

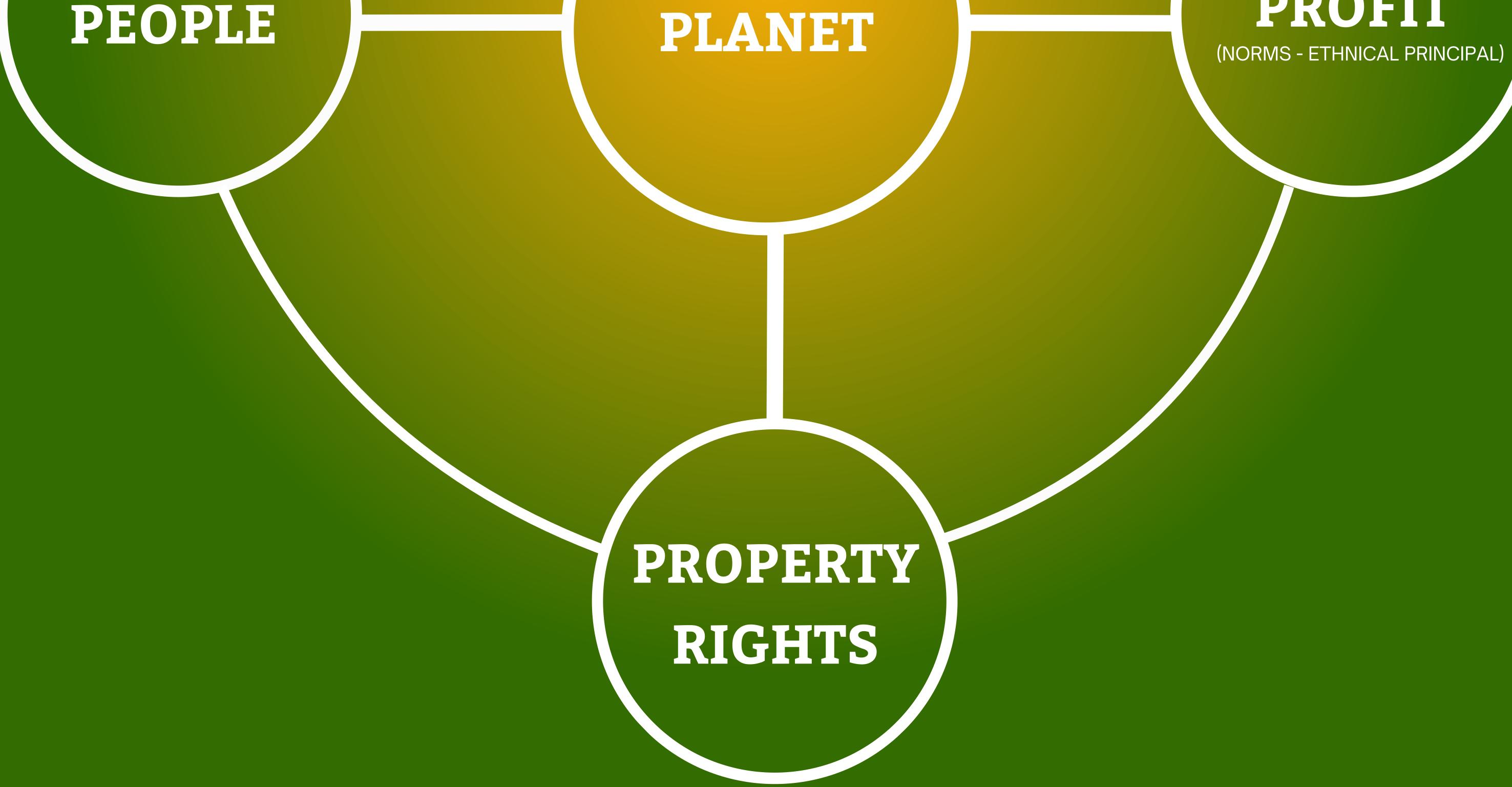
HEPA ECO-FARMING SCHOOL

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LIVELIHOOD IDENTITY, COMMUNITY ECONOMY & PROSPERITY **TOWARDS ECOLOGICAL DIVERSITY INDICATORS**



(GDP vs GEP)





• GDP: Gross Domestic Production - Concentrated Production Methods: Glue/Rubber/Cassava

• GEP: Gross Ecological Prosperity - Self-Renewing Ecosystem According to the Laws of Biogeography



HEPA ECO-FARMING SCHOOL

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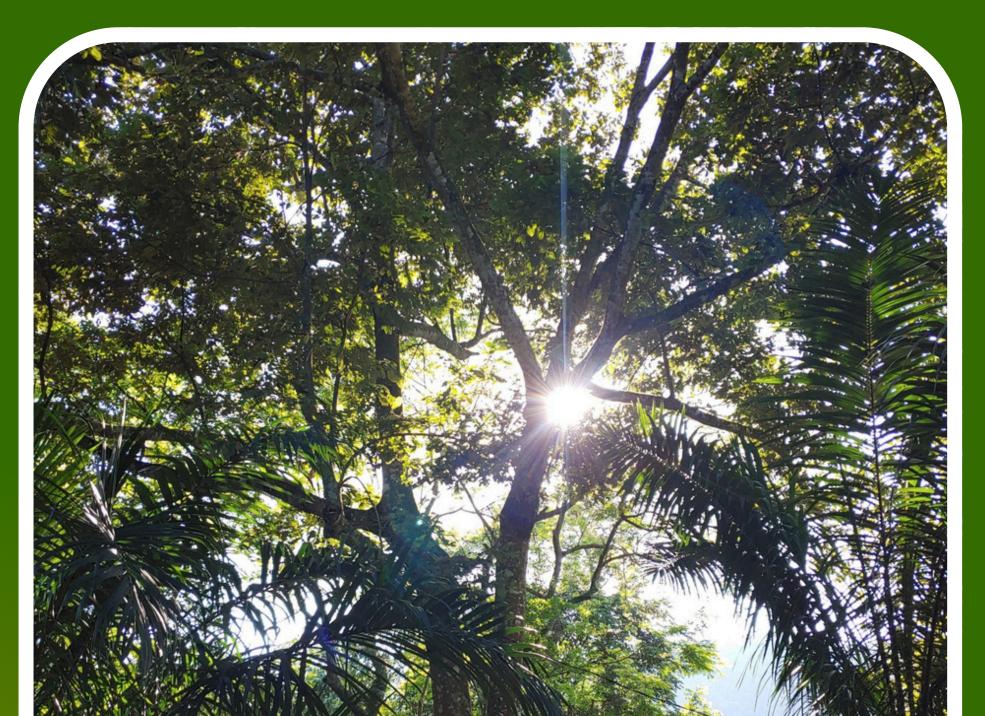
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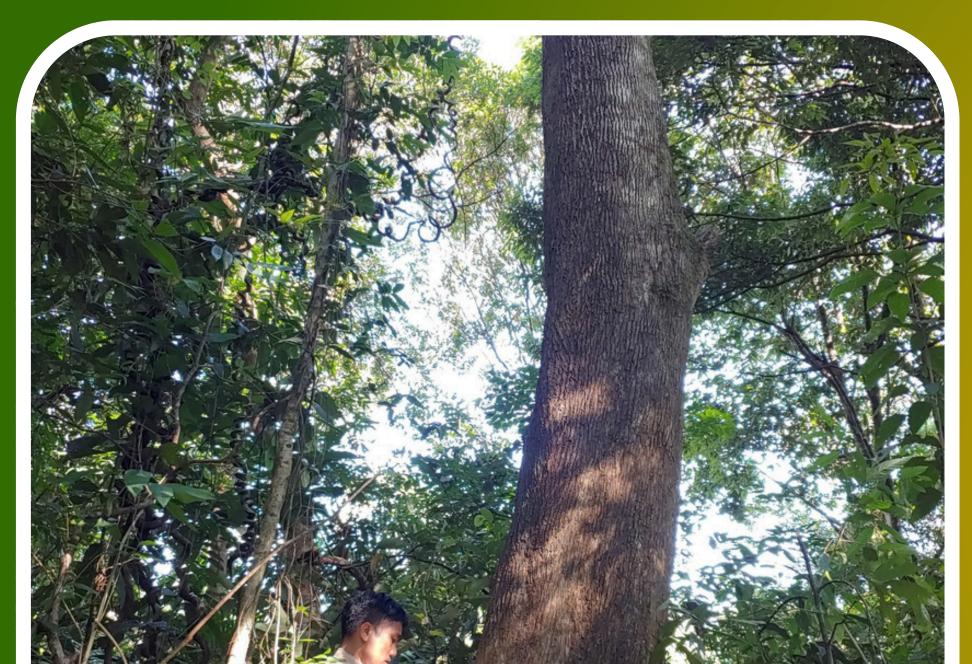
PROSPERITY INDICATOR & CARBON ACCUMULATION







Ganoderma lucidum Herbs



May Hen (Laos) 3,435.54 kg of Carbon => 12,597 kg of CO2 EquivalentEquivalent to 25,816 VND per tree per year





Castanea sativa 1,183.20 kg of Carbon => 4,338.39 kg of CO2 EquivalentEquivalent to 14,202 VND per tree per year



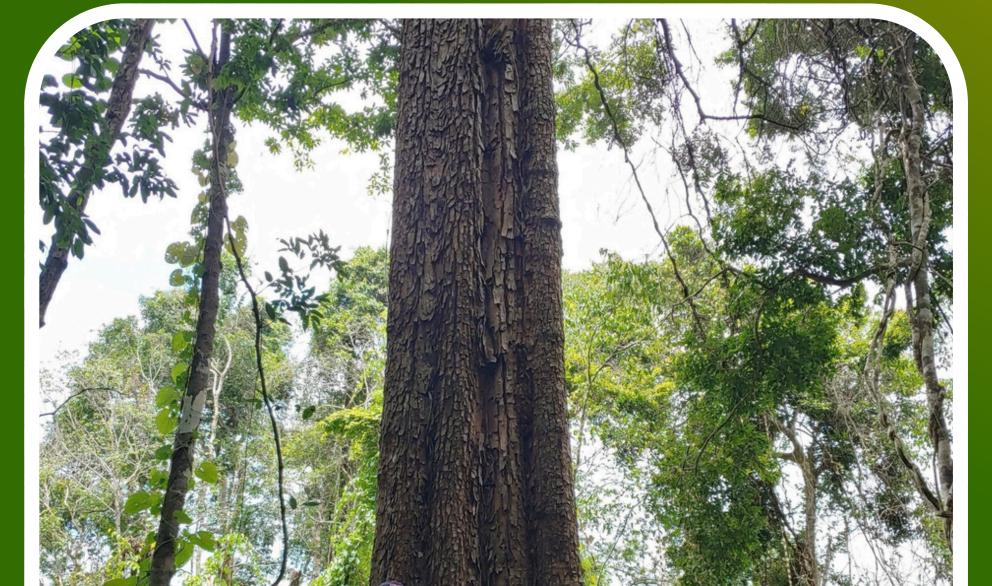


Erythrophleum fordii 1,618.79 kg of Carbon => 5,935.56 kg of CO2 EquivalentEquivalent to 17,733 VND per tree per year

Cinnamomum parthenoxylon. Lauraceae 83.18 kg of Carbon => 304.98 kg of CO2 EquivalentEquivalent to 2,607 VND per tree per year



Engelhardtia chrysolepis Hance 1,685.18 kg of Carbon => 6,178.99 kg of CO2 EquivalentEquivalent to 17,444 VND per tree per year







Ket Lin (Laos) 14,947.35 kg of Carbon => 54,807 kg of CO2 EquivalentEquivalent to 68,838 VND per tree per year HEPA Forest Naturally Recovers After Exhaustive HarvestAverage Carbon on the surface; Equivalent to 416.06 tons of CO2 Increased by 128.7% after 14 years (since 2010)

Appendix: The cost of purchasing carbon credits on the voluntary market in Europe is around \$6-\$8 per ton of CO2 - Reuters https://www.reuters.com/sustainability/climate-energy/carbon-offset-price-25-35ton-would-boost-climate-action-adb-climate-envoy-2023-11-16/