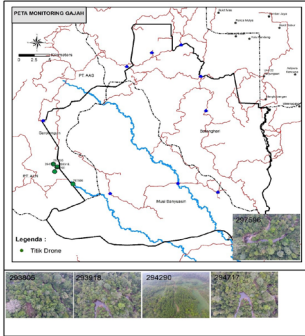


Drone Monitoring

With support of Fujitsu, data from drones is now being intergated into SMART for biodiversity conservation application.



Community Patrolling

We also encourage communities to help us protect Hutan Harapan. The Community Warden, which are composed of the Batin Sembilan Indigenous Peoples, are being trained to use the Cyber Tracker application to monitor the condition of the forest on their patrols.



Protecting Hutan Harapan Utilizing ICT

(Information Communication Technology)





About Hutan Harapan

Established in 2007, Hutan Harapan is the first ecosystem restoration concession in Indonesia. We aim to save Sumatra's lowland forests by encouraging sustainable use of production forest areas and improving the well-being of communities living in and around the forest.



98.555 HECTARE

20% The remaining lowland rainforest in Sumatera

This area has become an important habitat to Indonesian flora and fauna

Hutan Harapan has four main activities:

- (1) protection of forest areas,
- (2) forest restoration,
- (3) biodiversity, conservation and research, and
- (4) partnerships with communities.

To improve conservation effectiveness in Hutan Harapan, a variety of technologies are being used such as SMART* which allows for the analysis of a range of data such as illegal activities, patrol routes, wildlife and management actions.

Patrolling with CyberTracker

Fujitsu is supporting Hutan Harapan to develop an android-based application, CyberTracker, a tool for mobile data capture that allows forest patrols to collect field observation data and GPS data in one application.



CyberTracker



FIELD OFFICE

Field Office use Cyber Tracker to record field observation, take photos and sending the data to the Main Camp



SMART PROFILES



MAIN CAMP

The observations and GPS data are transferred directly to the SMART database



The information is used by management to improve area management and conservation effectiveness**

* Spatial Monitoring and Reporting Tool
** It used to take a month to process the data, now it only takes a week