

Training on bamboo management and craft-making to initiate Inclusive Business Model in the upstream of Bribin Watershed

Multi-stakeholder initiatives between Kanoppi and local stakeholders:

CIFOR, Bambubos, Haybambos, Pokdarwis Kenteng, Village Governments of Kenteng, Dadapayu, Candirejo, and Pacarejo, the Agency of Industry, Trading and Cooperative, and the Tourism Agency

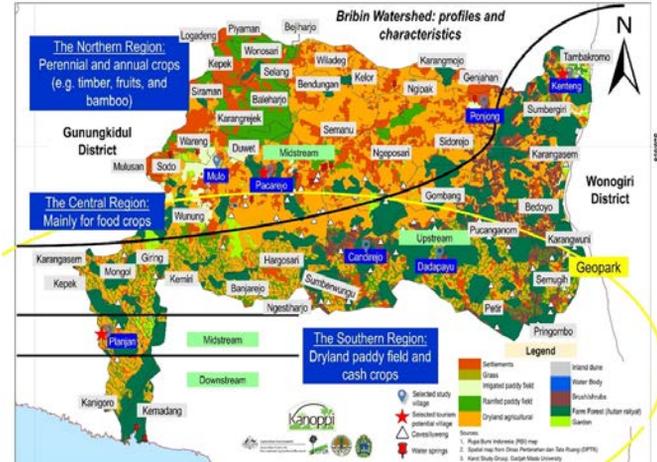
Training of Trainer (ToT) on “Sustainable Bamboo Management and Crafts Making” (8-13 March 2021)

- Recommendation from developing participative integrated baseline in Bribin Watershed: upstream conservation is urgently needed to maintain the karst ecosystem
- Participants from villages located in the upstream & midstream of Bribin Watershed: *Kenteng (Ponjong), Dadapayu and Candirejo (Semanu), and Pacarejo (Semanu)*
- Aims to increase awareness about karst-based natural resource management, foster locally based conservation bamboo practices to maintain environmental sustainability and water availability
- Aims also to explore incentives mechanism for conservation practices from income generation opportunities through bamboo craft making
- Conserving upstream areas are important also for maintaining the status of UNESCO Global Geopark *Gunung Sewu*

Participatory training pathways

- Pre-training need assessment: to tailor the curriculum and methods to local bamboo management context
- Reference: infographic manual on Sustainable Bamboo Management produced by CIFOR and Sustainable Bamboo Foundation.
- Consultation with prospect participants and other key informants, and on-site bamboo plantation observation
- The first phase: best practices in harvesting techniques and managing the existing clumps owned by local community participants, including post-harvest treatment
- Approach: group reflection on lessons learnt from exercises (transect and direct field observation on bad and good practices, and nurseries development)
- Two purposes of harvested bamboos: materials used in the craft making session, and the shoots for training in seedlings
- Craft making session: souvenirs design and making, as part of the ecotourism packages managed by local communities and opportunities for selling on-line during the pandemic

Upstream of Bribin Watershed in Gunungkidul: up to 50% of total 31.326 Ha



Raising awareness: conserving *Gunung Sewu Geopark*, CIFOR dedicated photographs published as stamps



Link: <https://forestsnews.cifor.org/73646/seal-of-approval-for-gunung-sewu-unesco-global-geopark-karst-ecosystem-in-indonesia?fnl=en>



Reflecting lessons learnt from transect in identifying species for different products, and from observation on “bad and best practices” in bamboo management

Bamboo-based conservation at the upstream area: by fostering sustainable bamboo management practices

- Upstream villages: more than 50% of total 54 villages located along the Bribin Watershed
- *Bambu apus (Gigantochloa apus)*: one of bamboo species matches with crafts production
- Fostering sustainable bamboo clumps management
- Larger bamboo species should be left undisturbed for conservation purposes
- Community-based nurseries on selected species are key to be developed in upstream villages
- Raise awareness on conservation practices among villagers and key stakeholders on the ground



Cutting system: one technique used in making seedlings in the nursery development session

Prospective champions on bamboo-based conservation

Bambubos and *HayBams* mapped potential local champions based on their interest and improved understanding during the training:

- Nurseries development: 50% of total participants
- Management capacities: 40% of total participants
- Crafts making: 70% of total participants



"Healthy" and "Unhealthy" clumps: enhancing understanding on best practices in bamboo clumps management for continued raw materials in craft making

Business model and institutional arrangement:

- Business model on bamboo management for multiple objectives: incentives for conservation and income generation
- Legal basis: the Head of Gunungkidul District Letter of Decree No. 297/KPTS /2014 on Bamboo as a priority commodity
- Supportive government agencies at the village and district levels
- Nurseries development should be continued during the bamboo shoots seasons (rainy season)
- Advanced trainings on sorting of raw materials, and post-harvest treatments



Proud participants and their crafts - the experience sharing continues through the two groups during the training initiated by the participants (*Sobo Wono* and *Wana Lestari*)

Moving forwards: improving institutional capacities and creating synergies along the value chains

- Targeting to become productive small-scale enterprises as show cases for scaling-up: close facilitation and mentoring for the newly initiated learner groups *Sobo Wono* dan *Wana Lestari*
- The Agency of Industry, Trading and Cooperative: ensuring interconnectivity with other bamboo product makers and facilitating integrated bamboo development strategies supported by local government budget

CIFOR, *Bambubos*, *Haybams*, *Pokdarwis* and *Kenteng Village Government*, Gunungkidul District Tourism Agency:

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