

Neutura

Carbon Removal Solutions and Biochar





Time for Action: IPCC Recognizes Critical Role of Carbon Removal in Addressing Climate Change

Carbon Dioxide Removal (CDR) refers to technologies, practices, and approaches that remove and durably store carbon dioxide (CO₂) from the atmosphere. For example: DAC, BECCS, and **BiCRS**

Source:

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE
SUMMARY FOR POLICYMAKERS

Introducing Neutura

“Pioneering force in combating climate change through innovative carbon removal solutions”

Our Mission



**Carbon
Removal at
Scale**



**Advancing
Climate
Solution**



**Global
Partnership**

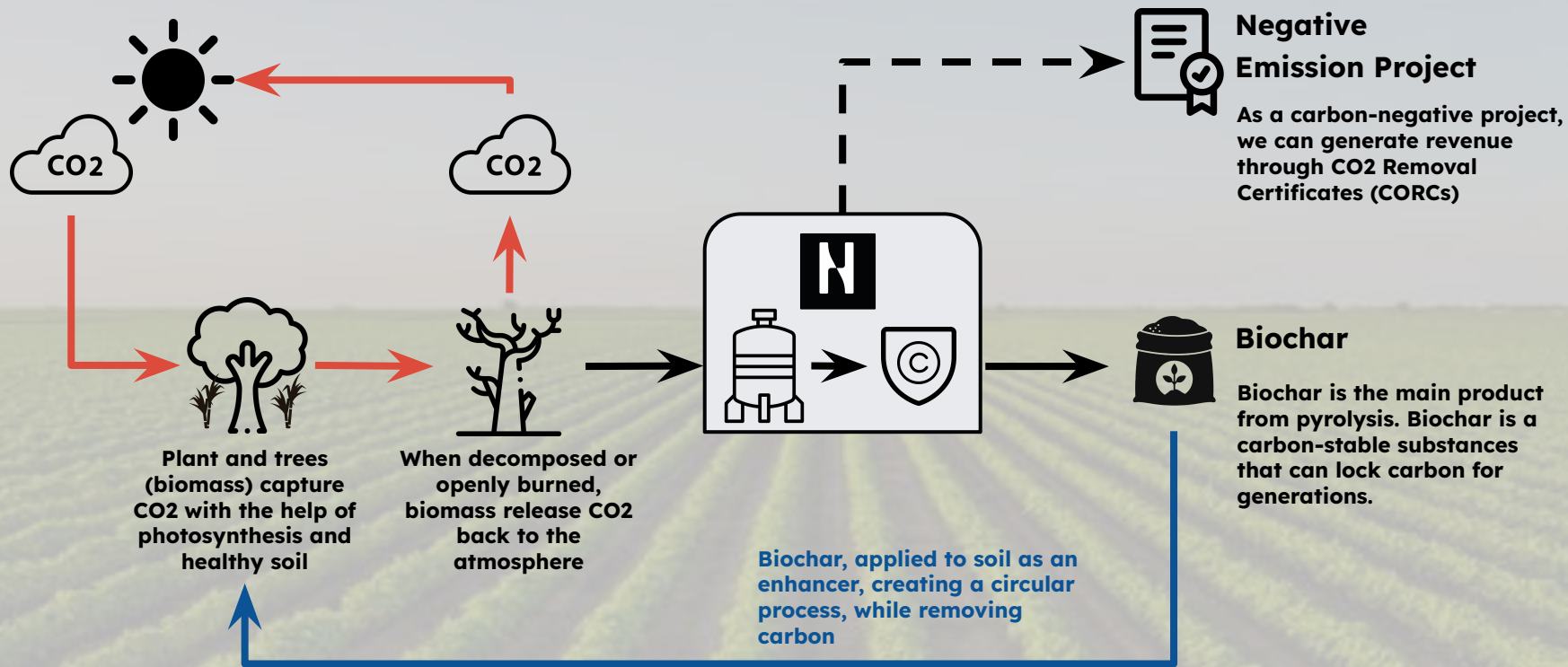


**Grassroot
Community
Engagement**



Our intervention to the carbon lifecycle

“Biochar Carbon Removal”



Neutura

We are the **pioneer**
for **Southeast Asia's**
biowaste



**Sugarcane
Bagasse**



Bamboo



**Wood
Waste**

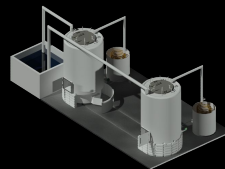


**Palm Oil
EFB**

Our Solution: German-designed and locally
manufactured pyrolysis solution



**Various
Biomass**



**Neutura
Solution**



Biochar



Biochar is a charcoal-like material produced from heating biomass in the absence of oxygen.

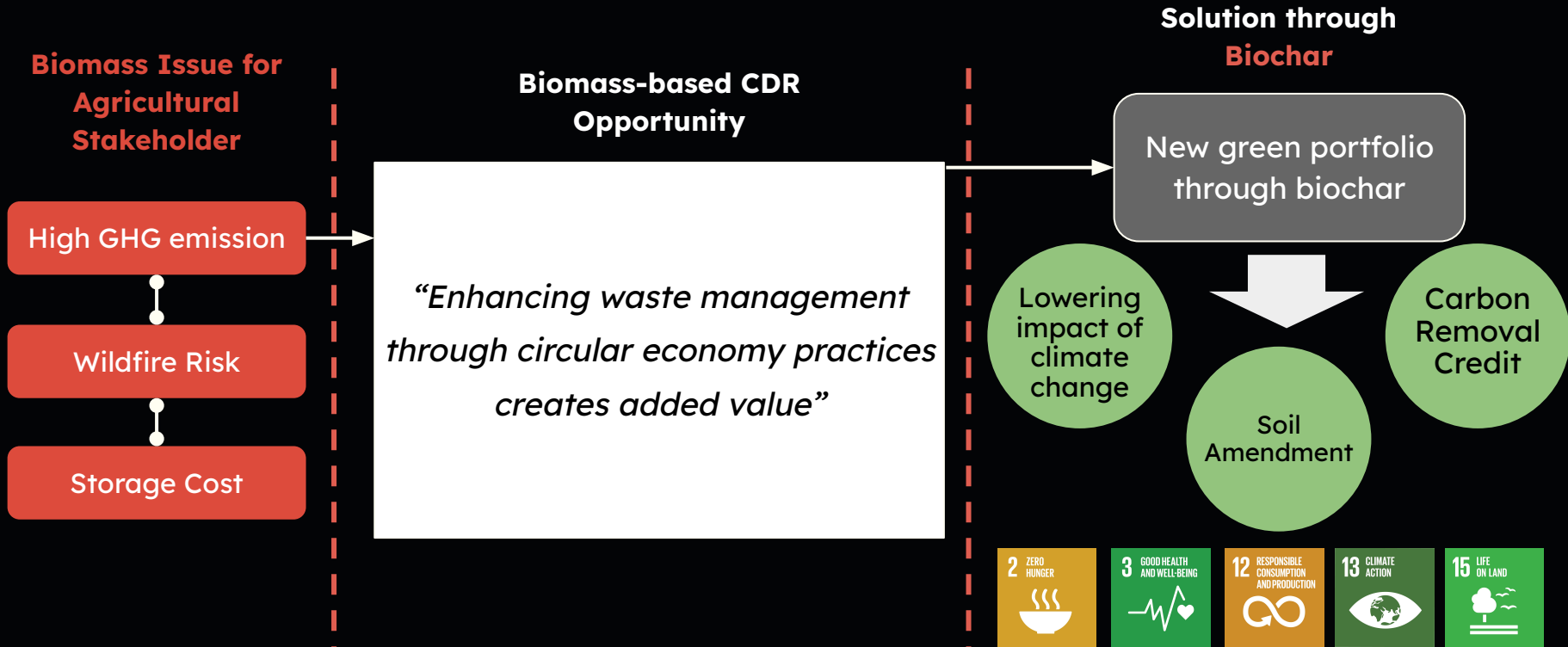


Carbon gets locked in biochar for hundreds to thousands of years.



An ancient process being modernised through technology.

Our Contribution to Indonesia's Green Business



The Global POV: Billion USD Generated from Sale of Million Tons of CO₂ Removal







\$2 Bio

Spent on CDR

**5 Mio
Tons**

Of CO₂
removed

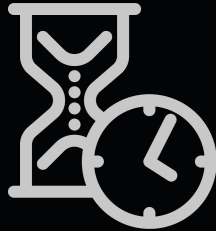
Top 10 companies for CDR purchases (by CDR.fyi)

Company	Tons of CO ₂ purchased
 Microsoft	3,268,503 tons
AIRBUS	400,000 tons
✦ Frontier	250,438 tons
 amazon	250,000 tons
NextGen	193,125 tons
BCG	121,565 tons
 shopify	87,516 tons
JPMorganChase 	63,822 tons
 Google	62,583 tons
 BOEING	62,000 tons

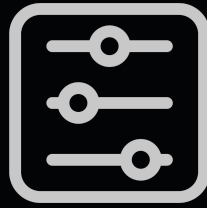
What is **Next** for CDR Developers?



High
Technology
Cost for
scaling up



Long of waiting
time to build
and/or buy
technology



Optimization
for Indonesian
Context

Thank You

Neutura
PT Penyerapan Karbon Khatulistiwa

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