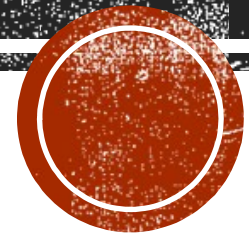


ITTO PD 600/11
REV. 1 (I)

MODEL CAPACITY BUILDING FOR EFFICIENT AND
SUSTAINABLE UTILISATION OF BAMBOO RESOURCES IN
INDONESIA



PROJECT INFORMATION

- Host Government: Republic of Indonesia
- Executing Agency: Forest Research & Development Agency (FORDA), the Ministry of Environment and Forestry, Indonesia
- Collaborating Agency: Bangli District Forestry Agency (BDFA) Bali Province

Total budget approved for the project:

- ITTO: USD 537,095
- Government of Indonesia (in-kind): USD 334,937
- TOTAL: USD 872,032

Approved project duration – 36 months

- Started – November 2013
- Completed – June 2017 (44 months including about 6 months project suspension)



PROBLEM ADDRESSED

- The key problem to be addressed was the weak capacity of stakeholders to develop and utilize bamboo resources in an efficient and sustainable manner. Bamboo can substitute wood in many industrial applications; any increase in the utilization of bamboo will significantly reduce the dependency of local communities on forest, thus contributing meaningfully to sustainable forest management.



DEVELOPMENT OBJECTIVE

To improve the management of bamboo resources for their sustainable use and benefits to local communities.



SPECIFIC OBJECTIVE AND OUTPUTS

The project specific objective: to initiate enhancement of capacity amongst stakeholders to develop and utilize bamboo resources in an efficient and sustainable manner.

Expected outputs:

- Output 1: Investment in bamboo industry development promoted (5 activities)
- Output 2: Institutional framework for bamboo industry development enhanced (5 activities)
- Output 3: Participation of local communities in bamboo industry development increased (9 activities)



PRESENT STATUS IN NGADA



BAMBOO PROCESSING FACILITY



ACHIEVEMENT OF OUTPUTS AND SPECIFIC OBJECTIVE

- All the targeted outputs were fully achieved through the project interventions
- These had contributed to the full achievement of the specific objective



ACHIEVEMENT OF DEVELOPMENT OBJECTIVE

Development objective: *Improved the management of bamboo resources for their sustainable use and benefits to local communities.*

The contributions are evident by the increased bamboo activities in Ngada. Bamboo poles are being harvested, semi-process in a local factory and transported to Bali for finished product processing, such as laminated bamboo beams and boards. The local women groups in Ngada are actively involved in the propagating of bamboo seedling from bamboo root-branches in their home. These seedlings are then sold to the nursery; here the seedlings are planted for rhizome enlargement before planting in the field. The demonstrative use of bamboo building was highlighted in the bamboo pavilion built in conjunction with the 2022 G20 meeting in Bali. A new bamboo pavilion was built for the ASEAN Summit in November 2023. The local trading of bamboo has increased but no exact figures.



TECHNOLOGY TRASFER

- Well executed and effective technology transfer programs
- 13 training sessions/workshops/seminars were conducted involving about that 600 participants
- Wide dissemination of the publications produced under the project:
Brochure – 2, Guide book – 1, Technical reports – 7, Proceedings – 1, Guide line – 1, Journal paper – 2, Flyer – 6, Leaflet – 1, Booklet – 1, Manual book – 2, Book – 2, Module – 1, Website – 2, Film/video – 3



CONCLUSION

- The project designed to address the sustainable management of bamboo resources had been successful in achieving its objectives and delivering the planned outputs.
- The project interventions were appropriate and well-targeted to solve the problems identified in the bamboo supply chain, and the vertical logic was clear.
- The achievements of the specific objectives are verifiable through the indicators defined in the logical framework matrix. The project has contributed to improving the management of bamboo resources for their sustainable use and benefits to local communities, which was the development objective.
- Overall, the project has had a positive impact on the local communities, and the continuous development of bamboo after the project's completion has been demonstrated through the establishment of a bamboo nursery, bamboo processing units and introduction of bamboo construction and laminated board making

