APPENDIX

ACTIVITY DOCUMENT

Submitted by the Government of Indonesia

TITLE **The Assessment of Ramin Plantation Requirement and the Establishment of Ramin Genetic Resources Conservation Gardens**

Summary

Efforts to enhance rehabilitation and plantation of *Gonystylus bancanus* in Indonesia have been taken through various activities. These include the identification of ramin seed sources, collection of seeds and seedling and the establishment of plantation trials in peat swamp forests in Sumatra and Kalimantan. Based on the findings from previous activities, the crucial issue in the promotion of plantation of ramin is the insufficiency in the provision of ramin planting materials. The primary causes are the long intervals between flowering, low seed production, short storability and lack of natural seedling available for collection. One of the solutions to the scarcity of planting materials is the development of mass propagation technique using macro- and micro-propagation. Both macro- and micro-propagation techniques have been explored in the previous activities of ramin project. Macro-propagation using stem/shoot cuttings in combination with fogging nursery system has been giving excellent results in the production of seedlings and having high potential success for mass seedling production. This proposed activity is therefore aimed to assess the areas and the number of planting materials required for ramin plantation and to conserve ramin plant genetic resources.

The main objective of this activity is to contribute to the enhancement of recovery of ramin population and habitats and conservation of ramin plant genetic resources in Sumatra and Kalimantan through the assessment of the areas and the number of planting materials required for ramin plantation and the establishment of ramin genetic conservation gardens, which also serve as source of stem cuttings. Ramin genetic resources pooled in the conservation gardens will consist of representatives of ramin natural populations in Sumatra and Kalimantan. The expected outputs are (i) the deforested-degraded ramin habitats to be restored and planted identified, (ii) the number of ramin planting materials required for plantation predicted and (iii) ramin genetic resources conservation gardens established.

Executing Agency/Implementing Agency

Forestry Research and Development Agency (FORDA),
Gedung Manggala Wanabhakti
XIth. Floor, Jl. Jenderal Gatot Subroto, Jakarta

South Sumatra Regional Research Center,
Jalan Kol. H Burlian, Palembang, South Sumatra

Duration 12 months

PROPOSED START DATE Upon receiving funding for the Activity