Asia Regional Workshop on Agarwood

Management of Wild and Plantation Source Agarwood

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Department of Forest Plantation and Forest Private Development of Forestry Administration

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I. Species Distribution

- Aquilaria sp.
  - Cambodia found out 2 Aquilaria sp.
    - Aquilaria crassna and Aquilaria baillonii
  - Distribution
    - Aquilaria sp. is still available in the natural forest
  - Status of endangered assessment
    - The species is very rare, value and critical endanger in Cambodia
    - The species is classified in conservation
    - Record into IUCN Red list.

II. Challenge

- Critical endangered species
- Extension limited
- Law enforcement limited
- Lack of fund and technical assist
- Limited human resources
- Poverty
- Poor education
- Rare/Value spp.
- Lack of conservation
- Local and International Market
- Illegal cutting
- Forest plantation Devel. limited

III. Management

- In-situ conservation
  - No inventory, no survey and no data on Aquilaria sp in the natural forest
  - Aquilaria sp. still presented in the natural forest with small amount, especially within Protected Forest and Protected Area.

- Ex-situ planting
  - Family forest plantations
    - Since 2005-2010, millions of trees are planted by family plantations, especially in Koh Kong, Kompot and Preah Sihanouk Province.
    - Plantations will be more increased.

<table>
<thead>
<tr>
<th>No</th>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>1</td>
<td>Kbal Chhay (Preak Tueksap)</td>
<td>Sihanouk Province</td>
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<tr>
<td>2</td>
<td>Central Cardaramon</td>
<td>S.Kong, Pursath, Kom. Speu</td>
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<tr>
<td>3</td>
<td>Southern Cardaramon Elephant Corridor</td>
<td>Koh Kong</td>
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</table>
III. Management

- Monitoring
  - Year 10 forest plantation still no agarwood generation
  - 10 ha forest plantations in Koh Kong pro. treated in order to generate agarwood.

Local application
Putting a liquid media into holes of trees for agarwood generation.

- Specific Objective
  - The application is successful?
- Expected result?

All holes is gradually sealed by nature and Bark with fungiform

III. Management

- Specific Objective
  - The application is successful?
- Expected result?

IV. Non-detriment Finding

- Cambodia processed 49 legal papers (Legislations and regulations) involved in forestry. Some of those papers related NDF such as:
  - Law on Forestry 2002
  - Sub-degree, No 26, dated 25, March, 2008 on Measure to grant user rights to state forest land for tree planting
  - National forest program 2010-2029 (5 Programs), especially program 2 on Conservation and Development of Forest resources and biodiversity
  - No any permit from the natural forest for agarwood production to using and exporting
  - Only just from forest tree plantations is permitted, with ensuring of Local authority in a place and under controlling of expert officials.

IV. Non-detriment Finding

- Field Activities needed
  - Survey, where Aquilaria sp. can be encountered (specific location)
  - Specific In-situ conservation
  - Extension and strengthening law enforcement
  - Private and family forest plantation registered (big, medium and small/family scale)

V. Recommendation

- Tree/Sp. Improvement
  - Research needed (both Aquilaria sp. product agarwood? which one is better?)
  - Technical Assistance needed
    - How to product agarwood (plantation)?
    - Training needed
  - Plantation development
    - Call for national/regional/international partner to develop Aquilaria sp. plantation through sub-degree No26, dated 25, March, 2008
    - Quota
      - Agardwood production from forest plantation no needed quota
      - No any agardwood production from natural forest should be permitted
  - Dissemination/Extension
    - New technology for agarwood generation released and trained…

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Thanks