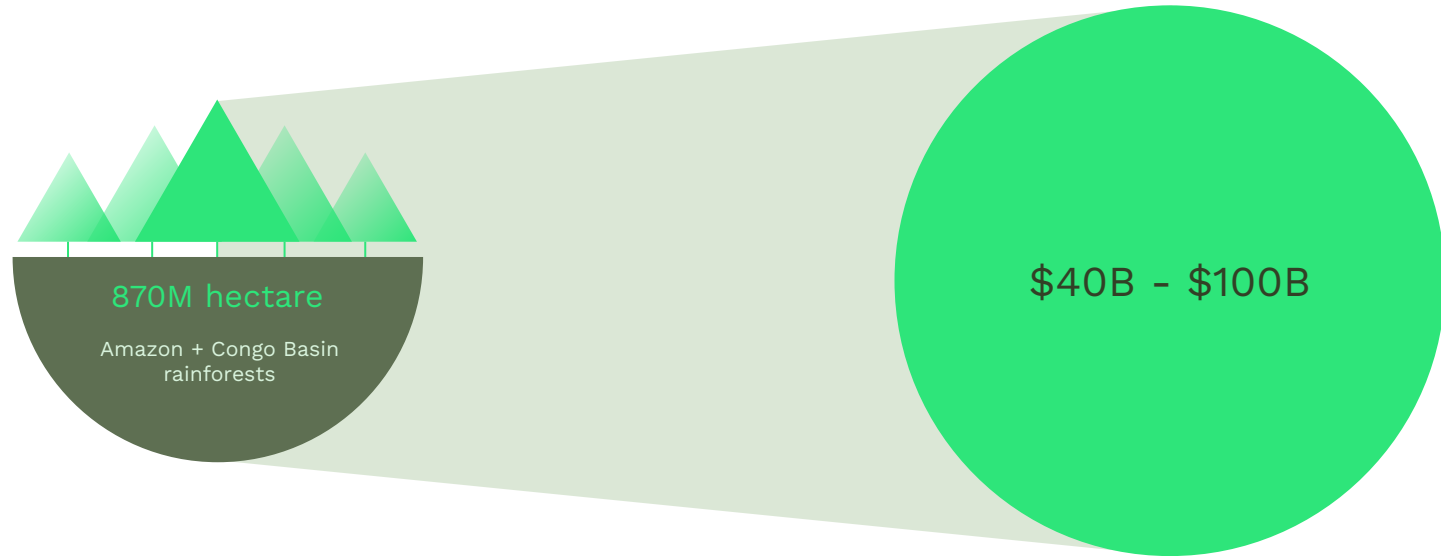
Revenue per year based on % of transaction fees taken from caretakers' income

% Forest protected

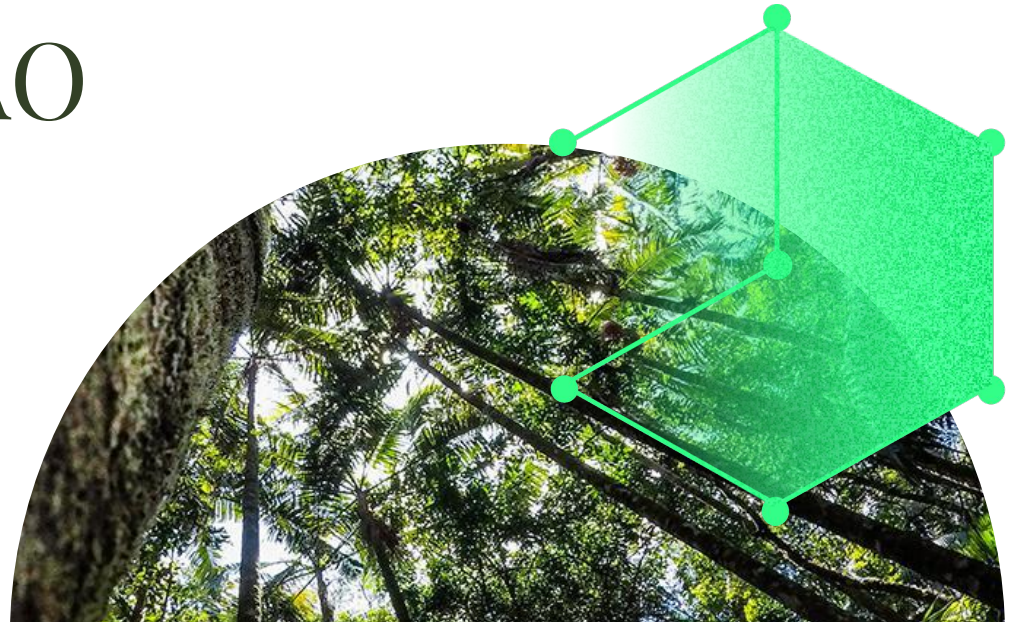


# Economics & Total addressable market

Potential economic value per year, of the two major rainforests combined



Join NatureDAO





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TheNatureDAO



TheNatureDAO