DEVELOPMENT OF PETUNG BAMBOO (Dendrocalamus asper) CLUSTER IN BONDOWOSO, EAST JAVA PROVINCE

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BACKGROUND

Bondowoso regency in East Java province is being develop bamboo for economic welfare and mitigating land erosions. Recent condition of the Watershed in Bondowoso, highly eroded land is about 95,425.32 ha or 74.96% of the acreage of Sampean Watershed of Bondowoso, and only 31,884.07 ha or only 25.04% is in the medium and light eroded condition. Serious handlings should be conducted which is by planting ground cover crops which is able to resist to erosion, one of the species is bamboo.

In the year 2015, Bondowoso plans to develop bamboo because it is believe that they will be able to improve social-economic welfare and will clearly affect on the forest and land conservation pattern at the Sampean watershed areas.

The ideal condition in developing bamboo cluster is that development should be in all directions. At the headwater there are seedlings or clones production, plantations; in the middle stream there are plantation development, community awareness on bamboo plantation development through meetings, workshops, surrounding community empowerment by developing bamboo handicrafts facilitated by local government authorithies and scientists; and at the downstream there are productions and the marketing by building cooperation with the entrepreneurs and related institutions.

OBJECTIVE

Objective of the activity is to develop bamboo cluster in Bondowoso by planting petung bamboo to produce culms and probably young shoots to provide bamboo based industries and development of bamboo by utilizing critical lands along watershed in Bondowoso regency so that it can lessen the arising of critical lands and increase the local public’s income and welfare.

METHOD

Method to be applied is utilizing the what has been established at the head water, middle stream (Plantation development, community awareness and community empowerment) and downstream conditions (Industries).

CONCLUSIONS

- Bondowoso is ready to initiate the development of bamboo cluster program
- Preparation has been initiated on the year 2015, such as workshops, meetings, incorporating the six neighboring regencies to cooperate in the cluster programe, incorporating research institutions.
- Successful implementation on the coffee plantation cluster program will guide to the successful bamboo cluster program

Petung bamboo at KHDTK Sumberwringin, Bondowoso

Tissue culture bamboo plantlets
Source: BNV yogya (Charomaini)