

FOREST-BASED CARBON CREDITS & BIODIVERSITY OFFSETS



InfiniteEARTH™
Beyond Carbon. Beyond Sustainability.



Our **REDD+** certification. Five principles we live by.

Carbon neutral and sustainability are simply not enough. The future generations of this planet deserve more. Your customers demand more.

Practical, Realistic Solutions

Our current global population of 6.5 billion will double to 13 billion by the year 2090, all in the span of one person's lifetime. And, with nearly 4 billion people in the developing world moving from subsistence to mass consumerism, it is unrealistic to think we can slow the rate of global consumption, let alone reduce it.

While we agree wholeheartedly with reduction efforts, we believe that, in the absence of immediate viable solutions, we should at least attempt to offset what we cannot reduce. To that end, we've challenged ourselves to focus on solutions that replace more than we have taken and that produce immediate results TODAY.

Sustainable Forest Management

REDD+ projects pursue long-term strategies for addressing the underlying causes of deforestation and degradation. Such long-term programs include providing fuel efficient cook-stoves, development of bio-efficient farming systems and other strategies for the sustainable management of existing forest stocks.

Enhancement of Native Carbon Stocks

Programs to maximize carbon preservation levels include reforestation of degraded areas with native cash crop species and other strategies aimed at enhancing existing natural forest stocks and its sustainable use and management by local communities.

Community Development

InfiniteEARTH's Rimba Raya Biodiversity Foundation funds a number of programs, many staffed by local villagers, including delivering access to clean water, health-for-conservation exchanges, early childhood education, a community staffed Park & Fire Ranger Service and micro-credit programs.

Wildlife Conservation

The Tropical Peat Swamp Forests of Borneo are one of the few remaining natural habitats of the endangered orangutan, which is listed on the IUCN Red List of Endangered Species. The Rimba Raya Reserve provides the largest privately managed reserve in the world for the release of wild born, previously captive orangutans back into their natural habitat.



InfiniteEARTH is the Industry's Flagship Source for REDD+ Carbon Credits.

Global deforestation continues at the alarming rate of 1 acre per minute.

While there may still be skeptics about global warming, nobody denies that mass deforestation of our tropical rainforests is happening on a global scale and at an unprecedented rate. Every year, the world loses 15 million hectares/150,000 km² (37 million acres/58,000 square miles) of forest lands. This loss contributes to over 1 billion tonnes of carbon output, the single largest contributor of anthropomorphic (human-caused) greenhouse gases.

The ancient Tropical Peat Swamp Forests of Borneo not only store the world's highest densities of carbon but also host some of the world's most biodiverse habitats, with as many as 1000 plant and animal species per square kilometer.

The Rimba Raya Reserve protects 640 square kilometers (250 square miles) of these rare forests and provides a patrolled buffer zone between the Tanjung Puting National Park and the encroaching palm oil industry.

37m

acres are deforested every year across the globe.*





Special Offset Solutions for Palm Oil Users and Producers

98%

of Indonesian forests will be cleared by 2022 for palm oil plantations*

InfiniteEARTH's **BeyondSustainable™ Palm Oil Offset Certificates** provide carbon replacement offsets to the environmental footprint associated with the production of palm oil.

How the program works:

One **BeyondSustainable™ Palm Oil Offset Certificate** offsets the environmental footprint of 1 tonne of palm oil. The environmental footprint is calculated in terms of carbon emissions related to deforestation and other environmental impacts related to the area of natural forest lost due to conversion.

Carbon calculations are based on an average of 60 tonnes of CO₂e per hectare (148.26 tonnes of CO₂e per acre) per year divided by an average production rate of 4 tonnes of palm oil per hectare per year. This amounts to a total of **15 tonnes of CO₂e per tonne of palm oil produced**. Forest area loss calculations are based on 1 hectare per 4 tonnes of palm oil production per year.

Therefore, one **BeyondSustainable™ Palm Oil Offset Certificate** offsets 1 tonne of palm oil and pays for the conservation of 2,500 m² (1/4 hectare or nearly 2/3 acre) of biodiverse tropical forest for one year and for the emissions avoidance of 15 tonnes of CO₂e.



Biodiversity Offset Programs

InfiniteEARTH's **Biodiversity Offsets** underwrite the conservation efforts of 1 hectare (2.54 acres) of biodiverse tropical forest containing over 100 endangered, threatened or at-risk species, including the highly endangered Bornean Orangutan.

Habitat loss is the primary cause of species extinction. Orangutans are particularly vulnerable. As an arboreal species, they rely on a vast network of forest canopy in order to search for jungle fruit. Many are now isolated on fragmented island forests surrounded by a sea of palm oil. Many will starve to death while fruiting trees lie just beyond their reach.

InfiniteEARTH only receives carbon credits from part of the 64,000 hectares (158,150 acres) that constitutes the Rimba Raya Biodiversity Reserve. A large portion of the reserve lies outside the official "carbon accounting area", which means we subsidize the conservation of that additional area.

Your purchase of InfiniteEARTH Biodiversity Offsets ensures that this iconic species has a safe habitat into which some three hundred wild born orphaned orangutans at the Orangutan Foundation International Care Center can eventually be released back into the wild.

"Rimba Raya is one of the most important Orangutan conservation projects in the world. It represents nothing less than the promise of survival for the endangered Orangutan"

-Dr. Biruté Mary Galdikas.

50%

Percentage decline in the wild orangutan population in less than 20 years.*

**Orangutan Foundation International*



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