

# BIODIVERSITY RESEARCH AND DEVELOPMENT STUDY OF THE MAHAKAM DELTA (INDONESIA)

Indonesia



Beneficiary : TOTAL RECHERCHE ET DEVELOPPEMENT - TOTAL - RECHERCHE ET DEVELOPPEMENT  
Client : TOTAL E&P RECHERCHE ET DEVELOPPEMENT

Date : 2011 - 2013

## Detailed description of project

The purpose of this project was to describe the situation of the delta in terms of biodiversity (which species, how many, where are they, etc.), and also to check the natural and human generated processes conducting to its restoration. These results will help to understand the restoration processes and then to apply them to any other similar areas. The basis of the work has been an update of the existing database (2001) including a detailed fauna and flora inventory, and, based on this update, the description of the recolonization processes either through cartographic methods or installation of monitoring network.

The whole project will last three years.

## Type and scope of services provided

First phase of the study on Mahakam delta biodiversity and mangrove restoration, years 2011-2012:

1. Updating of the land occupation cartography,
2. Biodiversity assessment : flora inventory of the downstream delta,
3. Cartography of ROW planted areas,
4. Cartography of naturally re-colonized areas.