Seeds *of* Change

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InfiniteEARTH
Beyond Carbon. Beyond Sustainability.

PT RIMBA RAYA CONSERVATION

USING TECHNOLOGY TO COMBAT CLIMATE CHANGE DRIVEN BY DEFORESTATION IN BORNEO

Rimba Raya deploys Microsoft's Handheld Mobile Technology in an effort to combat climate change driven by deforestation in Borneo

Ever the pioneer, InfiniteEARTH looks to consumer grade Microsoft technology as a tool to combat climate change driven by deforestation in and around its Rimba Raya Biodiversity Reserve in Indonesian Borneo, the world's first REDD project.

Frustrated by complex GIS (geolocation information services) hardware and software, InfiniteEARTH is piloting a program using Windows based handheld mobile technology.

"We have employed dozens of local community members for our field patrols. These staff members have vast local knowledge of the area forests and wildlife but using highly sophisticated GIS devices simply isn't efficient in terms of cost or training. Even for highly trained GIS technicians, capturing geo-located photos of illegal logging activity or palm oil conversion and documenting the circumstances with comments attached to the photo is challenging. It's not an integrated or user friendly technology", said Loy Jones, Rimba Raya's Director of Field Operations.

"We've found that using consumer based, off the shelf technology delivers cost efficiency, a short learning curve and easy integration between geolocation tagged photos, word based annotations and data mapping apps".

Rimba Raya field personnel are currently field testing the Windows based Nokia Lumina XYZ? smartphone with XYZ? megapixel camera and the Microsoft Surface Pro tablet. Using the photo, Word and file sharing software and apps such as GeoPhoto, Geo Snapshot, Nokia Storyteller and GPS Logger, Rimba Raya is empowering all of its field per-

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sonnel with powerful, user-friendly tools with which to document landscape changes within the Rimba Raya Reserve – and communicate those to Rimba Raya's basecamp or to local forestry authorities in real-time. Additionally, InfiniteEARTH has begun equipping members of the local communities with the same Windows based Nokia smartphones, with the goal of empowering them to share the triumphs and challenges of their daily lives.

"Our aim is to connect the outside world more intimately with what we do at Rimba Raya. We want to give our local communities their voice and we want to transport our customers' constituents to the project site so that we can bring the issues to life for them", said Todd Lemons, Founder & CEO of InfiniteEARTH.

He added, "The two most powerful forces in the world today are information and connectivity. Coupled together, they have the power to change the world. We are fortunate to count Microsoft as a partner and we're beginning to leverage their information sharing tools to do just that."