

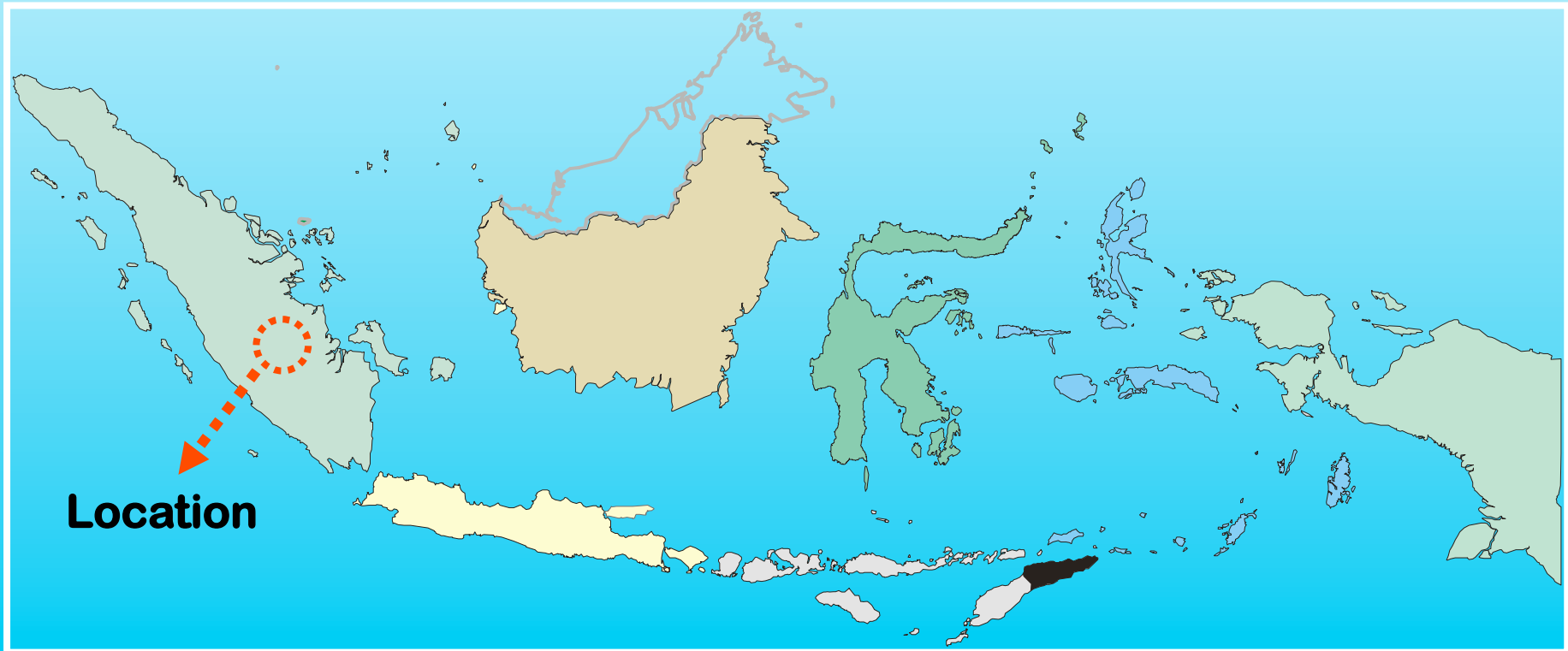


Conserving and Restoring Forest Habitat
in Production Forest:
Harapan Rainforest

Biodiversity Conservation in Human Influenced Areas
ITTO/IUCN/JICA Yokohama, June 15th, 2010



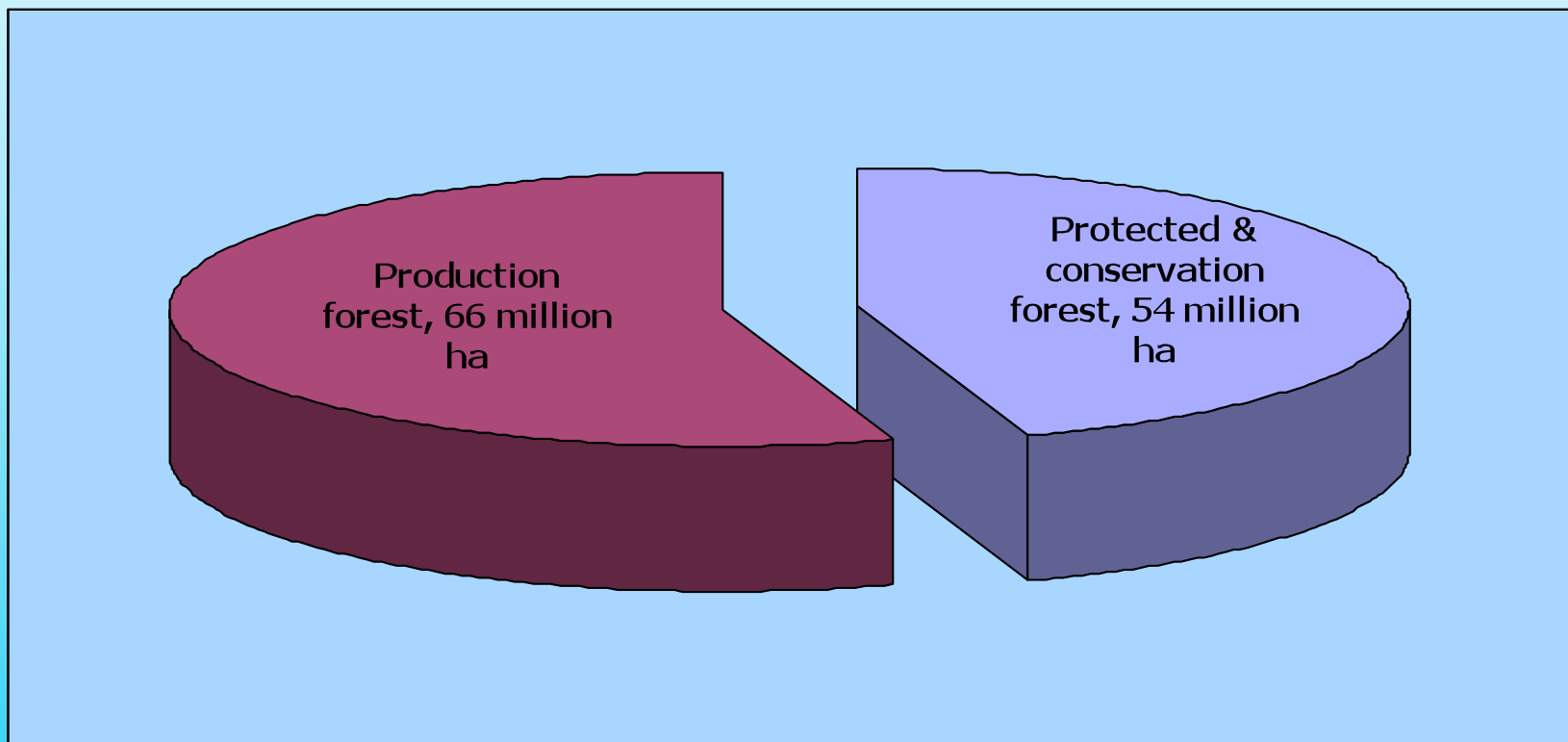
Harapan Rainforest Sumatra, Indonesia



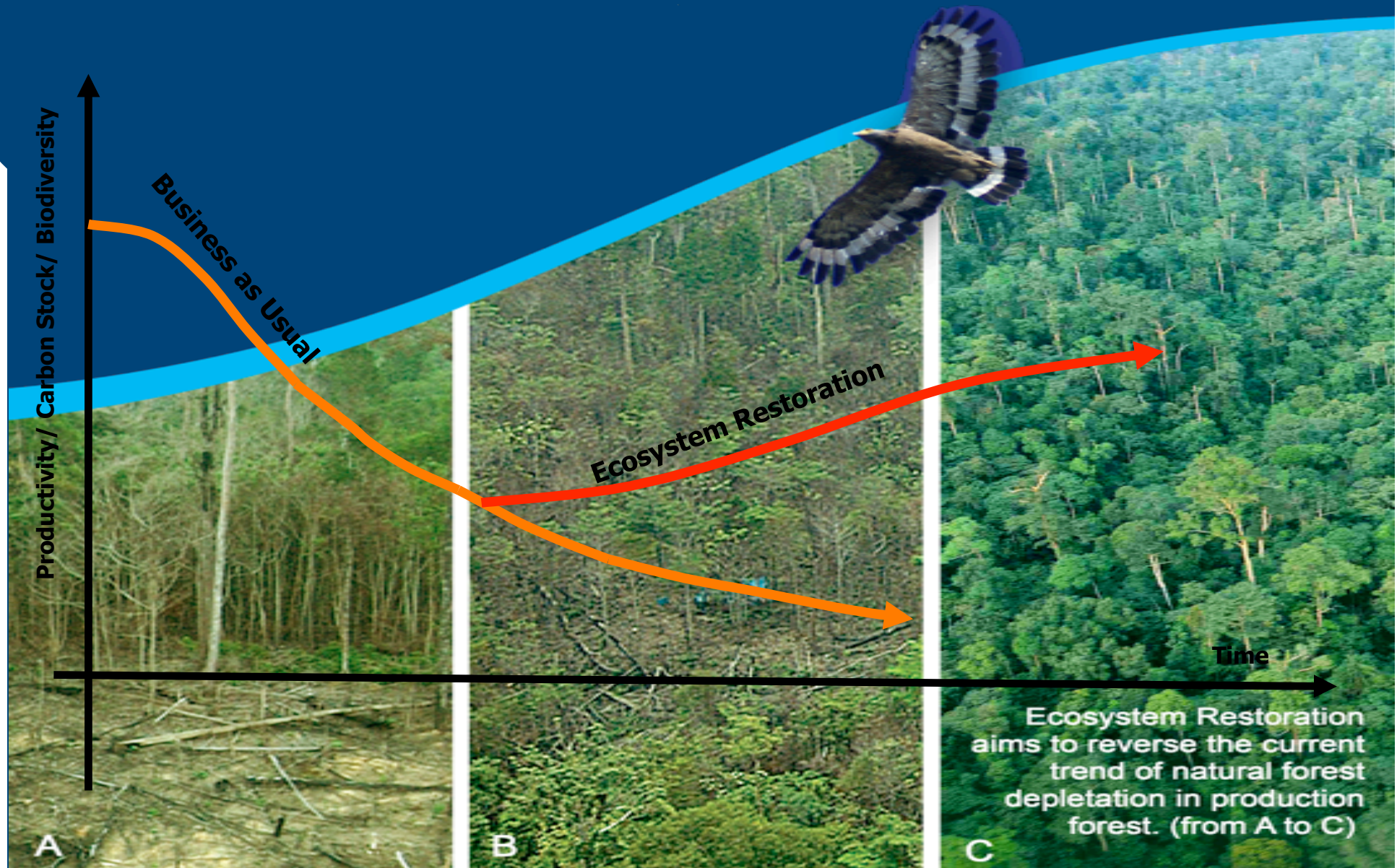
Location

Indonesia's State Forest:

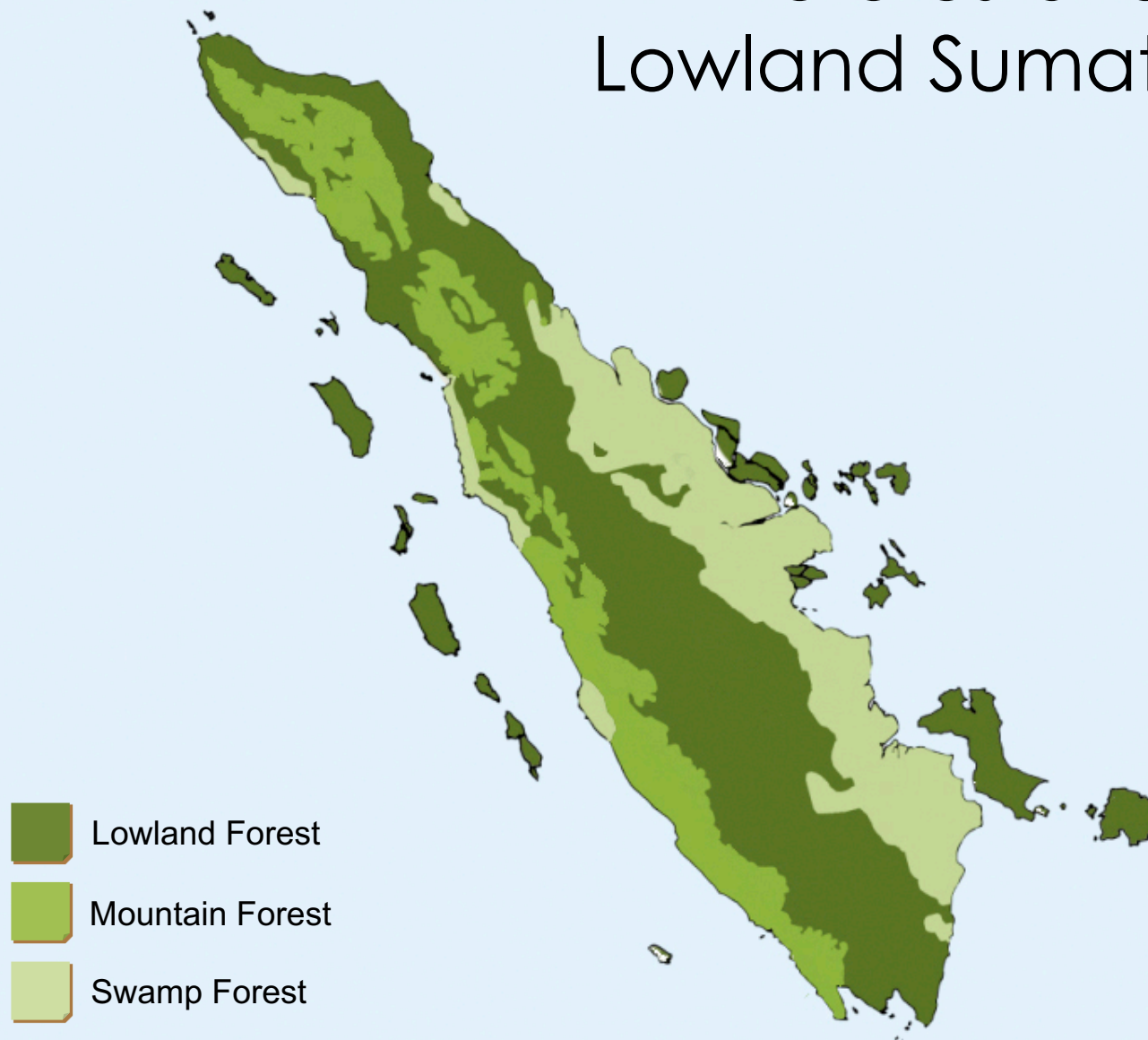
120 million ha



Reverse the trend of forest depletion



Deforestation: Lowland Sumatra

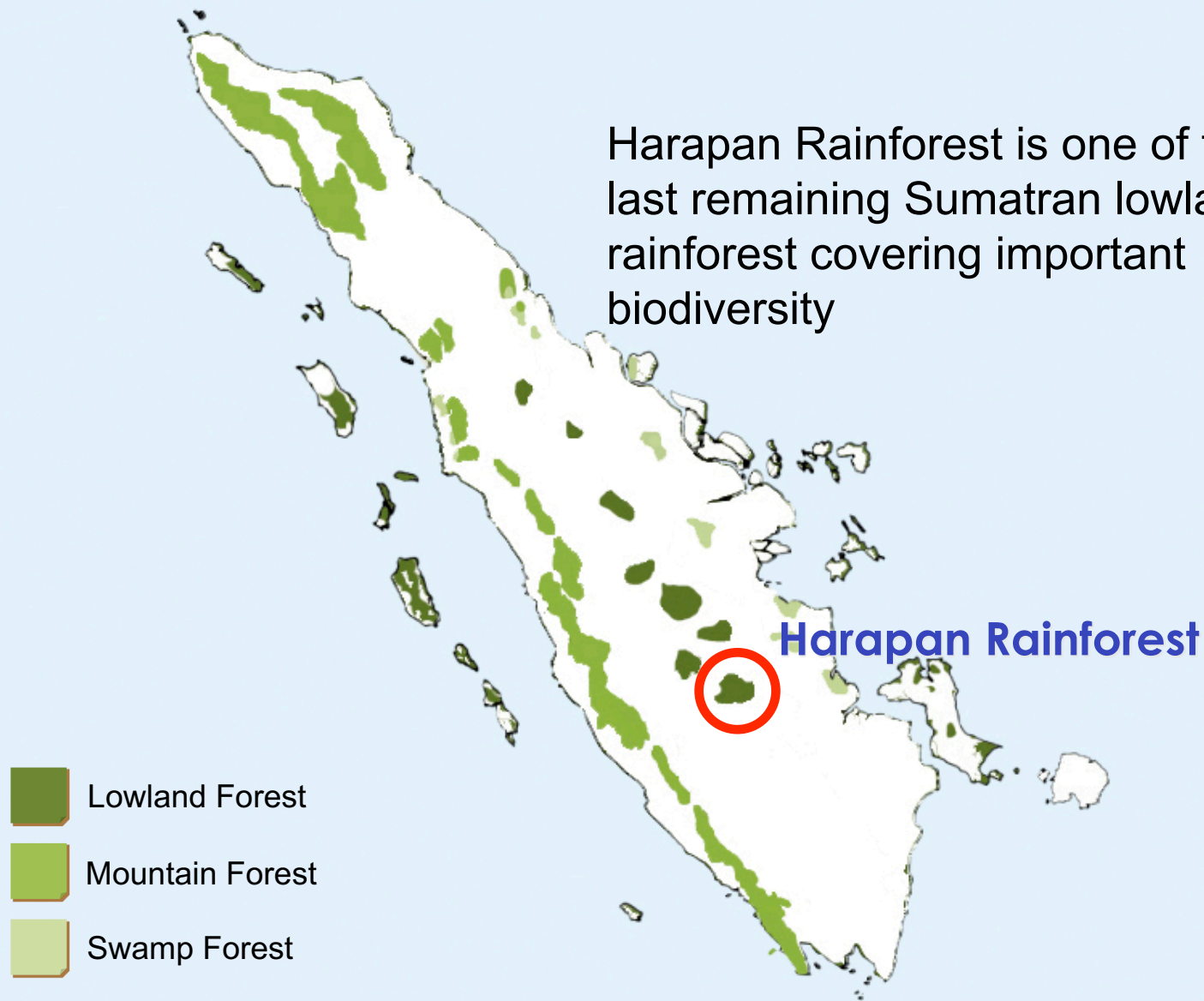


-  Lowland Forest
-  Mountain Forest
-  Swamp Forest

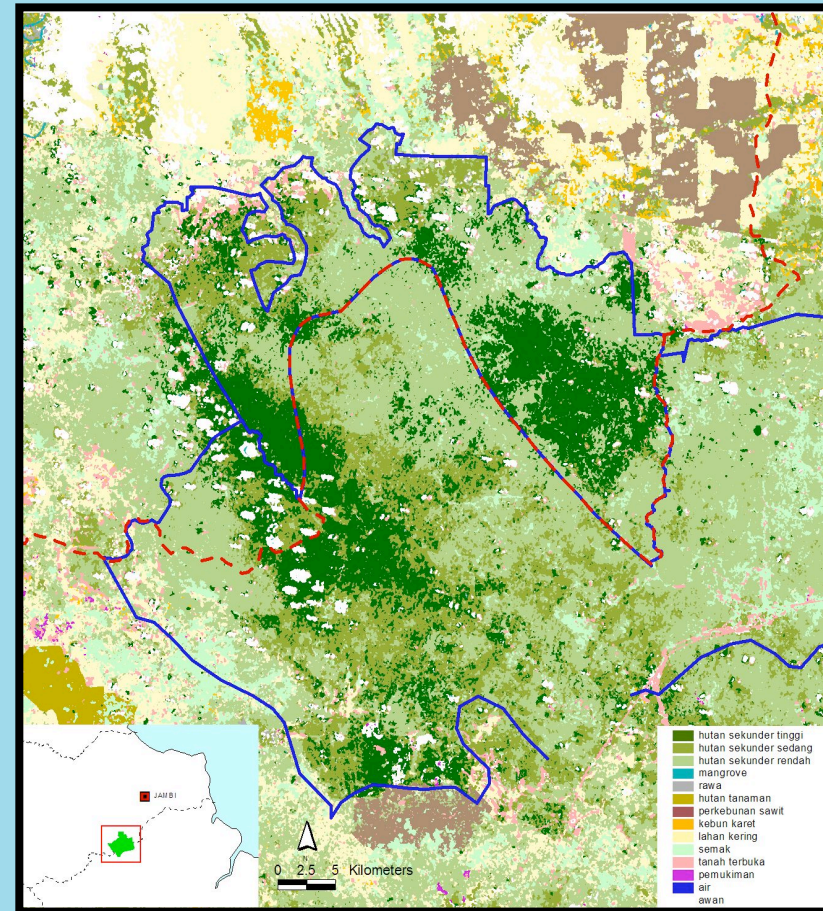
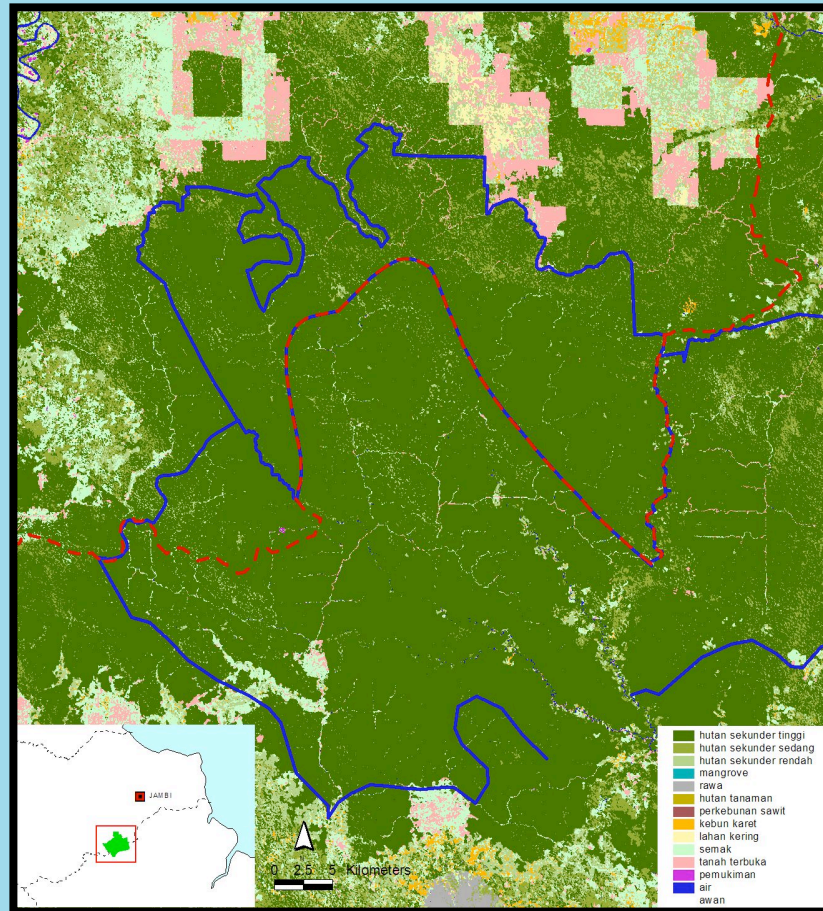


- Lowland Forest
- Mountain Forest
- Swamp Forest

Harapan Rainforest is one of the few last remaining Sumatran lowland rainforest covering important biodiversity



- Lowland Forest
- Mountain Forest
- Swamp Forest



DEFORESTATION 1989 –2002 in Southern Sumatra Province:
Jambi and South Sumatra

Biodiversity



- 293 species lowland birds.
- 55 mammal species including 7 cat species and 5 primates.



- At least 25 amphibian and 38 reptile species, including the Endangered Spiny Turtle



- High diversity of plants, including the vulnerable Bulian, the Iron Wood tree

- **Total globally threatened species: 37**
- **Total globally near threatened species: 80**

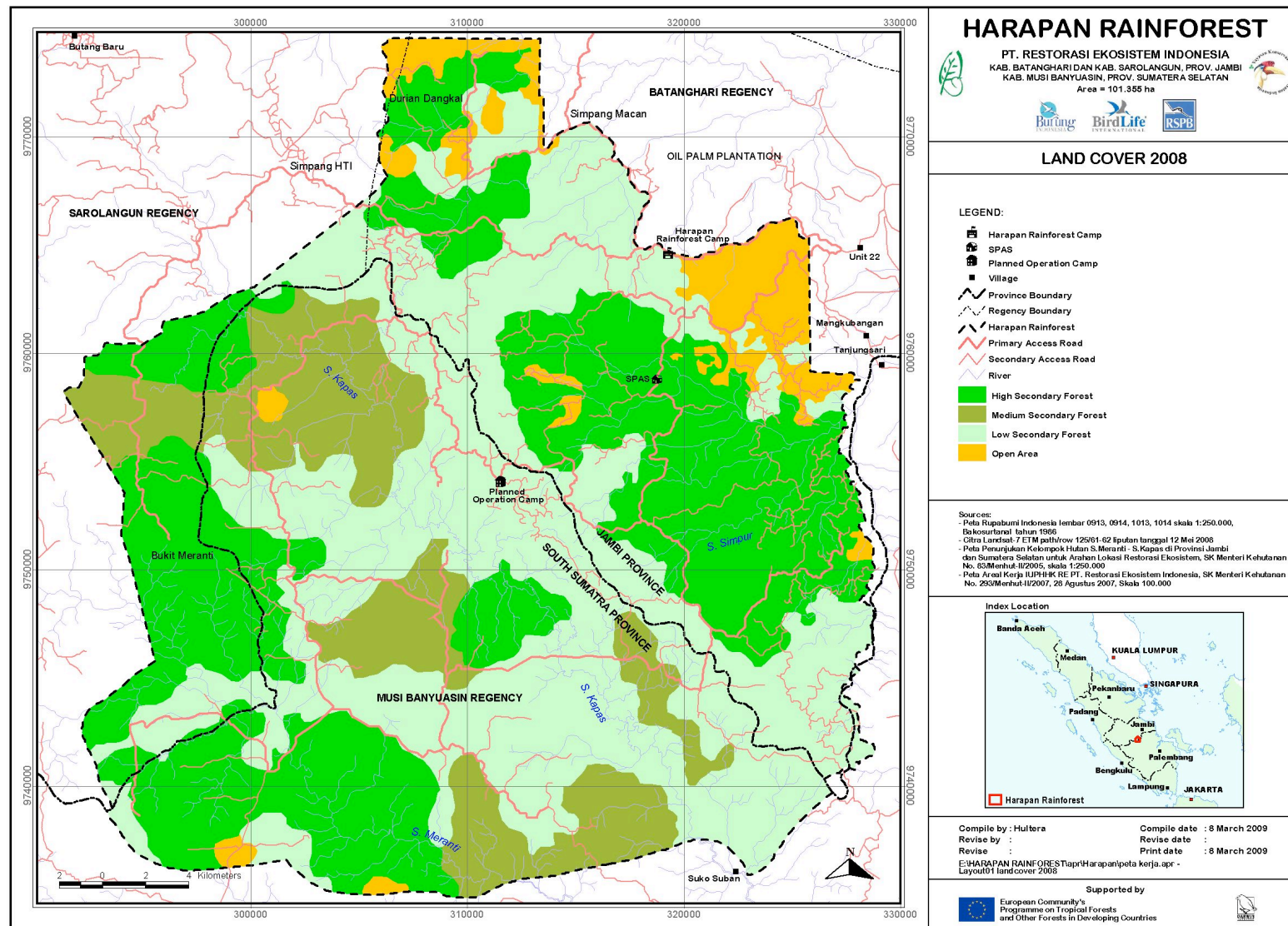


Concession for Ecosystem Restoration: 100,000 ha (52,300 ha + 46,300 ha)

- Forestry Concession for 60 years (+ 35 years);
- Logging moratorium during restoration;
- Management for rehabilitation, conservation, and sustainable use of forest resources;
- Inclusive concession rights for environmental services, non-timber forest products, and other forest area utilization purposes

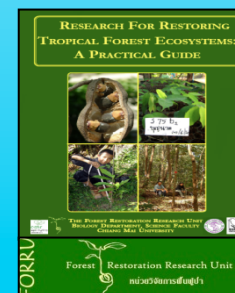


Harapan Rainforest: The first ecosystem restoration concession



Long term objectives

- To avoid deforestation
- Create a viable and healthy ecosystem
- A productive landscape in the region
- Become the knowledge provider
- Multi-stakeholder participation
- Self financing



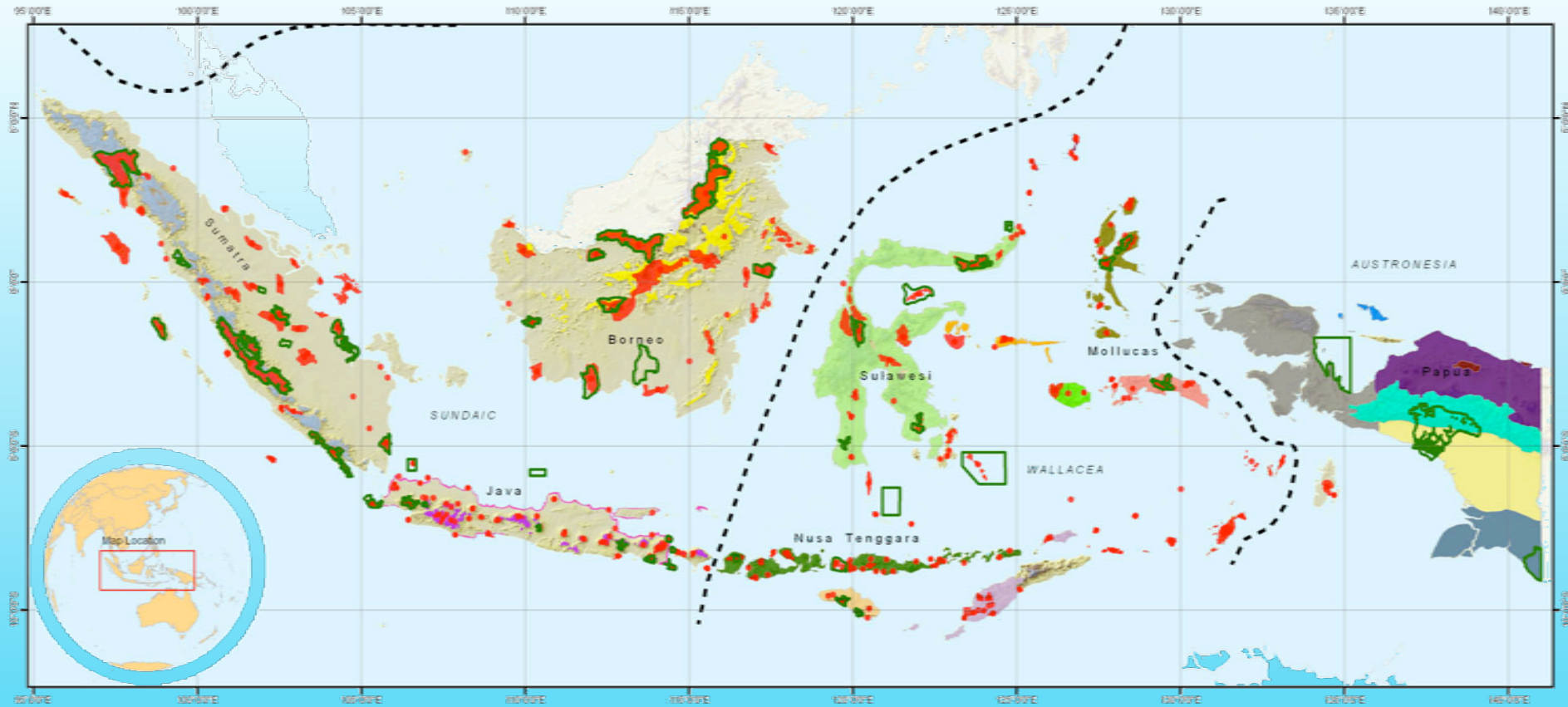
Management focus

- Protection of forest area
- Concession boundary and infrastructure development
- Local community participation
- Enrichment planting
- Assisted natural regeneration
- Sustainable non timber utilization
- Corridor and habitat management



Challenge & Opportunity: Replication

- Policy support by government
- Large extent of suitable production forests for restoration is available
- To demonstrate real benefit of non-timber based business businesses
- Developing innovative financing models
- Important but vulnerable biodiversity in Wallacea regions



**Endemic Bird Areas,
Important Bird Areas
&
National Parks
INDONESIA**

Legend

- - - bio-region boundary
- Important Bird Areas
- National Parks



Endemic Bird Areas

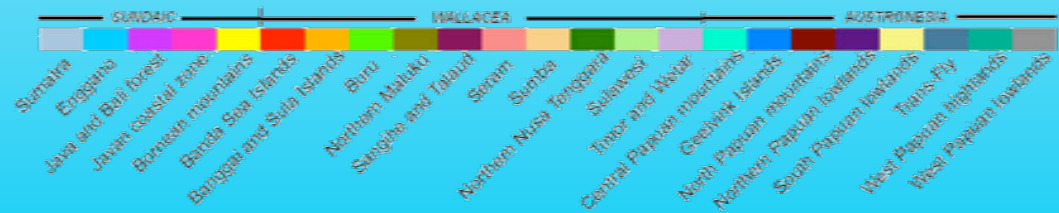


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Terimakasih banyak
有難うございます。

Rhinoceros hornbill
(*Buceros rhinoceros*)