

Indonesia views on sustainability and traceability of Python-skin: Current practice and proposed improvement



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Introduction

- *Python reticulatus* first listing on appendix II under *Python spp* in 1975
- Since listed → 5 countries reported as the origin of *Python reticulatus* specimens, especially skin → Indonesia, Malaysia, Vietnam, Thailand and Singapore (source trade database WCMC)
- The most exporters : Malaysia (162,000 pcs) and Indonesia (157,500 pcs).



Python Skin Source

1. Reticulated Python

Python reticulatus

2. Short-tailed Pythons

Python curtus

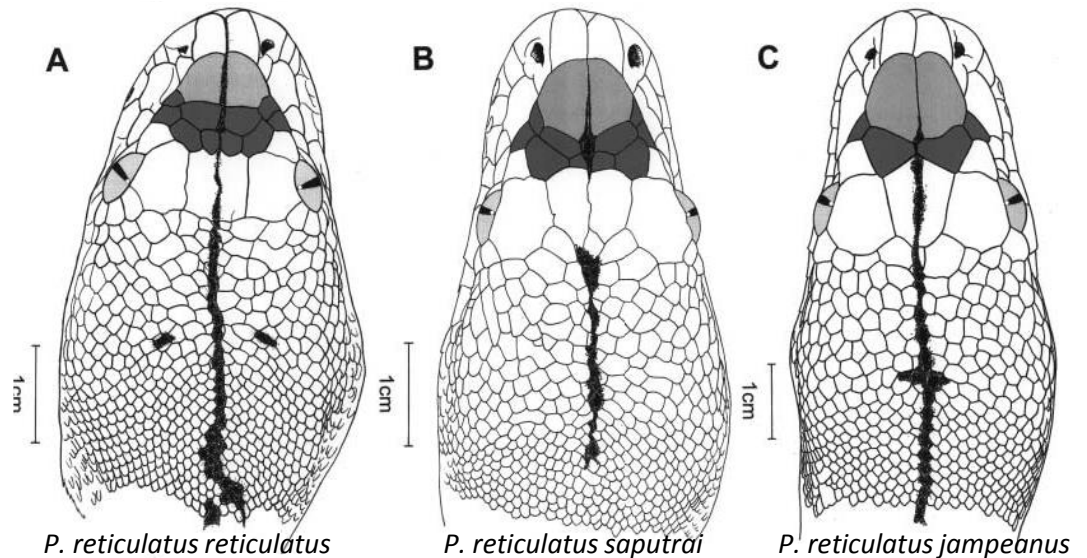
Python brongersmai

Python breitensteini

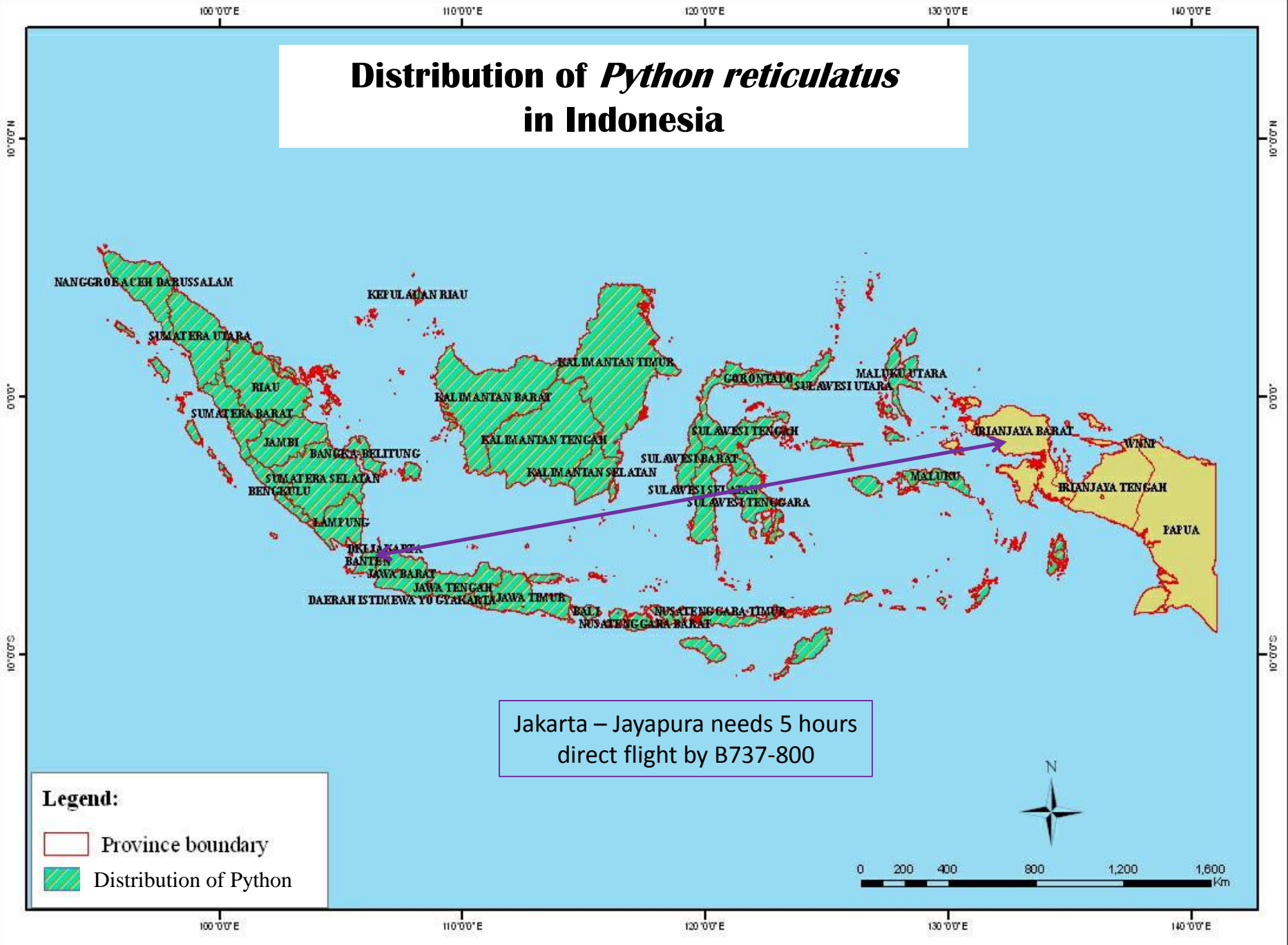


Indonesian Reticulated Python

- *Python reticulatus reticulatus*
- *Python reticulatus saputrai*
- *Python reticulatus jampeanu*



Distribution of *Python reticulatus* in Indonesia



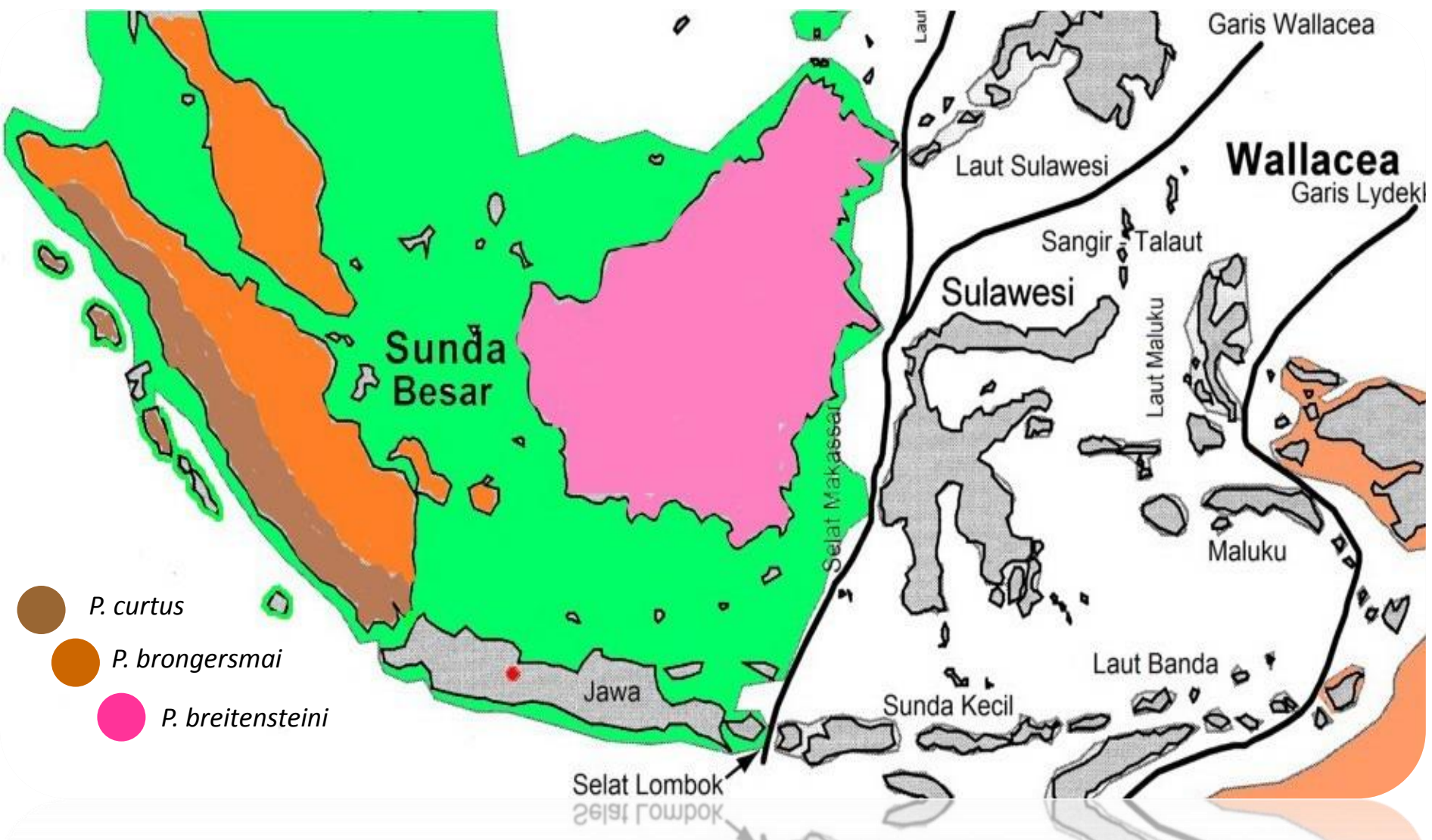
Jakarta – Jayapura needs 5 hours direct flight by B737-800

Legend:

- Province boundary
- Distribution of Python

0 200 400 800 1,200 1,600 km

Short Tailed Python Distribution in Indonesia

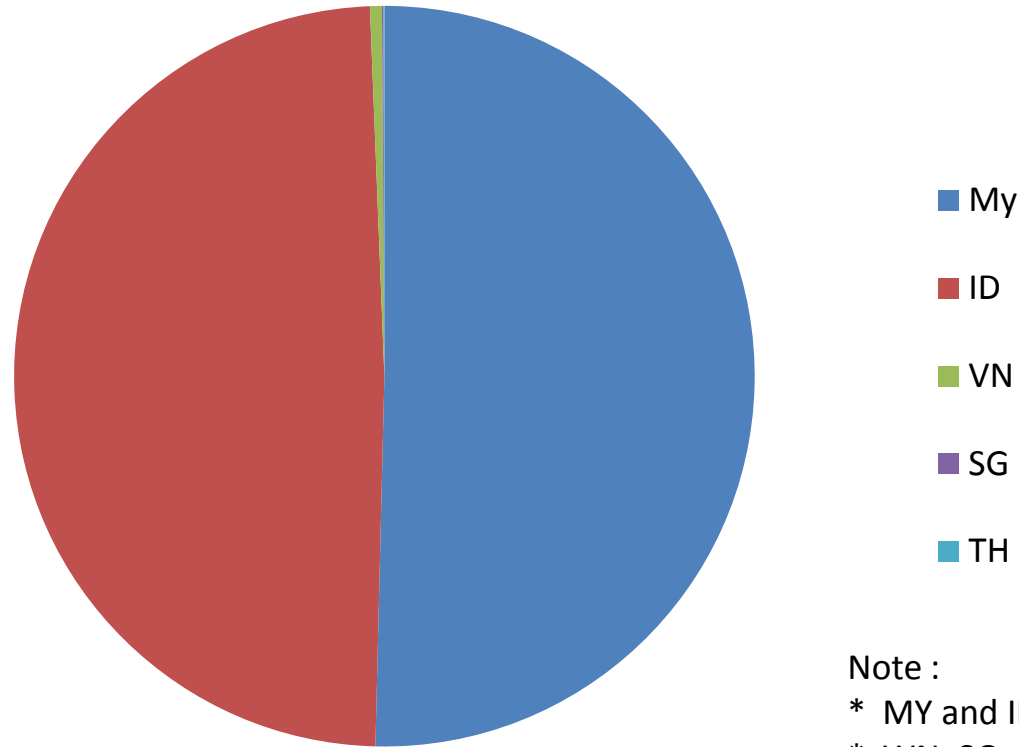


National Legislation to Implement CITES

- Act No 5/1990 concerning Conservation on Biodiversity and Its Ecosystem
- Government Regulation No 7/1999 concerning Preservation on Wild Flora and Fauna
- Government Regulation No 8/1999 concerning Utilization Management on Wild Flora and Fauna
- Government Regulation No 13/1994 concerning Hunting Management
- Ministry of Forestry Decree No 447/2003 concerning Harvest and Trade Management of Wild Flora and Fauna
- Ministry of Forestry Regulation No. P.19/Menhut-II/2005 concerning Captive Bred Operation on Wild Flora and Fauna
- Ministry of Forestry Regulation No P.52/Menhut-II/2006 Wild Flora and Fauna Exhibition
- Ministry of Forestry Regulation No. P.53/Menhut-II/2006 concerning Ex- situ Conservation (Zoo, Botanical Garden etc).



Trade Data of Python Skins



Exporting Countries of Python skins
Source : WCMC data 1984-2011

Note :

- * MY and ID based on Quota
- * VN, SG and TH based on the pcs have been export



The Comparison of Skins Resources Among The Origin Countries

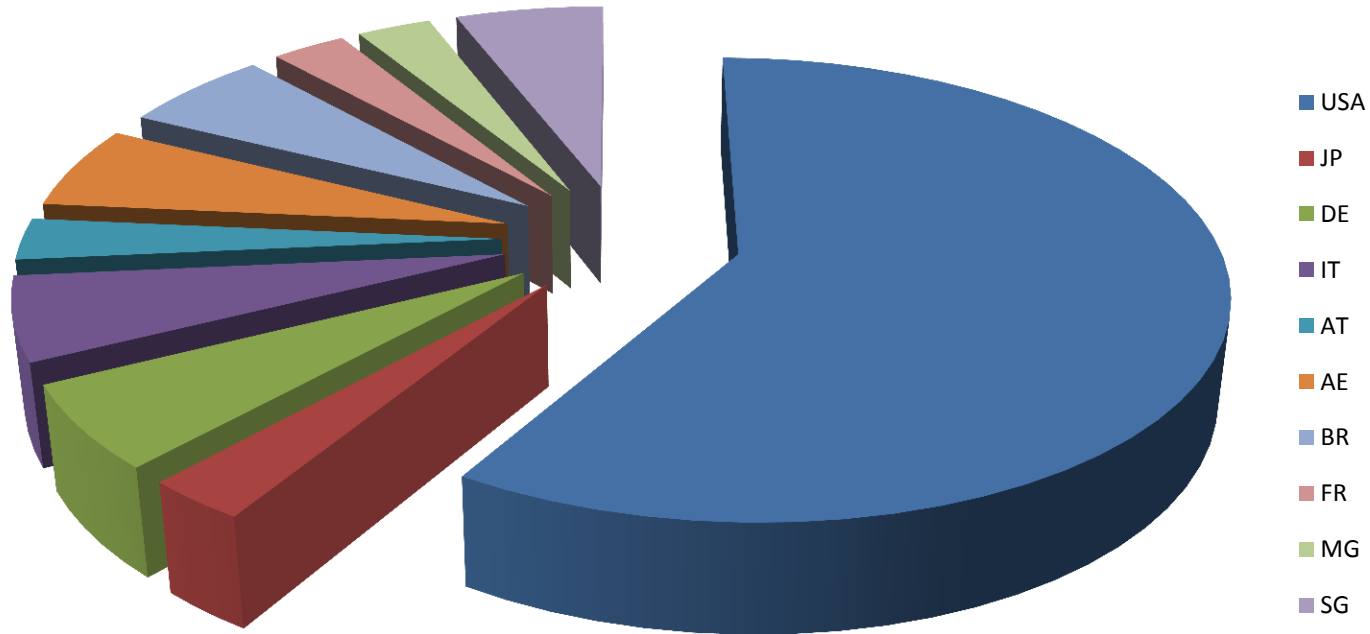
The Origin Counties	Areas of Terrestrial (Km2)	% of Indonesia area	Annual Export Quota/the biggest Volume of export (Wild)
Indonesia	1,992.570		157,500
Malaysia	239,750	12.03	162,000
Singapore	697	0.03	213
Vietnam	329,560	16.54	1,670
Thailand	514,000	25.80	125

Source: Wikipedia and WCMC Species Trade database 1984-2011



Trade Data of Python Skins

(based on Frequencies of Export and Import)

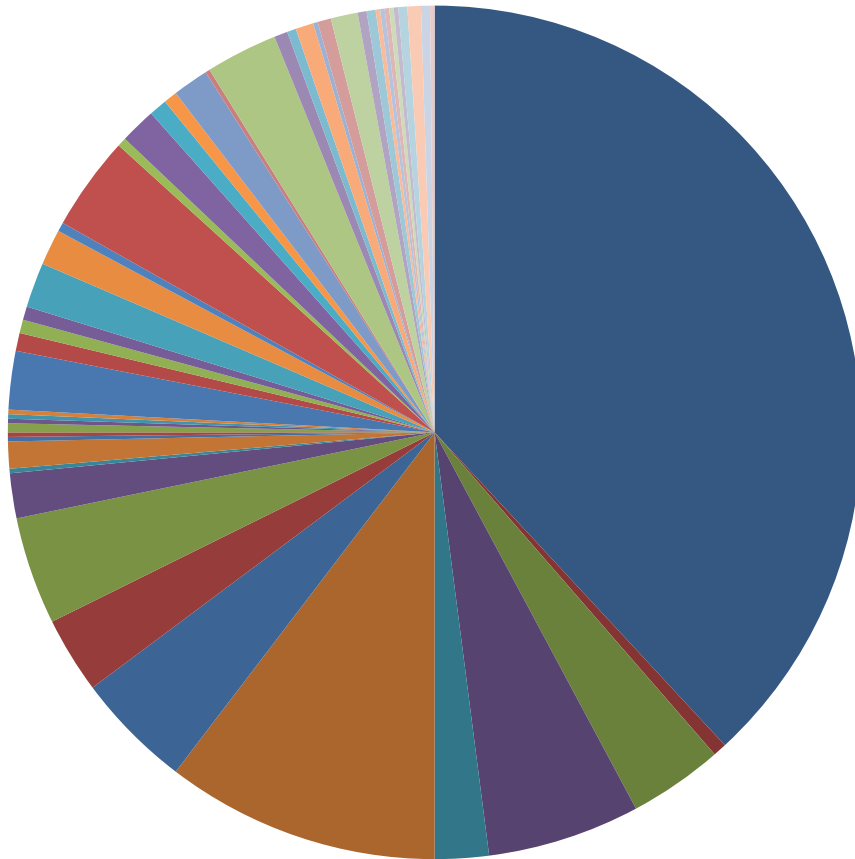


Importing Countries of Indonesian Python skins

Source : WCMC data 1984-2011



Trade Data of Python Skins

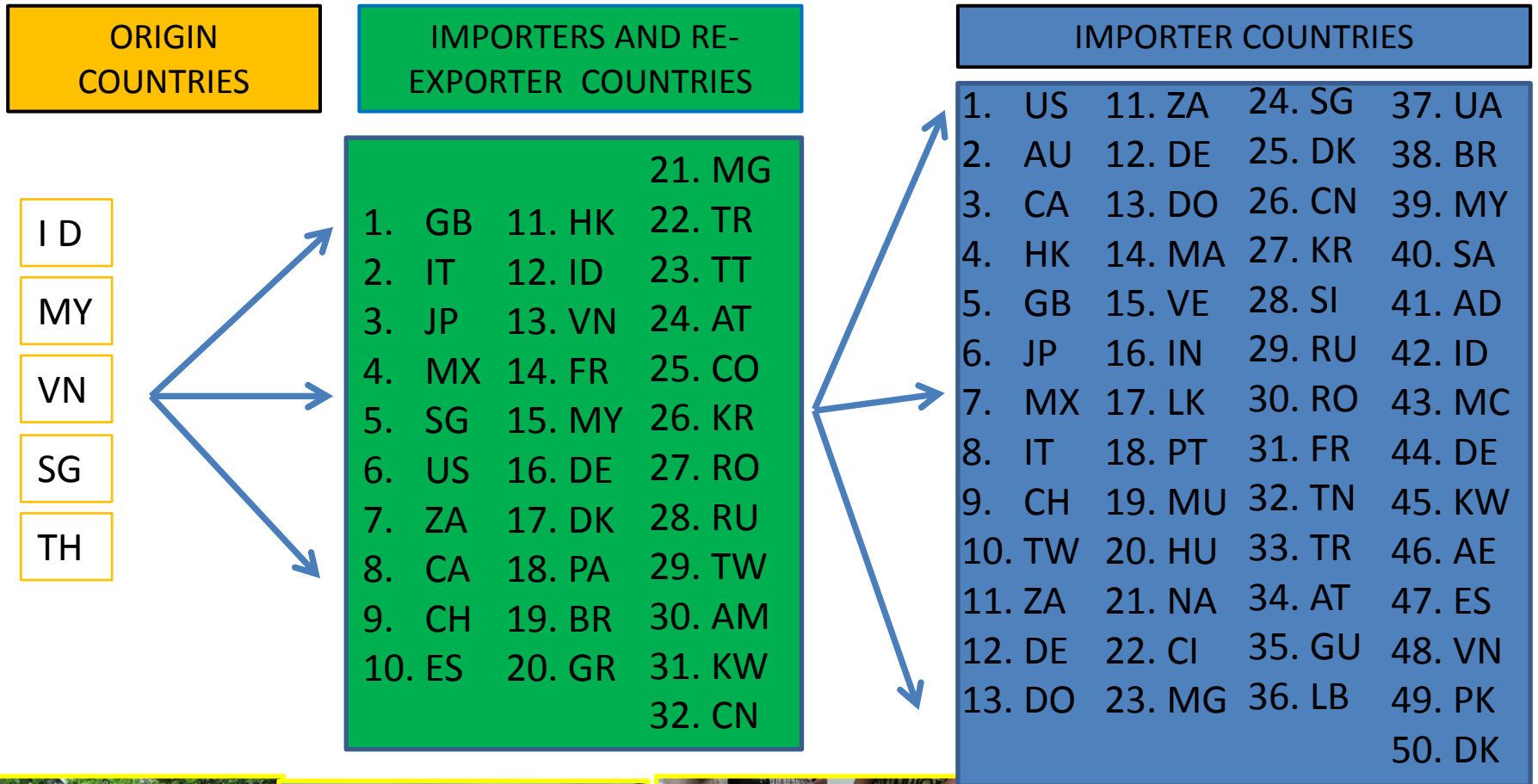


- US AU CA HK GB JP MX
- IT CH TW ZA DE DO IN
- VE MA LK PT MU HU NA
- CI MG SG DK CN SI KR
- RU RO FR CS TN TR AT
- GU LB UA BR MY SA ID
- KW VN PK DK ES MC AE
- AD

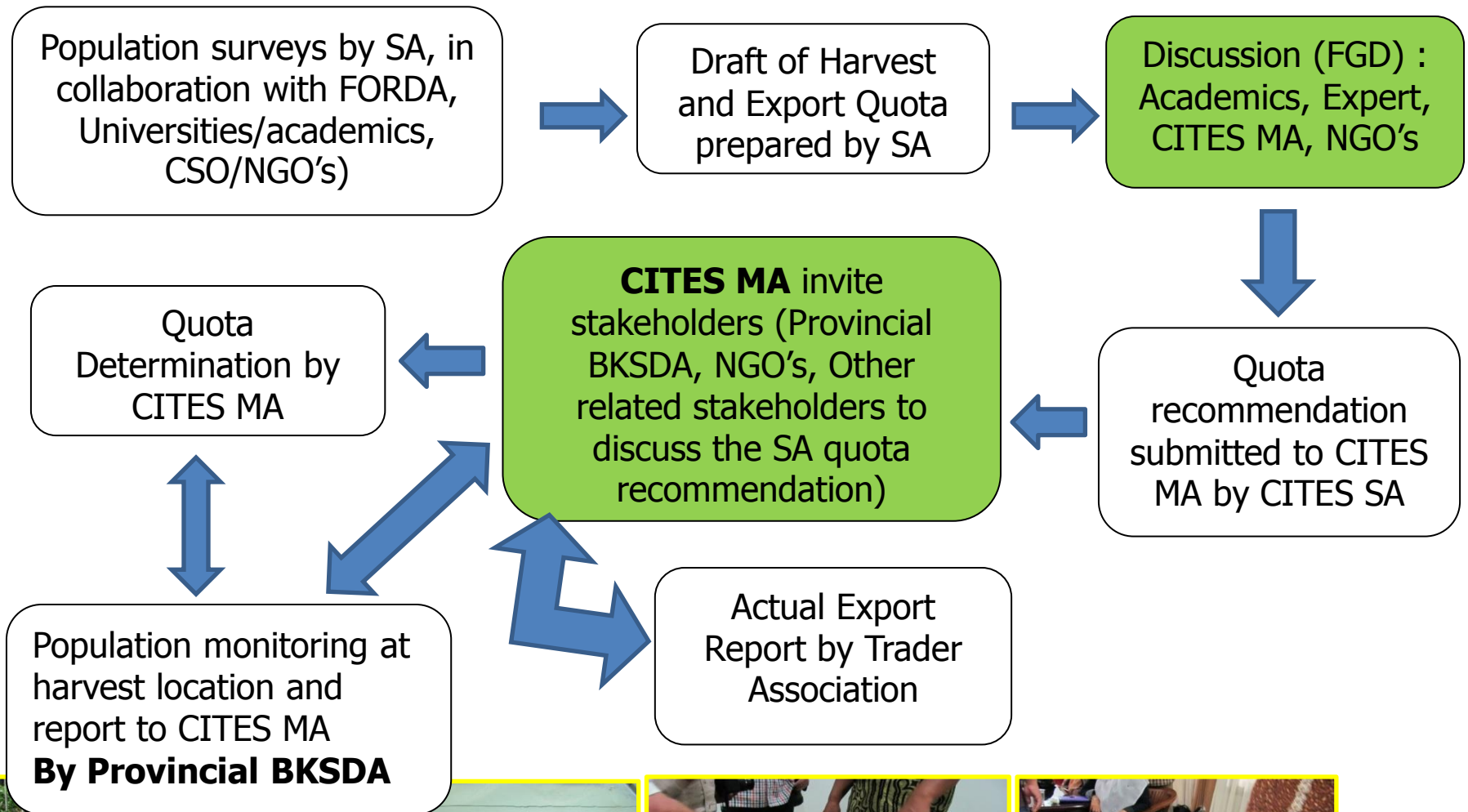


Trade data of Python Skins

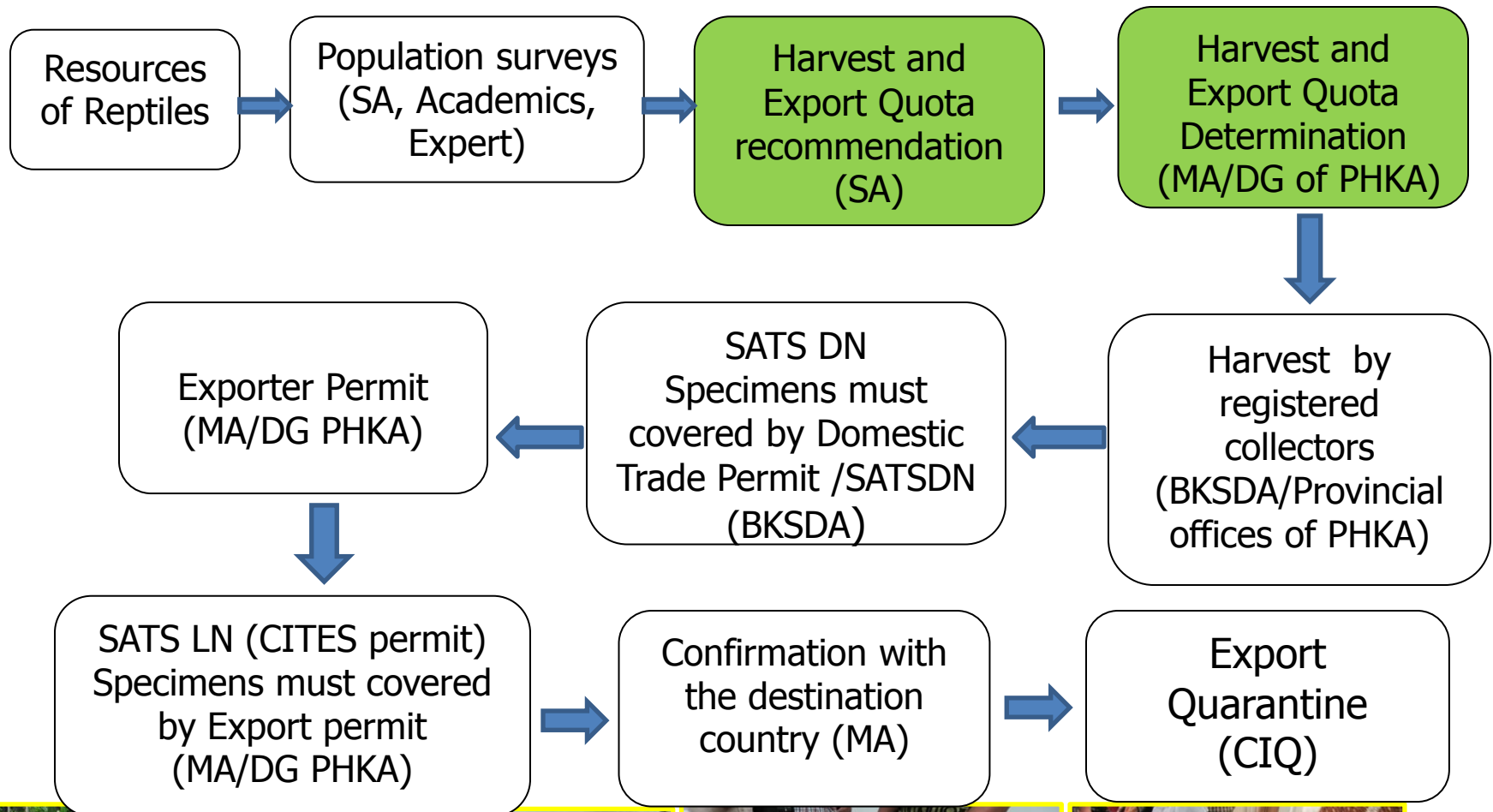
Python Reticulated Trade



Ensuring Sustainability (The basis on which NDF is made)



Ensuring Traceability (Harvest and Trade Management)



Ensuring Traceability Sticker Control System

Sticker contains :

1. Logo of Ministry of Forestry (CITES MA)
2. Year of export quota
3. Species Code
4. The number of skin piece (related with Quota)





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Ensuring Traceability

Marking/Tagging for Python Skins

The Facts :

- Indonesia has used tagging for Crocodile skins (both *Crocodylus porosus* and *C. novaeguineae*)



Orange tag is for domestic trade management (both for *C. porosus* and *novaginea*)
Yellow tag is for *C. porosus* export
Blue tag is for *C. novaginea* export

Ensuring Traceability

Marking/Tagging for Python Skins

The Facts :

Different character between Crocodile skin and Python skin,

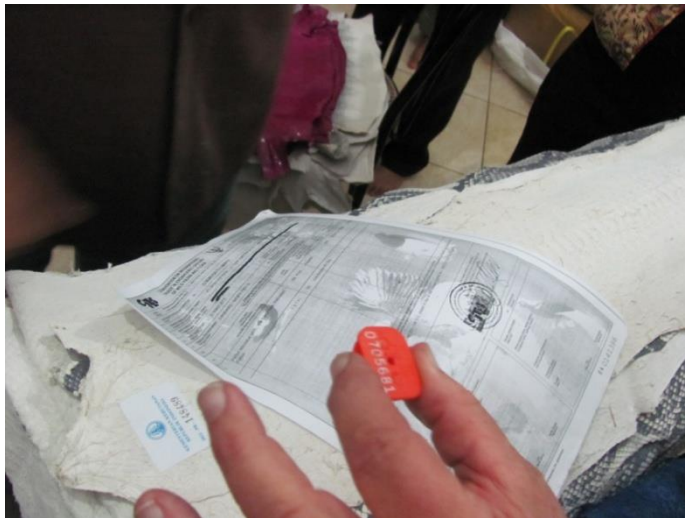
- Python skin is thinner than Crocodile one,
- Python skin is wrinkled in tanning process.
- The tagging uses for Crocodile skin (as shown below) may incise Python skin in tanning process.



Ensuring Traceability

Marking/Tagging for Python Skins

- A thin and small button tag style might be suitable to Python skin → will not incise the skin during tanning process and removing tag is difficult
- Another System??
- system → easily implemented; implemented evenly and thoroughly among parties; costless



What and which should be improved ?

- The importance to be improved →
 - tagging/marking/labelling that will not destroy snake skin during tanning process
 - Test directly on the tanning process to know-how impacts to the skin during tanning process
 - efficient and effective implementation
- Indonesia cooperation can be assured on the development and implementation of the traceability system
- All initiatives should be in-line to produce one proposal/ initiative agreeable by all stakeholders
- Importance roles of national researchers and experts
 - More surveys/studies
 - Reducing financial barriers



Conclusions

- Traceability → trace, trust
- Need commitment, need acceptance → globally, all stakeholders
- Avoid ambiguity on meaning, implementation
- Avoid too many systems to be implemented by parties
 - CITES mechanism has already in the place
 - Parties, esp Indonesia, has presented and implemented country's traceability system
- System should be : simple, easy to understand, easy to implement, costless, for everyone all over the world



Thank you Terima kasih

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