



InfiniteEARTH™
Beyond Carbon. Beyond Sustainability.



Rimba Raya
BIODIVERSITY RESERVE
An InfiniteEARTH™ Project

TREE PLANTING & MANGROVES

WE HELP COMPANIES TO ACHIEVE A POSITIVE CARBON FOOTPRINT AND GENERATE STRONG SOCIAL INCLUSION IN THEIR QUEST FOR A “NO NET LOSS” ENVIRONMENTAL IMPACT.



AT **InfiniteEARTH™** WE BELIEVE IN MAKING A MEASURABLE IMPACT ON THE LIVES OF PEOPLE WHO NEED IT THE MOST.

Our project, Rimba Raya Biodiversity Reserve, has a community of proud & talented people who would like the opportunity and means to achieve their goals. They are people who are committed in their partnership with us to protect the fragile ecosystem and biodiversity that future generations will depend on.

This community deserve a helping hand from business entities & individuals who share the same desire to make a contribution. One that actually does have tangible and measurable impacts, not only in this specific region of Borneo, but on a large environmental scale.

Working with **InfiniteEARTH™** means peace of mind – for your organization, your auditors, your shareholders and your consumers.

Companies such as yours constantly look for effective & far reaching community building CSR initiatives.

Review our initiatives and see which ones align with your company values and goals. We provide an opportunity for you to contribute to orangutan and wildlife conservation, environmental protection, education and business opportunities that will enable a community to build economic strength while giving community members a better quality of life.

Partner with **InfiniteEARTH™** and our stakeholders to help us develop a sustainable future for these villages in the heart of Indonesian Borneo.



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PEAT FORESTS

According to the United Nations, forests cover 30.7 per cent of the Earth's surface. Forests don't only provide food security and shelter, they are key to combating climate change, protecting biodiversity and the homes of indigenous populations.

Peat swamp forests form in tropical areas where wet soils or frequent flooding prevent organic material from fully decomposing.

This organic material slowly accumulates and as it does, more water is retained- in effect becoming a water-logged sponge. As these mounds of organic material build up they can rise above the flood levels, these peat deposits can extend up to 20 m.

In our concession approximately 50,000 hectares of the 64,500 reserve is peat, storing more than 500 billion liters of water

WHAT TAKES YEARS TO GROW CAN BE DESTROYED IN MINUTES

It takes thousands of years for peatlands to form and are deficient in nutrients because of the lack of mineral input, and the leaching of organic compounds causes the water to become extremely acidic.

Fires are deliberately started to clear areas for agricultural development. Animals that live in the peat forests; orangutans, sun bears, pangolins and proboscis monkeys, are severely threatened as is their ever decreasing habitat.

GOAL

Our long-term goal will be to ensure that this peat swamp forest remains intact for future generations. This can only happen if we work in partnership with local stakeholders who must allocate value to a natural commodity that they have until now, taken for granted.

We will continue to keep this forest standing as habitat for endangered wildlife and to provide natural resources to the community in a sustainable way.

Every attempt is made to inform and educate the public to ensure that they are aware that their actions have far and long reaching consequences but that we are doing this in partnership as we share a common goal.



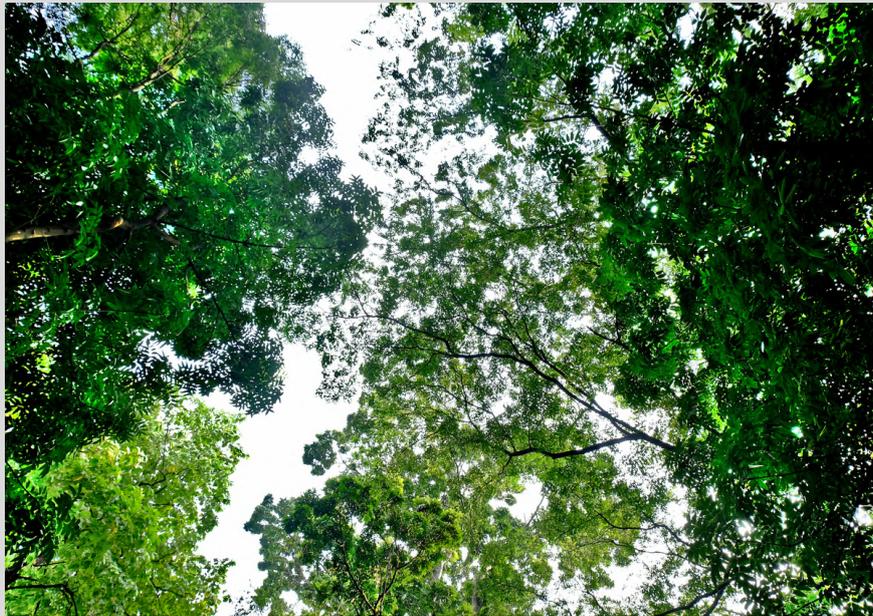


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PLANTING TREES



Among other immediate, basic needs, people have a need for fuelwood, low-cost construction materials and other wood products which they have traditionally sourced from the local forests. Not only must these needs be met but we must consider how to sustainably fulfill those needs while maintaining or improving the forest environment.

The benefits of trees are extensive, and in developing regions, planting, growing and protecting trees can improve the life of a person, a family or an entire community for future generations.



Trees can help to improve soil quality, provide nutrition and generate income, all while helping to create a healthy environment.

Many people in developing countries live on severely degraded land, and trees are essential to their survival. These land conditions directly affect their living standards: it is very difficult to grow food, collect firewood, or make a living off the land. Thus it is clear that in order to improve their livelihoods, we must reforest degraded areas in our concession.



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Supporting community Nurseries is vital to the success of any tree planting initiative. This knowledge has led to our funding several nurseries in and around the concession area.

Tree saplings are sourced from these community nurseries, we empower people by embracing the traditional expertise of local stakeholders who help to ensure that only indigenous trees are planted in the area. We pay the communities to plant the trees which has given many individuals in the concession area a steady income resulting in increased economic stability.

Non-cash crops are developed to reforest degraded areas and cash-crops to create diversified sustainable income for communities.

It's also vital that we plant the right kinds of trees to ensure that there is food availability which encourages the growth of vital biodiversity while supplying community stakeholders with fresh fruits and natural resources.

In the last quarter of 2019, 16,587 forest seedlings were growing in our North Unit nursery, these will be ready to be planted in March 2020. That equates to approximately 1 tree per village per day (10 per day) or 3,650 trees per year from being harvested.

From previous plantings, we have learned that mortality rates are dramatically lower if the seedlings are allowed to grow to sapling height (2m) before planting. This necessitates more shaded nurseries to accommodate for the larger trees and longer grow-out period (2 years, instead of 1).

Children in particular are active tree planters and have specifically requested additional tree planting activities- they've discovered that it's an adventure traveling to the remote planting area and they love knowing that somewhere in the forest, there's a growing tree and it's one they personally planted. This gives them a sense of ownership which will help develop a conservation focused outlook that we hope will secure the forests for future generations. .





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MANGROVES- BLUE CARBON

You may have heard of carbon, but have you heard of Blue Carbon? According to Science Daily; 'Mangroves store greater amounts of carbon than any other terrestrial ecosystem [except peat], which helps reduce carbon dioxide and greenhouse gases in the atmosphere.

When carbon is stored in the ocean or coastal ecosystems, including mangrove forests, it is called blue carbon.' This clearly makes this initiative perfect for a company whose main mission it is to keep the forest intact and help prevent forest destruction caused by agriculture.

In November 2018, we planted 3,500 mangrove tree saplings and in July 2019 an additional 16,500 mangrove tree saplings were planted. This brings the total of mangroves being planted in that time frame to 20,000. We've signed contracts with corporate sponsors to plant another 100,000 in 2020 and 2021.

By planting mangroves, we will help sequester carbon which would otherwise be in our atmosphere and we provide vital habitat for juvenile marine species, as well as protect inland forests and soils from being eroded. This compound services component of mangroves makes them one of the most important ecosystems on the planet.

We have partnered with the Seruyan Government who hope to develop the area as a tourist destination and who also understand the value of a thriving mangrove ecosystem.





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Trees help clean the air we breathe, filter the water we drink, and provide habitat to over 80% of the world's terrestrial biodiversity. Forests provide jobs, absorb harmful carbon from the atmosphere, and are key ingredients in many medicines.

We can do our part, but we need others to join in and help us.

Your investment in this initiative, helps us achieve this goal.

As a REDD+ Project, Rimba Raya Biodiversity Reserve depends on the income gained from the sale of Carbon Credits to support initiatives that have far reaching and long term benefits and which are vital to the success of the community as a whole.



WE LOOK FORWARD TO PARTNERING WITH YOU.

TALK TO US

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