

# Orchid production in the Lao PDR



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# **Legal concerning Orchids harvesting and trading rules are framing by national Law**

- The National Forestry Law (24 December 2007) N°6/NA
- Wildlife Law (24 Dec 2007- N°7/NA
- NBCA Law
- CITES (Convention on International trade of endangered species) Convention signed by Lao PDR the 01/March/2004,

# Situation of Orchid Production

- The GoL has been working to implement CITES since it became a party to the convention in 2004.
- With technical assistance from IUCN Lao PDR, the Government has identified a Scientific and a Management Authority and put in place a *National Wildlife Law* (revised in 2008), as per the requirements of the convention.



- In Lao PDR, 85 genera and 397 species of Botanical Orchids have been identified so far.
- At present more than 700 living samples of species collected in various localities in Lao PDR are being cultivated at NUoL.



# *Propagation status*

- In Lao PDR, a limited number of species are temporarily cultivated in huge nurseries and/or commercial nurseries;
- A limited number of species are also propagated through tissue culture (almost all occurring at NUoL).
- At NUoL, two solid culture mediums and one liquid culture medium were used and 26 wild orchid species were tested for in-vitro propagation.





- Two species (*Rhynchosstulis gigantea* and *Vanda brumea*) were well generated in plantlets and well developed in potting mixture in the orchid nursery.
- Some seedlings are kept at the orchid nursery of Faculty of Science, NUoL.
- Up until now, all samples were well developed and some seedlings were kept at the nursery of the Biotechnology Center, Vientiane.

# Recommendation

- Strengthening on Capacity building on human resource development on orchids as well as figure and quality.
- Enhancing to set up demonstration plots for orchid cultivation and propagation.
- Cooperation with others ASEAN member countries.

**Thank You**