



# THE ECONOMIC POTENTIAL OF RESTORATION IN THE AMAZON





# RESTORATION IN THE AMAZON

## A CONTINENTAL CHALLENGE AND OPPORTUNITY

The total degraded area in the Brazilian Legal Amazon is equivalent to 180x the area covered by the city of São Paulo

**502M ha**  
Brazilian Legal Amazon  
Total Area

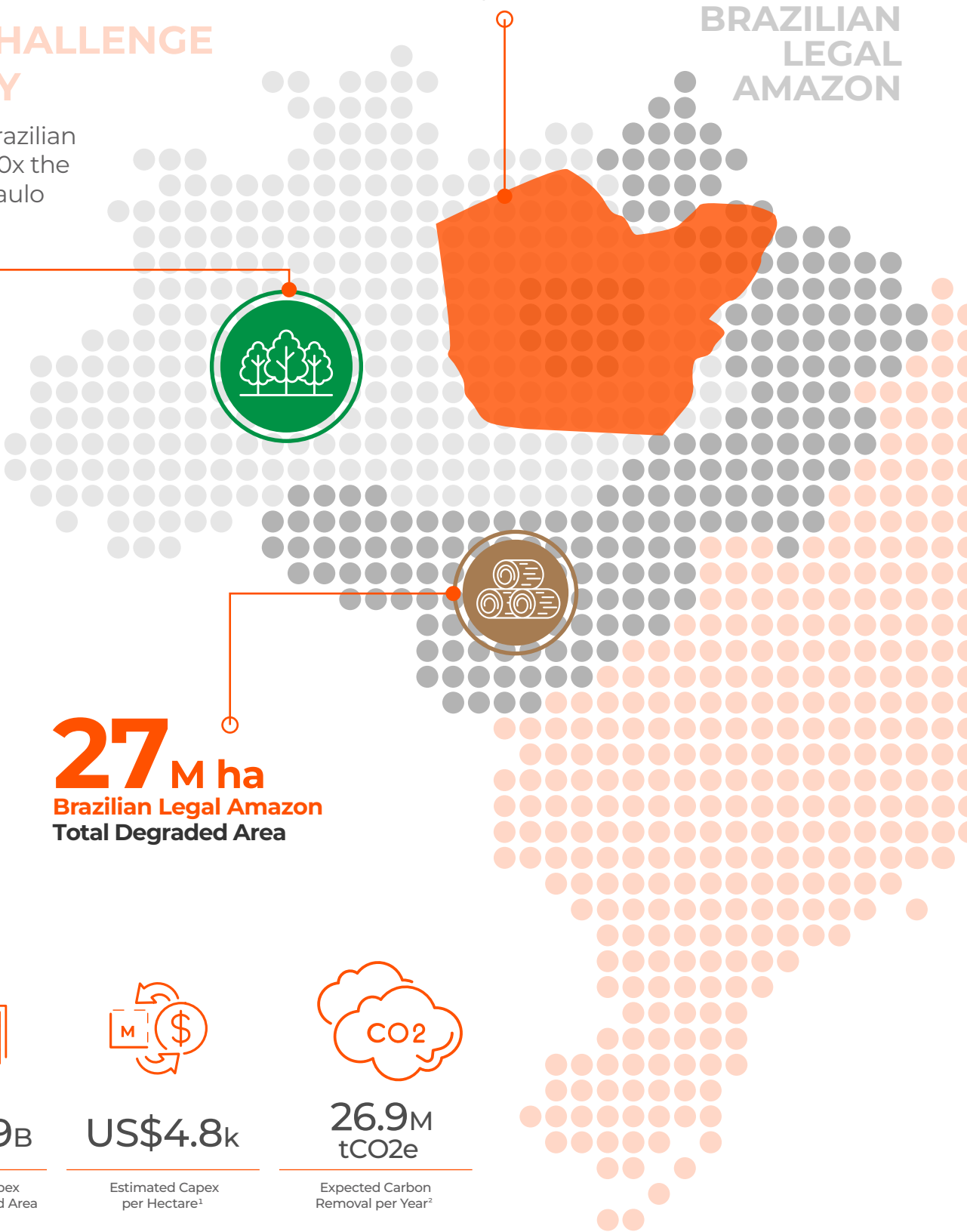
A potential initiative to restore

**10%**

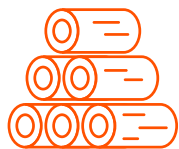
of the total degraded area in the Brazilian Legal Amazon would entail a significant amount of resources...

**11M ha**  
State of Pará  
Total Degraded Area

BRAZILIAN  
LEGAL  
AMAZON



**27M ha**  
Brazilian Legal Amazon  
Total Degraded Area



**2.7M ha**

10% of Total Degraded Area  
Brazilian Legal Amazon



**US\$12.9B**

Total Expected Capex  
10% of Total Degraded Area



**US\$4.8k**

Estimated Capex  
per Hectare<sup>1</sup>



**26.9M  
tCO2e**

Expected Carbon  
Removal per Year<sup>2</sup>

**... but would trigger a massive  
annual carbon sequestration volume as well**

Notes:  
<sup>1</sup> Considers Triunfo do Xingu Recovery Unit's implied planting capex per hectare of US\$5.0k, <sup>2</sup> Considers Triunfo do Xingu Recovery Unit's implied annual tCO2e removal per hectare of 9.94

# RESTORATION VS COMPETING ACTIVITIES

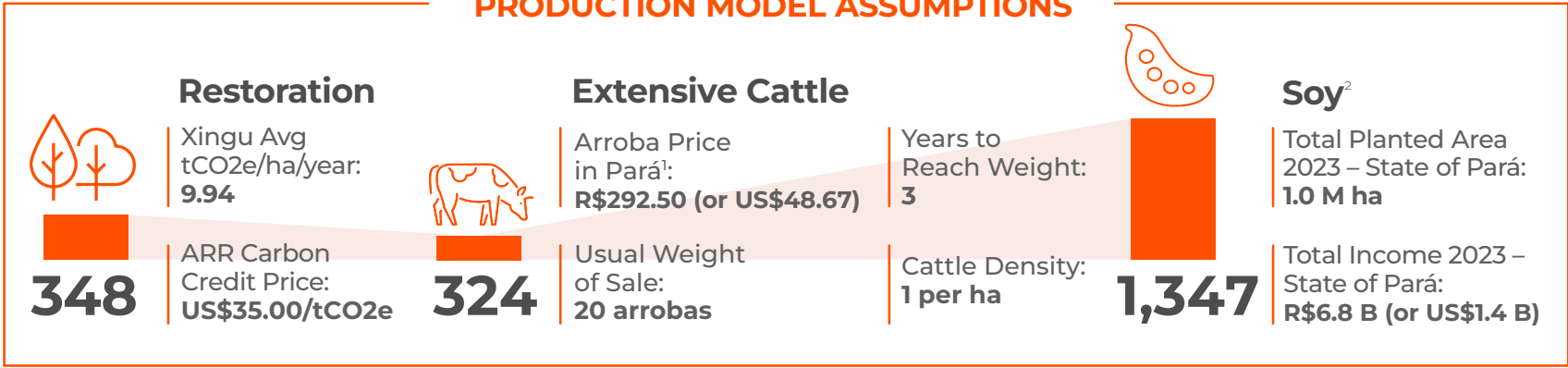
According to the assumptions adopted, restoration in the Amazon may reach an annual income per hectare of US\$675...

## RESTORATION INCOME (US\$/HA/YEAR)



		ARR Carbon Credit Price (US\$/ton CO2e)				
		25	30	35	40	45
Annual tCO2 Removal per Ha	5	125	150	175	200	225
	8	188	225	263	300	338
	10	249	298	348	398	448
	13	313	375	438	500	563
	15	375	450	525	600	675

## PRODUCTION MODEL ASSUMPTIONS



...becoming a profitable and concrete alternative to extensive cattle in the region

Notes:  
1As of December, 2024, 2 Considers figures as of 2023



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