

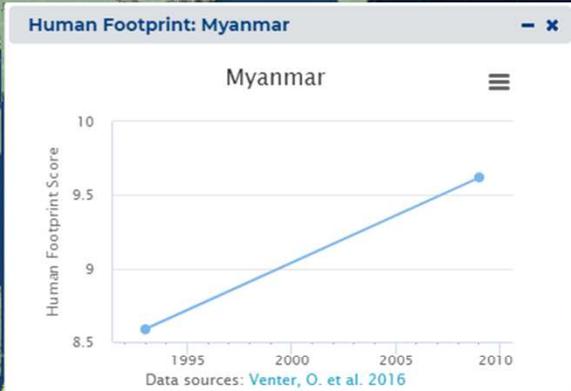
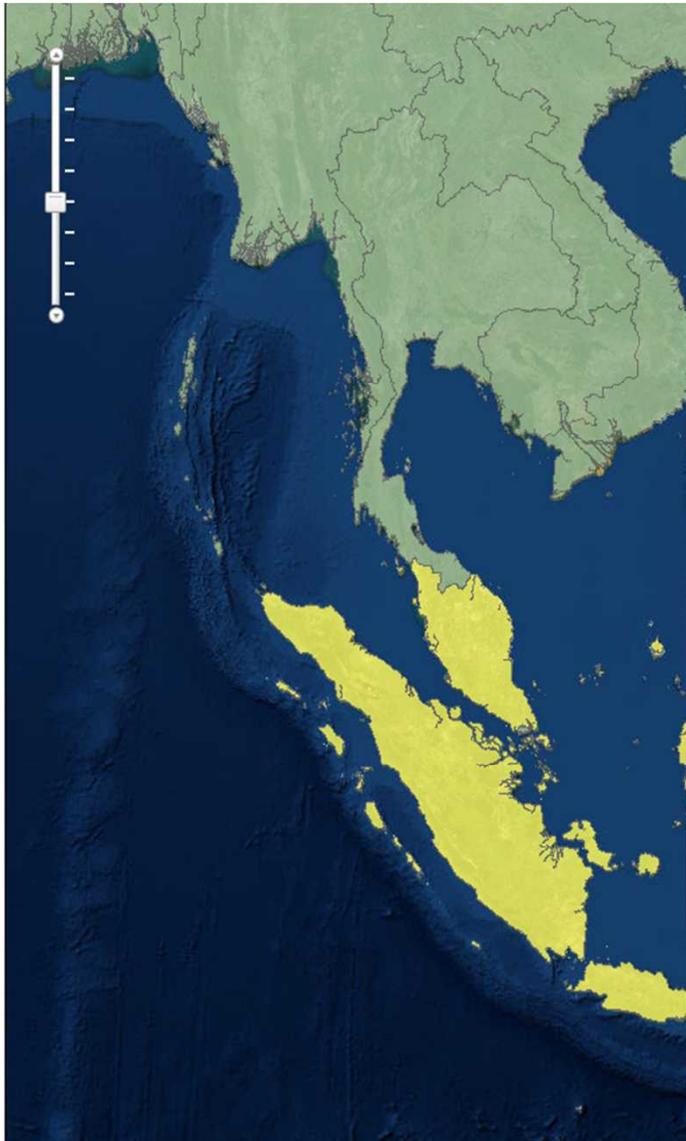
# Updates from ASEAN Centre for Biodiversity

Progress\* of implementation of some  
Aichi Biodiversity Targets in the ASEAN Region

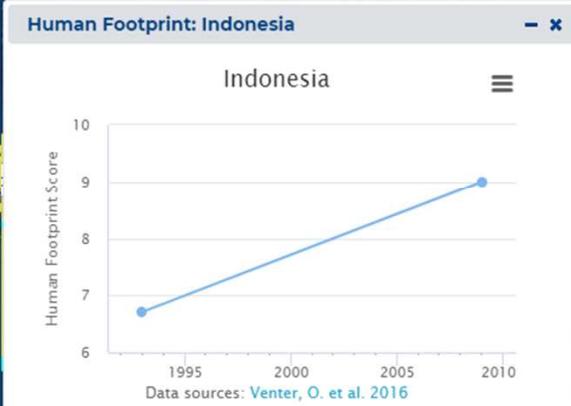
\*3 AMS have submitted 6NR to the CBD

# Background:

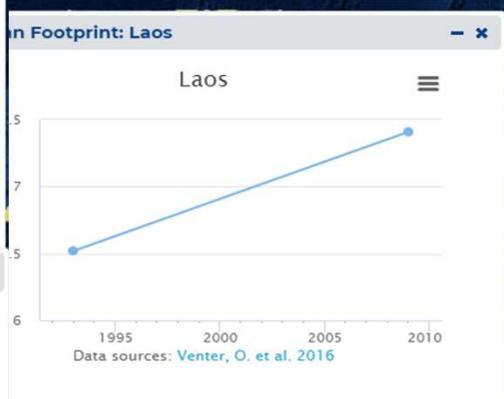
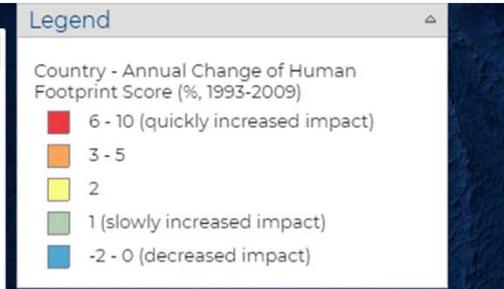
- **ACB is an IGO tasked to facilitate and coordinate among AMS and partners on the conservation and sustainable use of biological diversity, and the fair and equitable sharing of benefits arising from the use of such resources**
- **Prepares the ASEAN Biodiversity Outlook**
- **Only 3 AMS have submitted their 6NRs**
- **Analysis is based in global datasets**



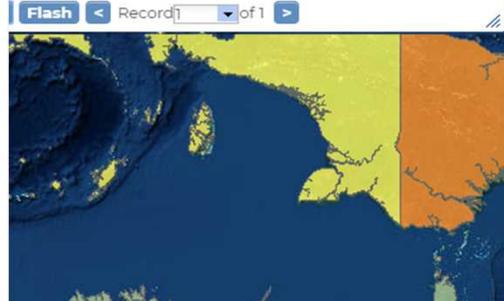
The human footprint score was 9.62 in 2009, and 8.59 in 1993. The average annual rate of change is 0.71%.  
[Read full metadata](#)  
 The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.



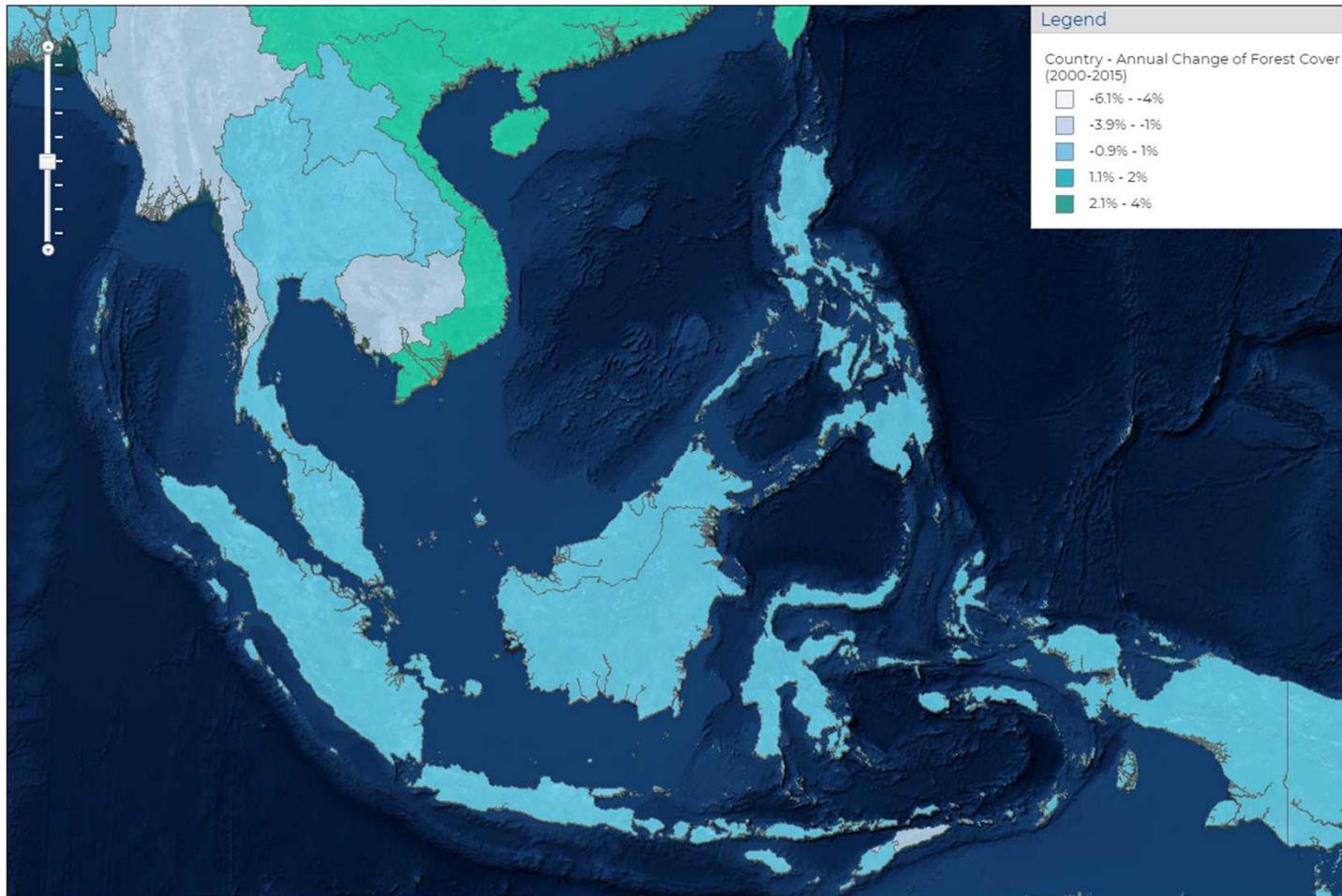
The human footprint score was 9.00 in 2009, and 6.71 in 1993. The average annual rate of change is 1.85%.  
[Read full metadata](#)  
 The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.



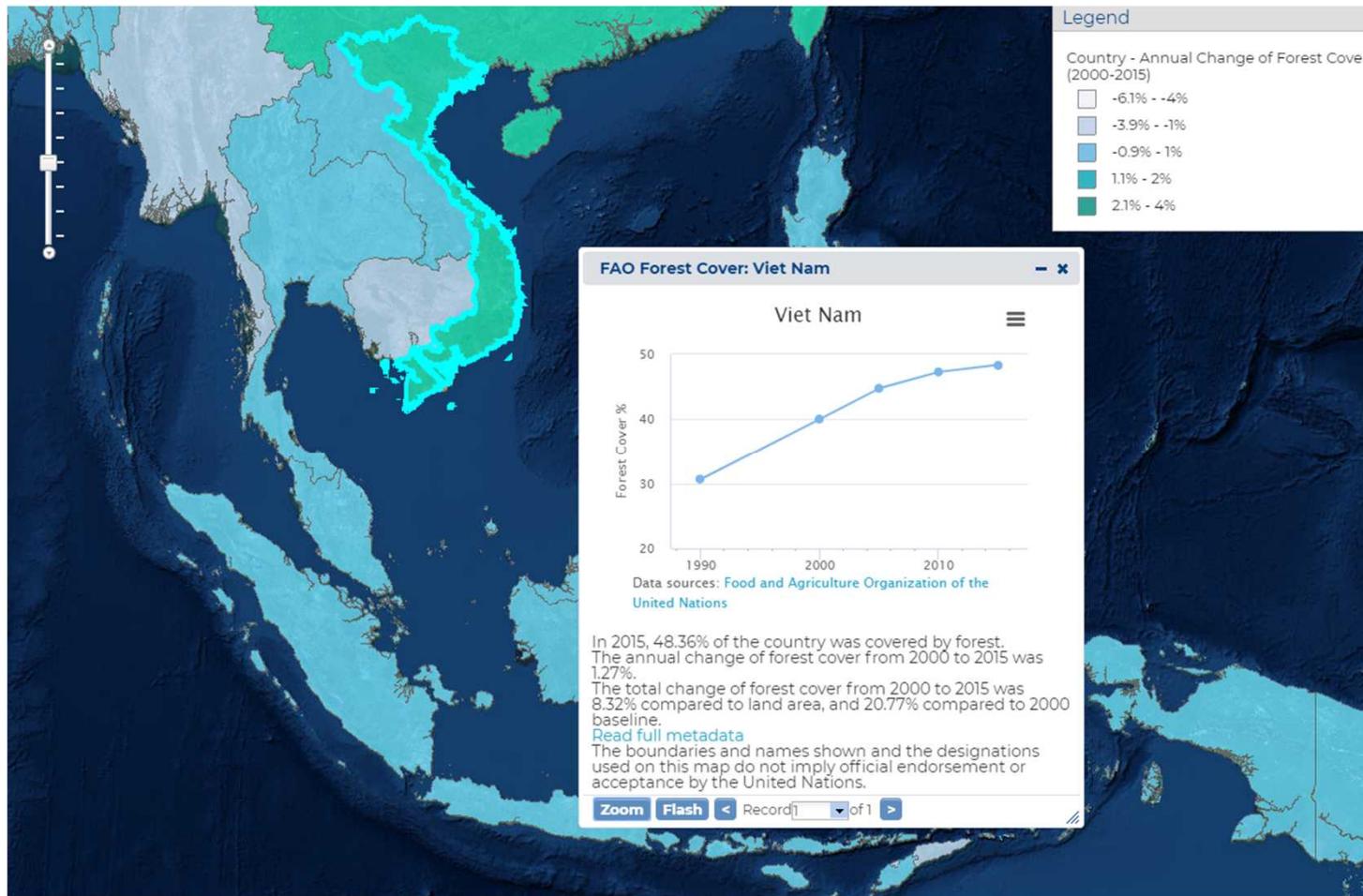
The human footprint score was 7.41 in 2009, and 6.52 in 1993. The average annual rate of change is 0.81%.  
[Read full metadata](#)  
 The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.



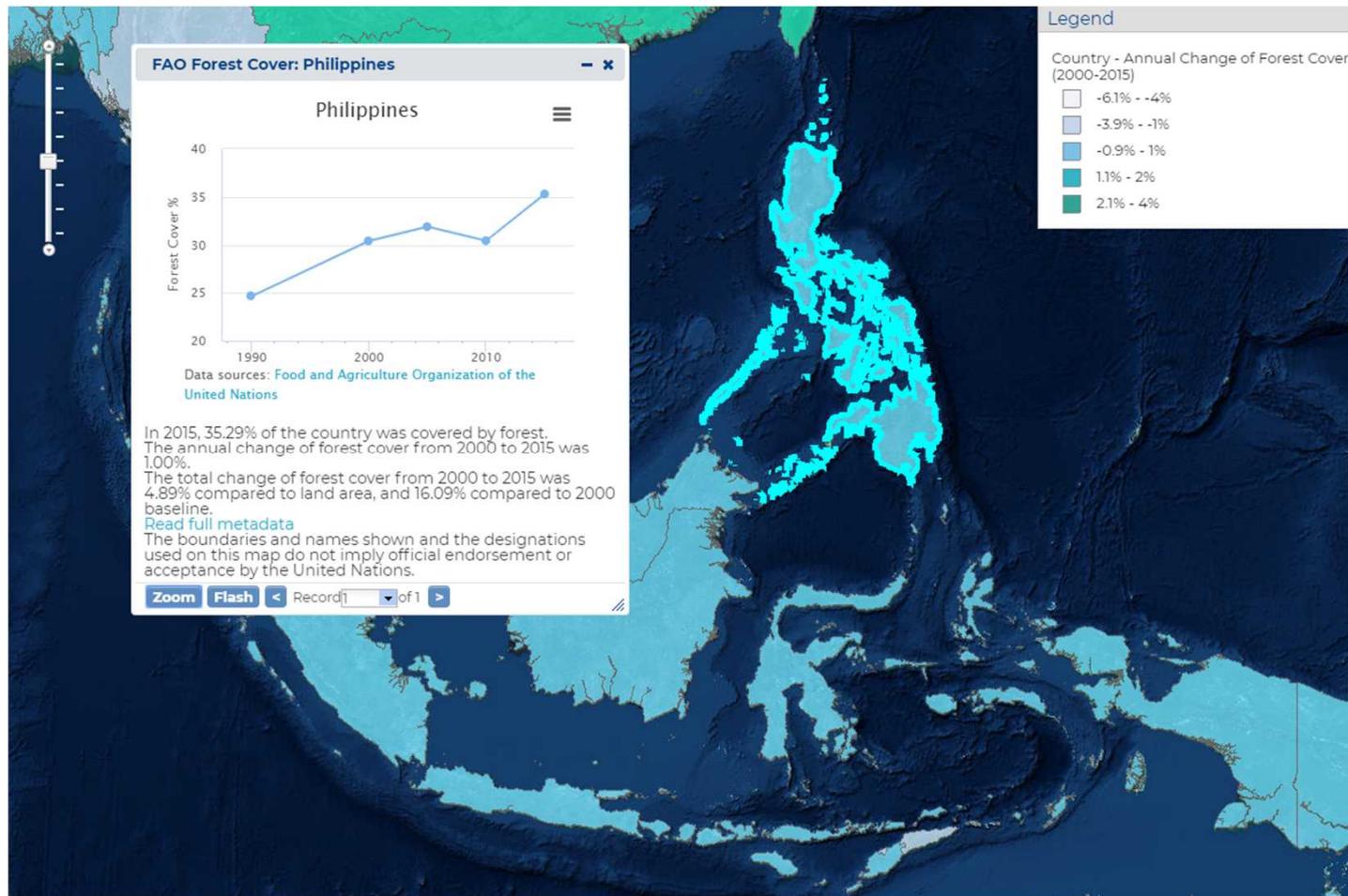
# TARGET 5



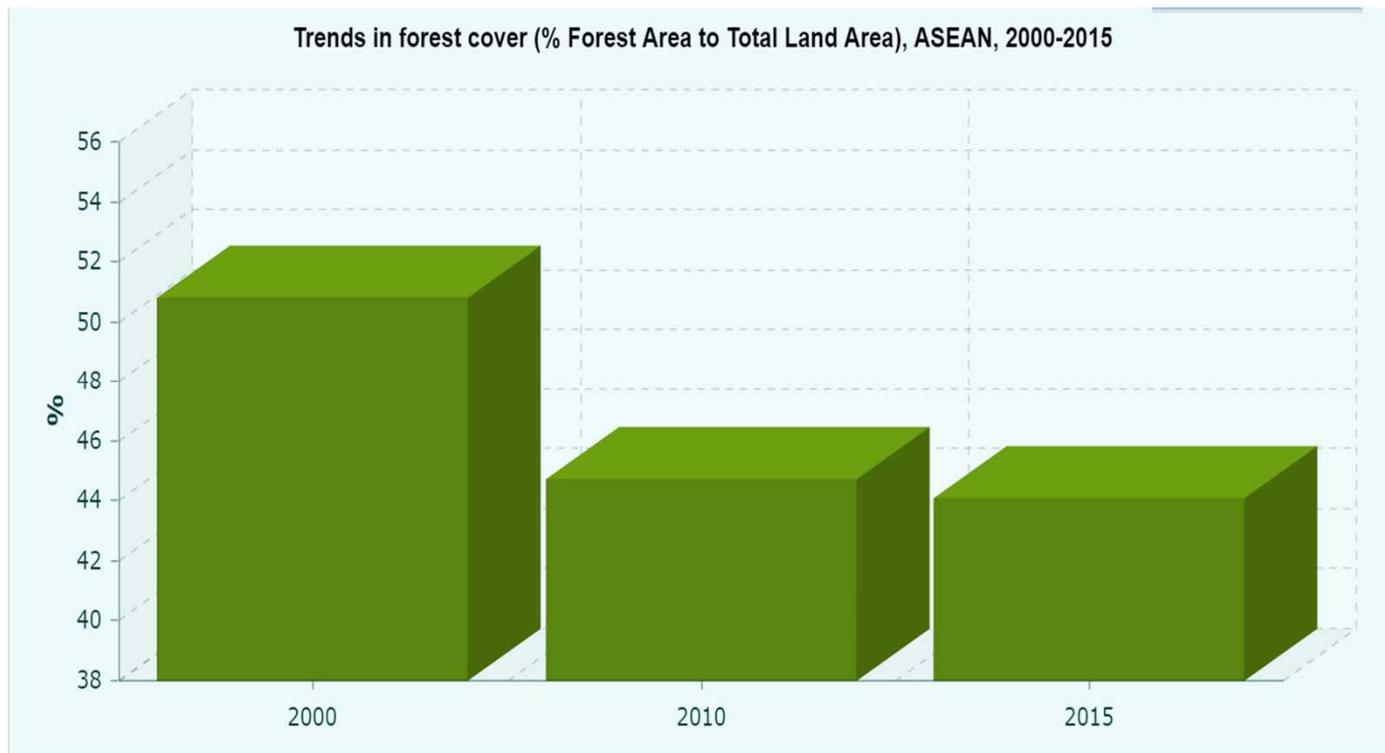
# TARGET 5



# TARGET 5

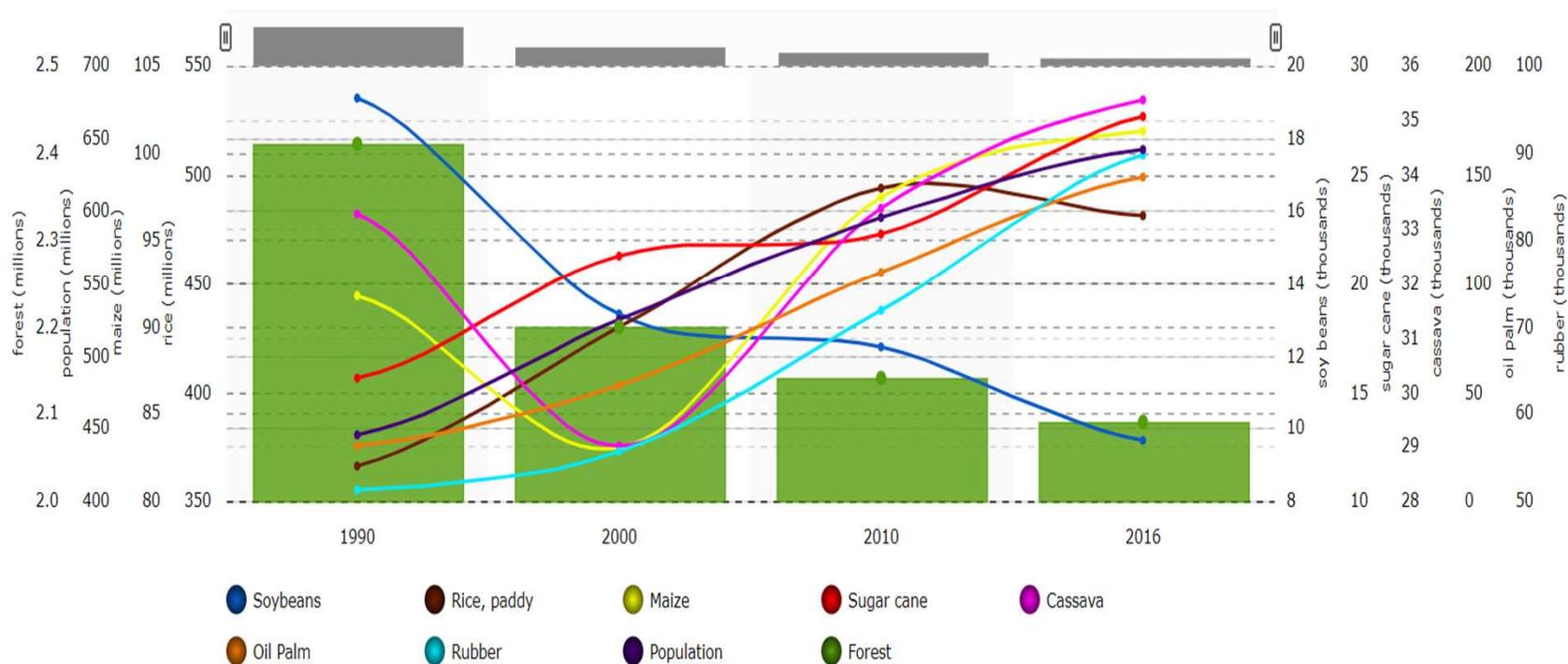


## TARGET 5



# TARGET 5

Trends in population, forest area and area of major crops harvested in the ASEAN region, 1990-2016



Indicator graph for AICHI Target 5: Loss of habitats

Source of data:

FAOSTAT

area in square kilometers

Note: You may compare trends between two axes (or among three or more axes). Just click on all the other axes that are not being compared. For example to compare trends between Forest and Palm Oil, click on Soybeans, Sugarcane, Rubber, Rice Paddy, Cassava, Population, and Maize. Click "Show All" or drag the scroll bar to the left to display the entire graph.

## ASEAN Tree Cover Change YEAR 2000 - 2017

### Legend

#### Tree Cover LOSS

##### Percentage Tree Cover Loss

High : 100%

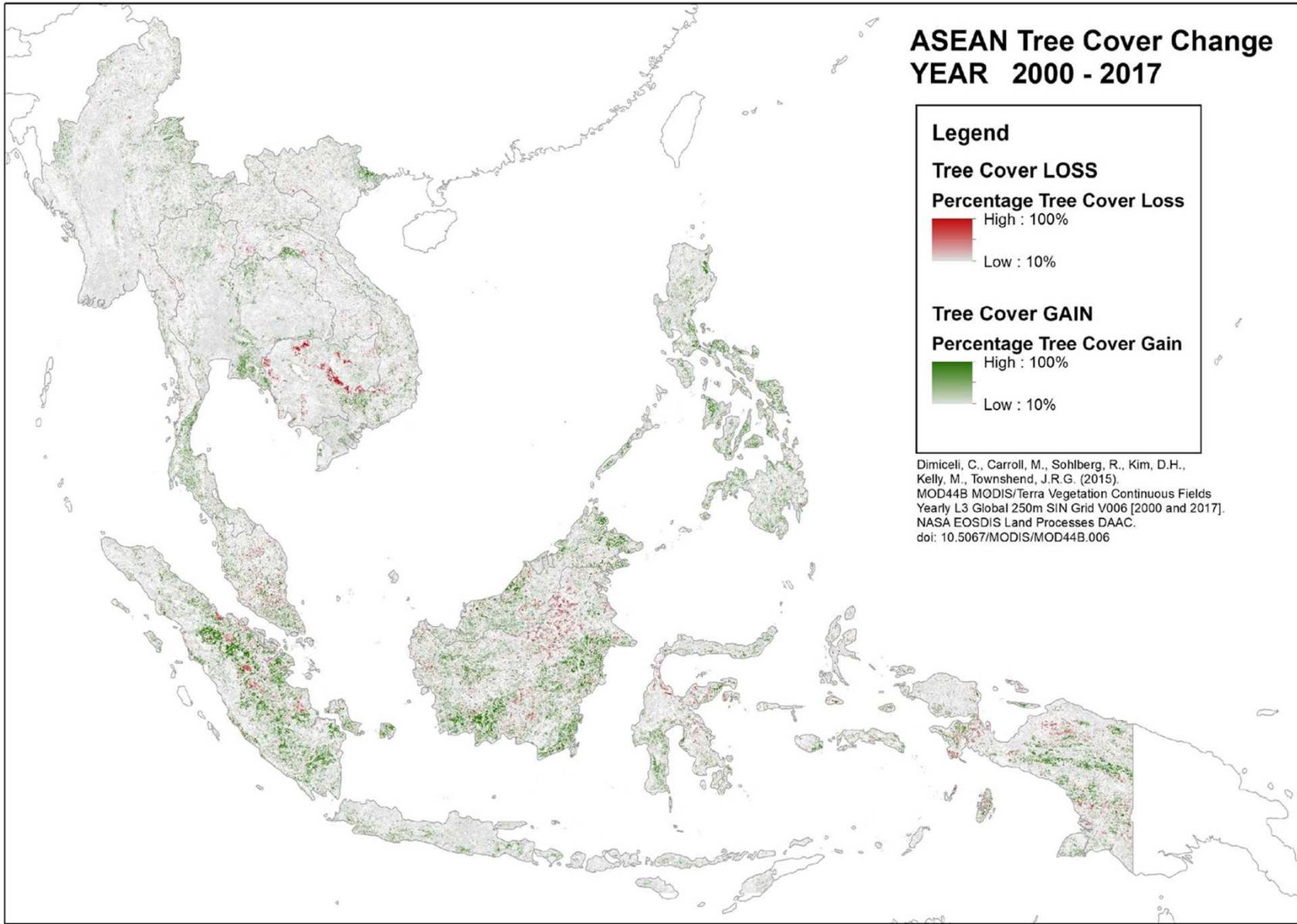
Low : 10%

#### Tree Cover GAIN

##### Percentage Tree Cover Gain

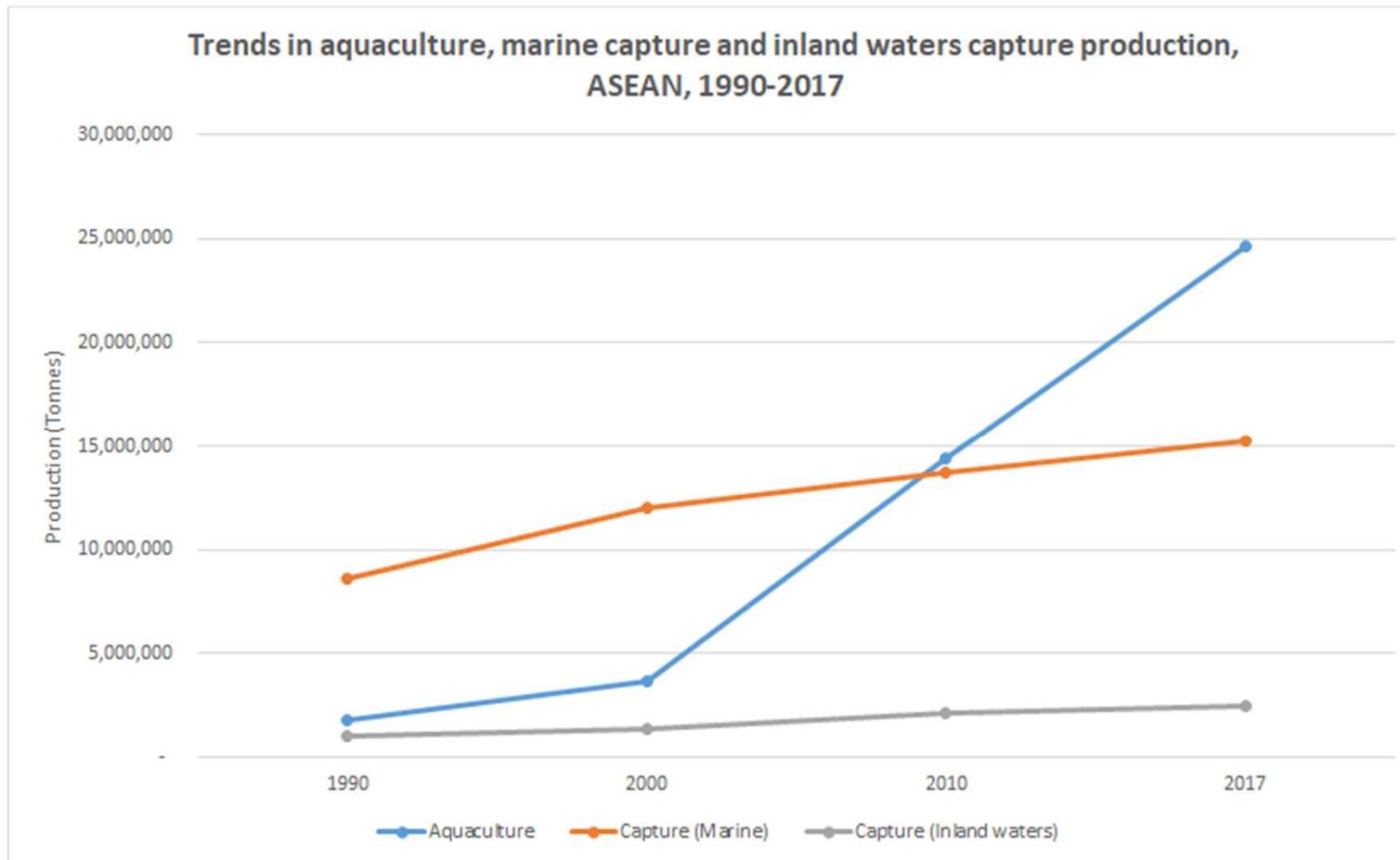
High : 100%

Low : 10%



Dimiceli, C., Carroll, M., Sohlberg, R., Kim, D.H.,  
Kelly, M., Townshend, J.R.G. (2015).  
MOD44B MODIS/Terra Vegetation Continuous Fields  
Yearly L3 Global 250m SIN Grid V006 [2000 and 2017].  
NASA EOSDIS Land Processes DAAC.  
doi: 10.5067/MODIS/MOD44B.006

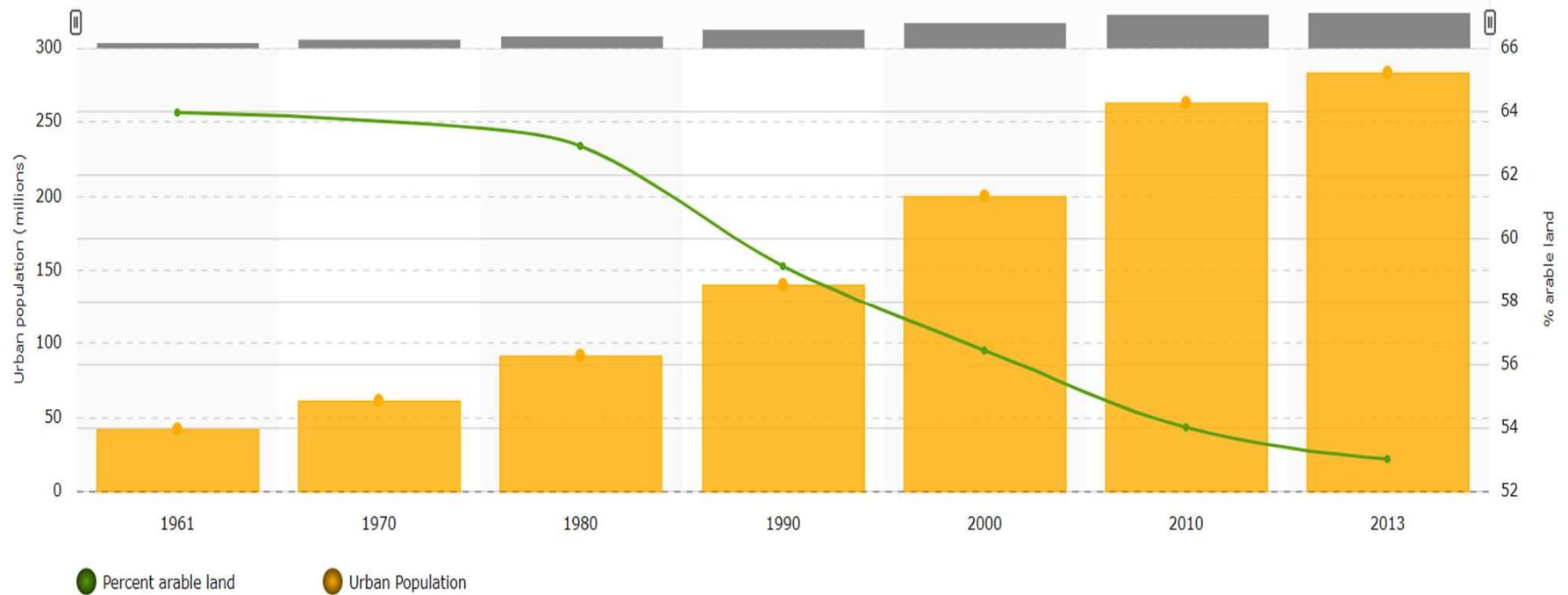
## TARGET 6



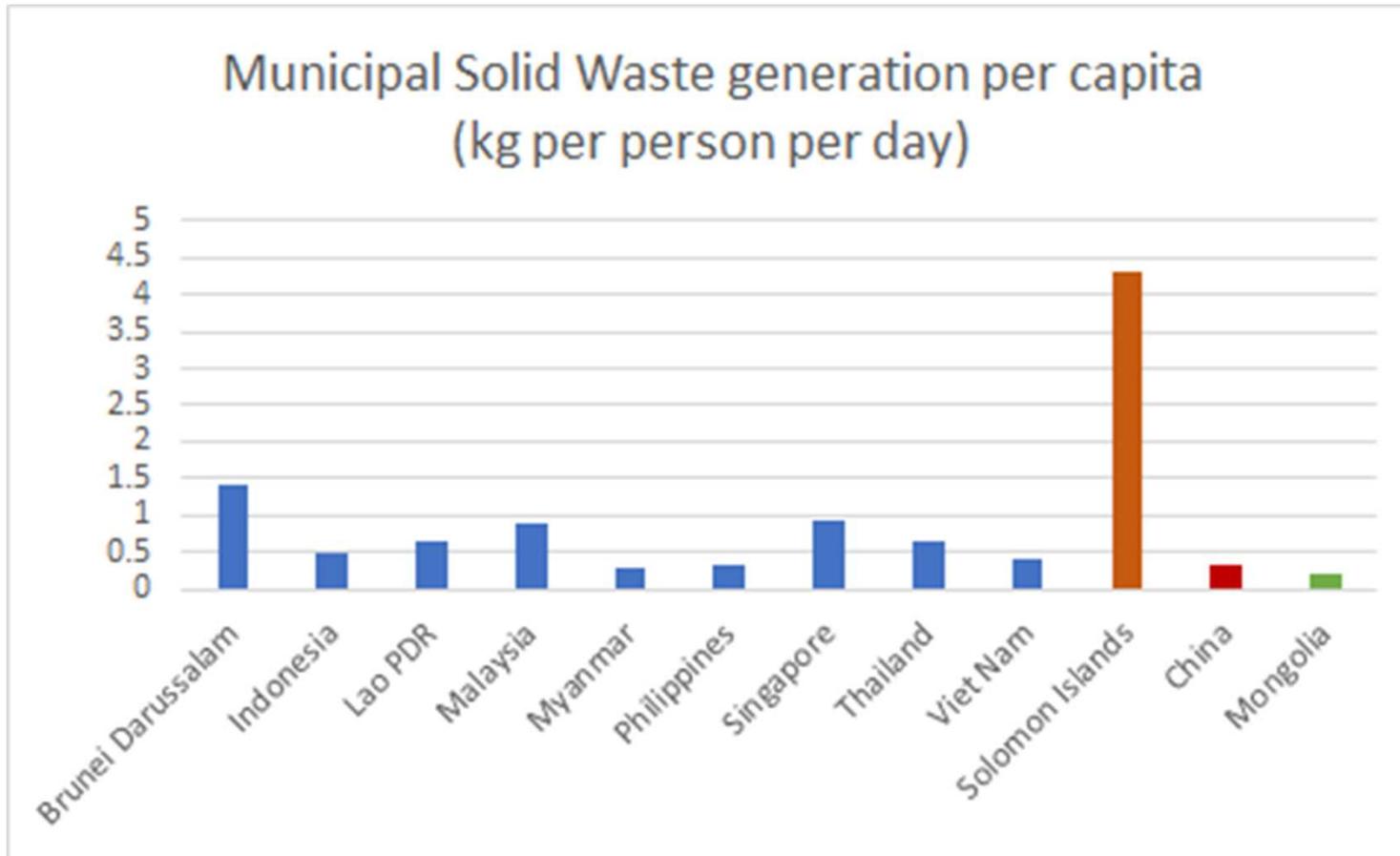
Food and Agriculture Organization of the United Nations.2019. Fishery Statistical Collections accessed at <http://www.fao.org/fishery/statistics/global-capture-production/query/en> on 3 May 2019

# TARGET 7

Trends in the proportion of arable land to total agricultural land and urban population, ASEAN 1961-2013

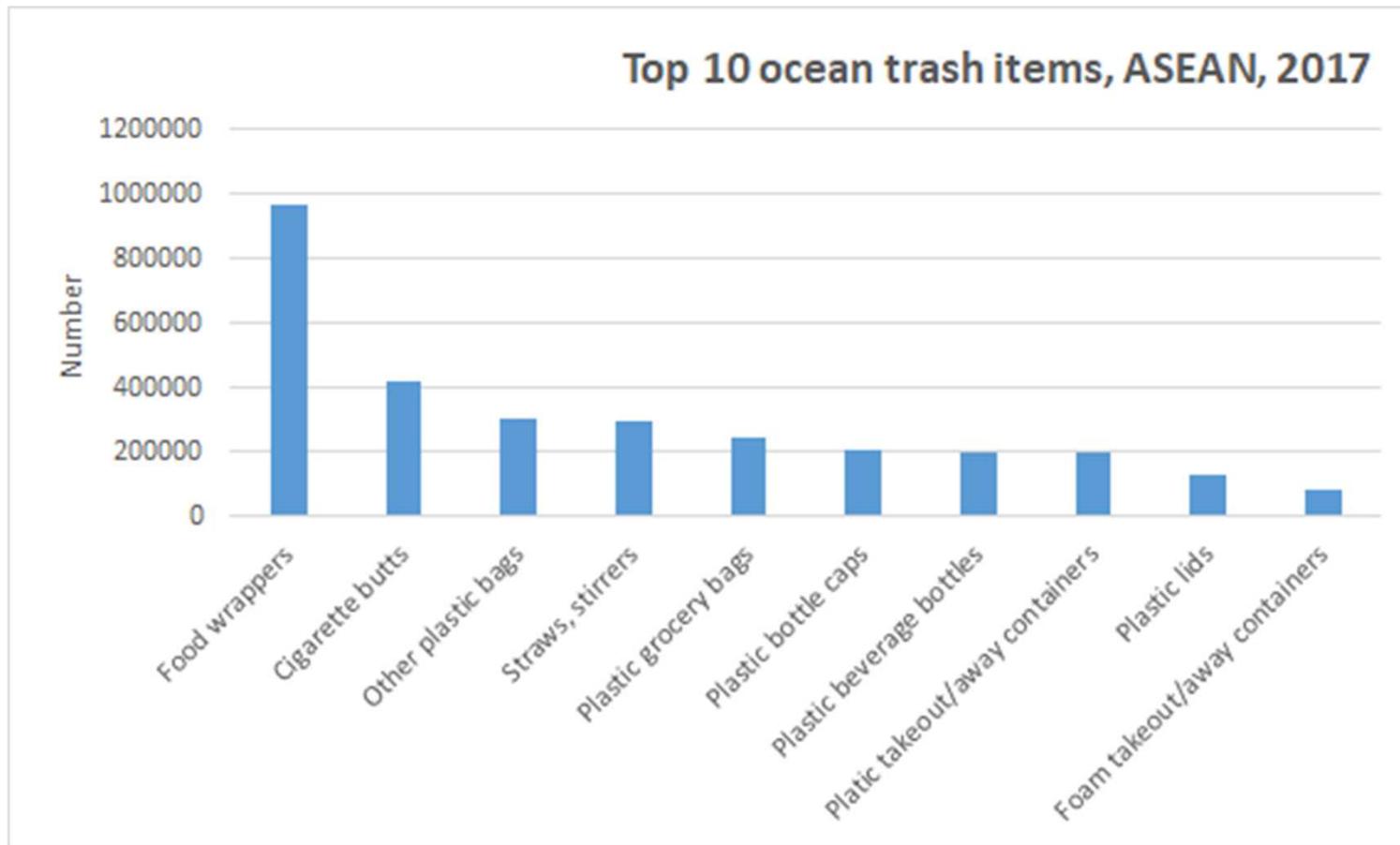


## TARGET 8



Source: Kawai, K and T. Tasaki. 2016. Revisiting estimates of municipal solid waste generation per capita and their reliability. *Journal of Material Cycles and Waste Management*. Vol 18: 1. <https://doi.org/10.1007/s10163-015-0355-1>

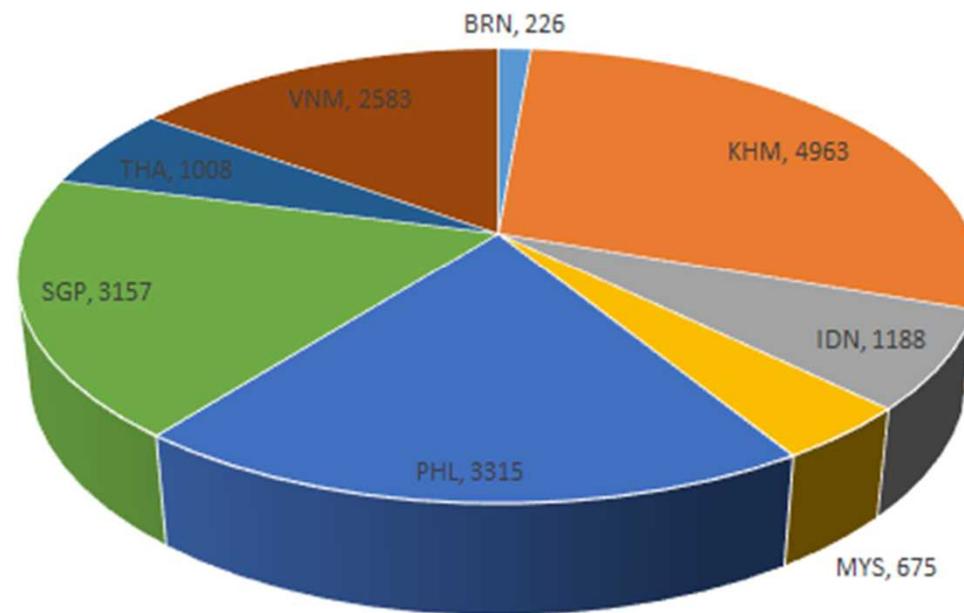
## TARGET 8



Source: Ocean Conservancy. 2018. Building a Clean Swell. 2018 Report accessed on 6 May 2019 at <https://oceanconservancy.org/wp-content/uploads/2018/07/Building-A-Clean-Swell.pdf>

## TARGET 8

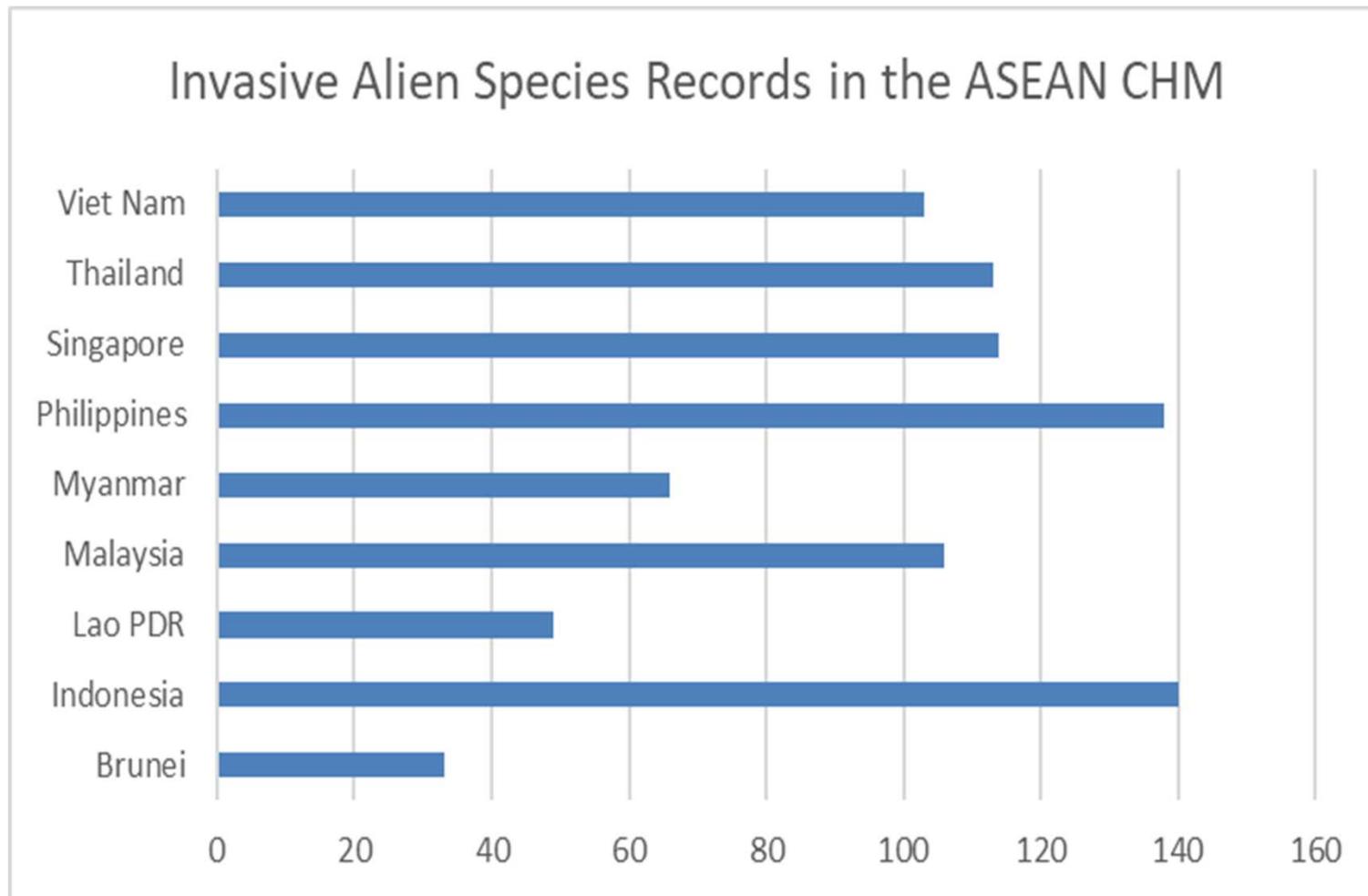
Number of ocean trash items collected per kilometer of coastline cleaned through international coastal clean up, AMS, 2017



Source: Ocean Conservancy. 2018. Building a Clean Swell. 2018 Report accessed on 6 May 2019 at [https://oceanconservancy.org/wp-](https://oceanconservancy.org/wp-content/uploads/2018/07/Building-A-Clean-Swell.pdf)

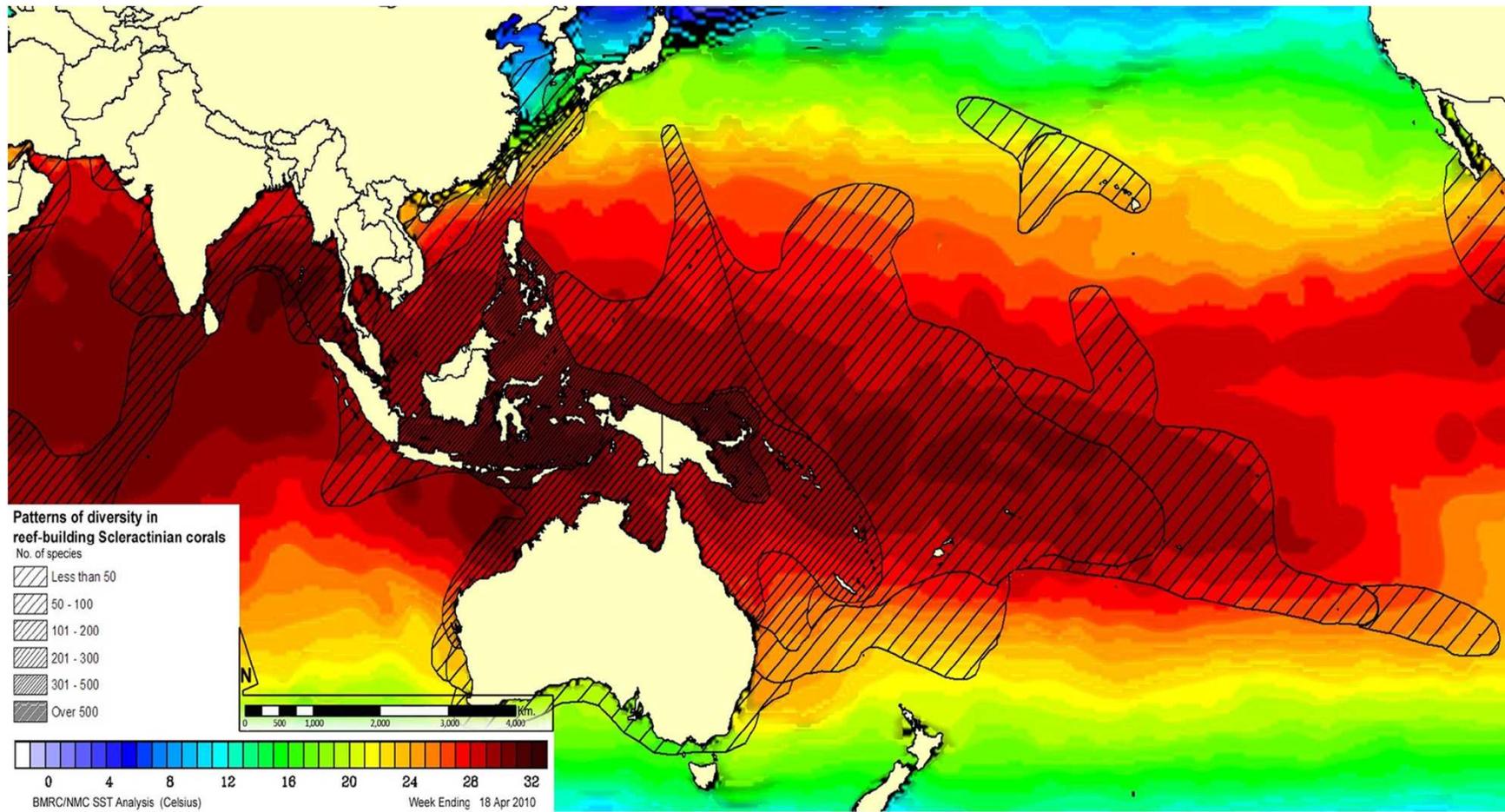
[content/uploads/2018/07/Building-A-Clean-Swell.pdf](https://oceanconservancy.org/wp-content/uploads/2018/07/Building-A-Clean-Swell.pdf)

## AICHI TARGET 9

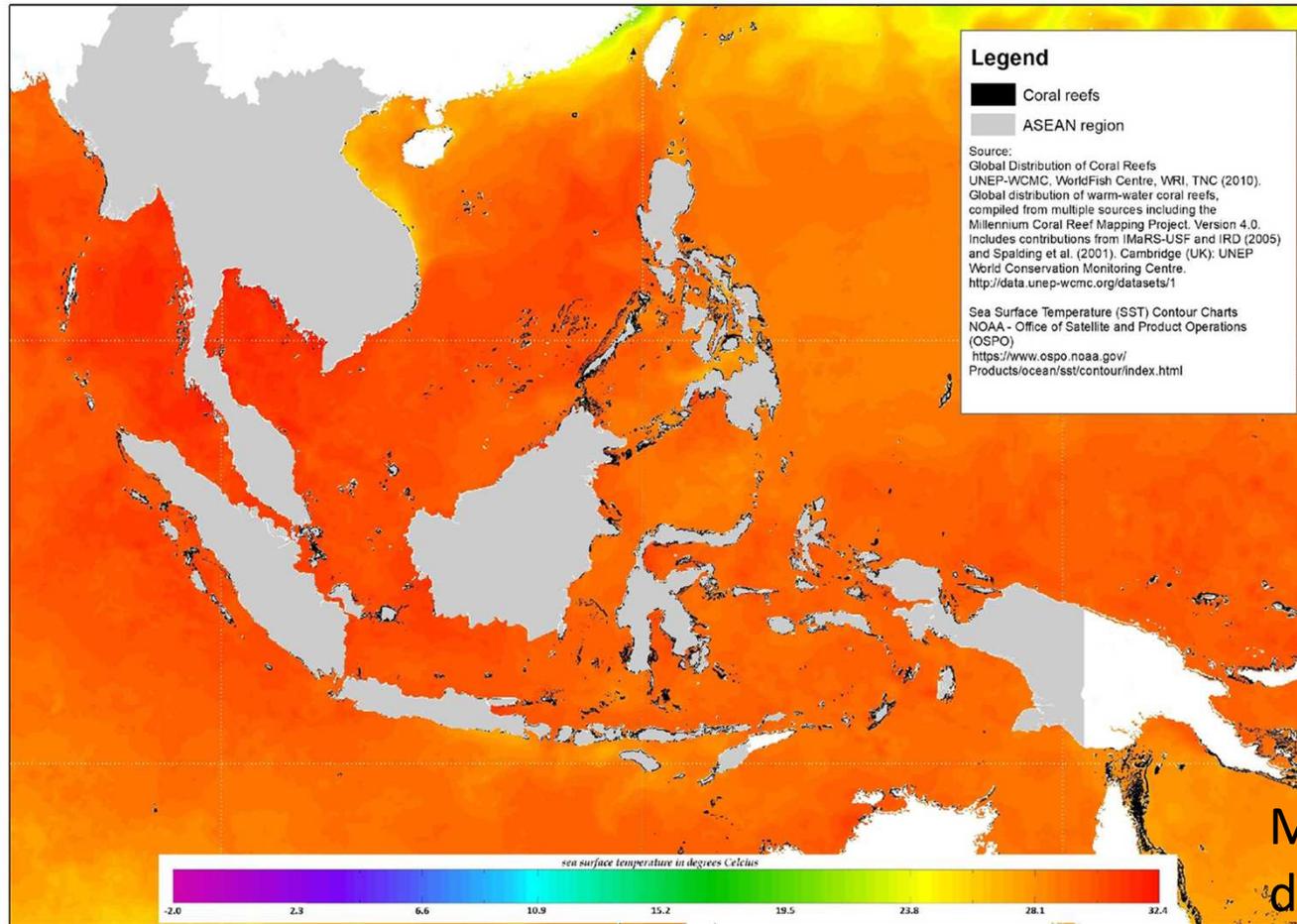




# AICHI TARGET 10

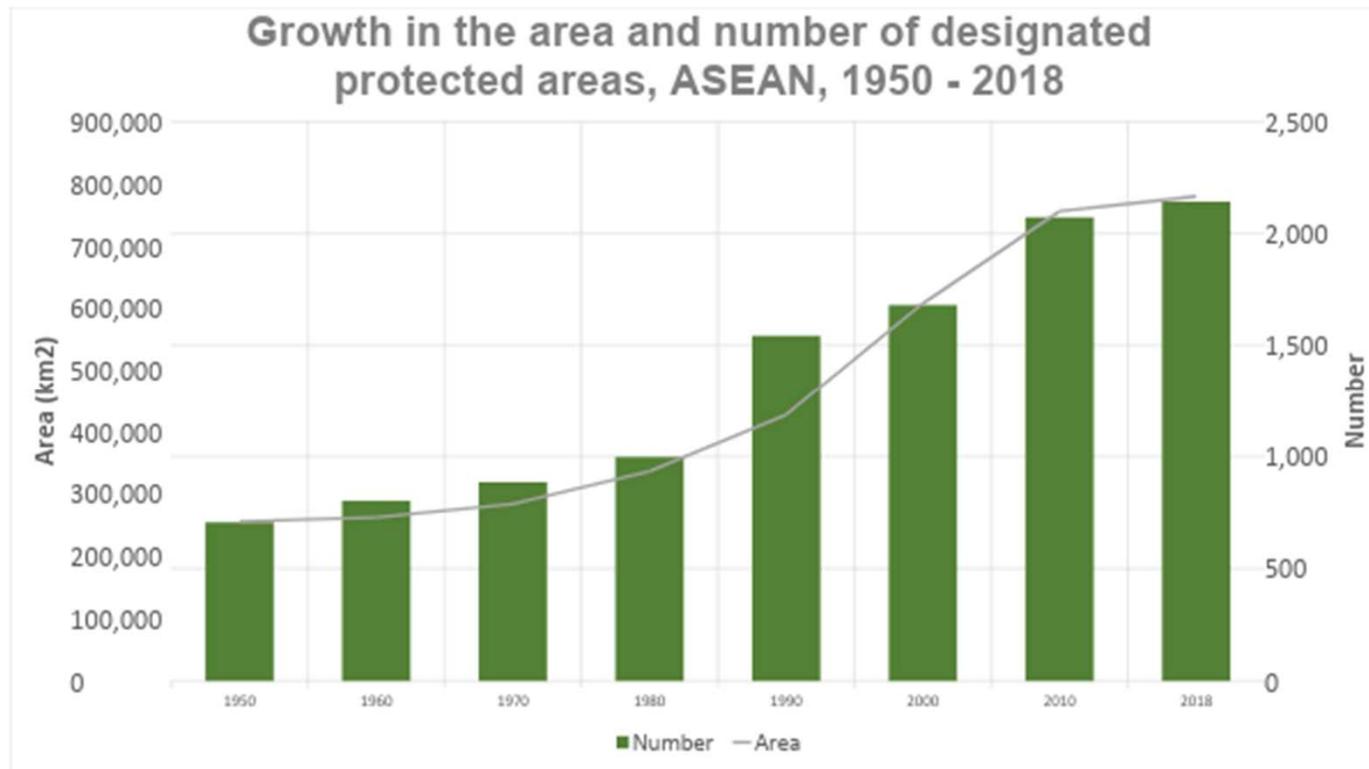


# AICHI TARGET 10



May 2, 2019 temp  
download

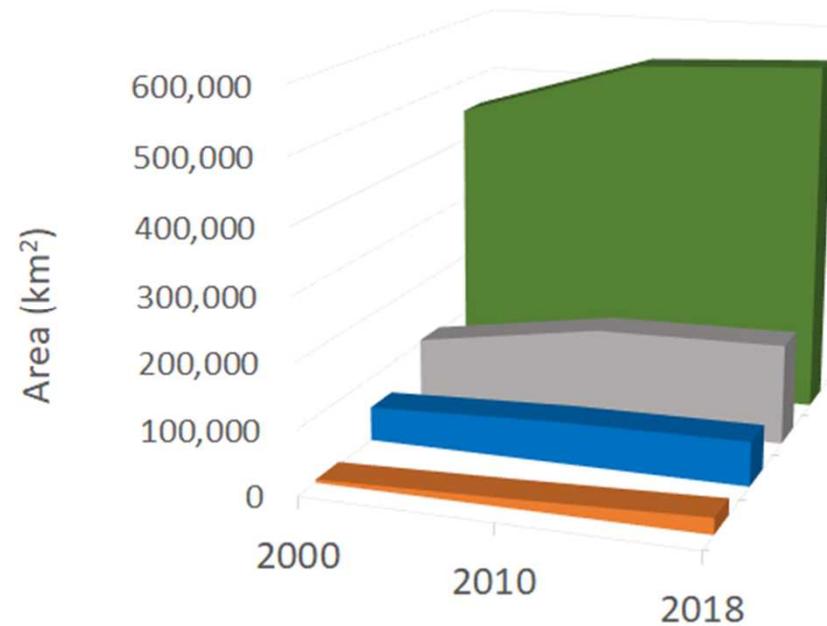
# AICHI TARGET 11



Source:  
IUCN and UNEP-WCMC (2019), The World Database on Protected Areas (WDPA) [On-line], [April 2019]. Cambridge, UK: UNEP-WCMC. Available at: [www.protectedplanet.net](http://www.protectedplanet.net).

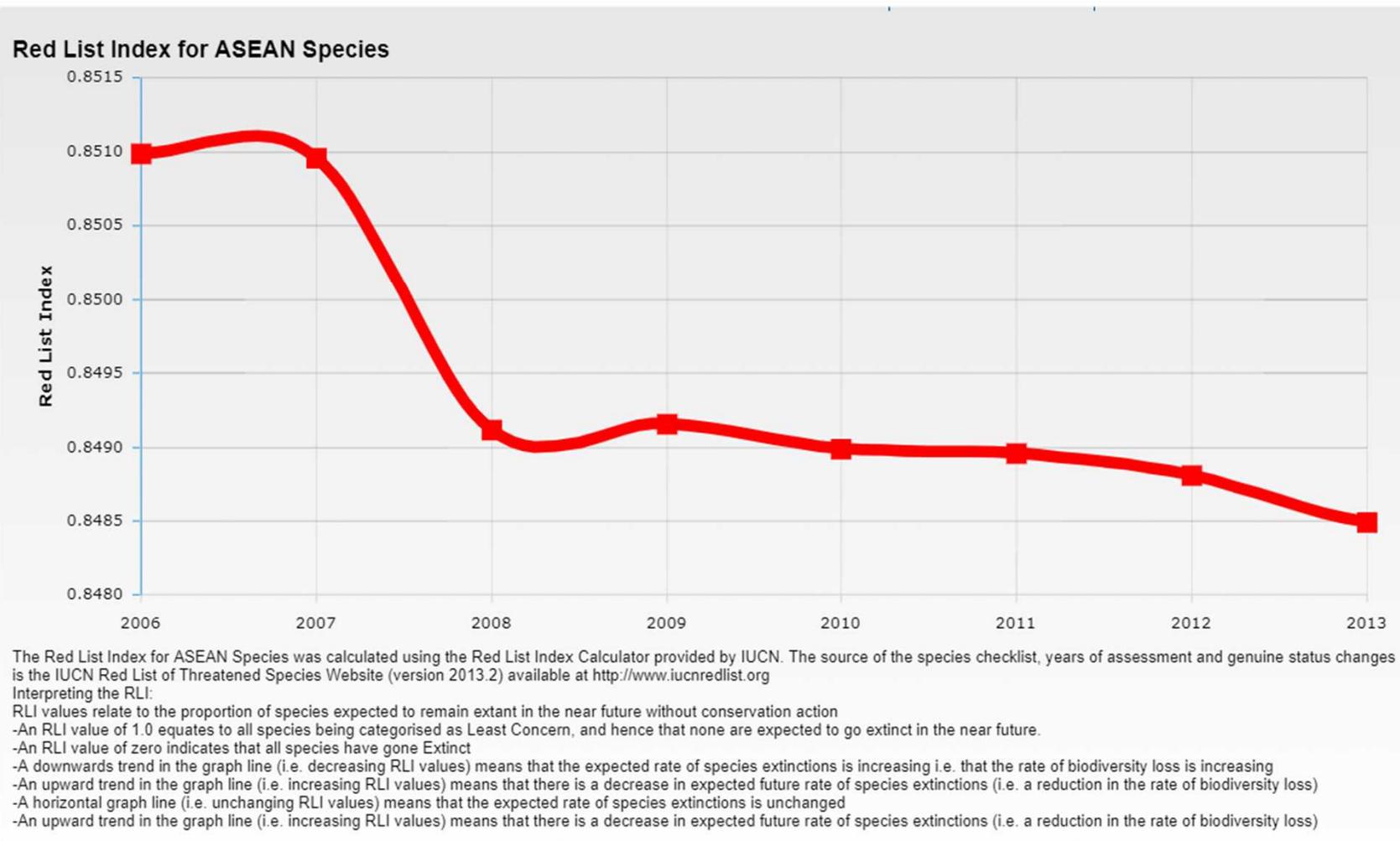
# AICHI TARGET 11

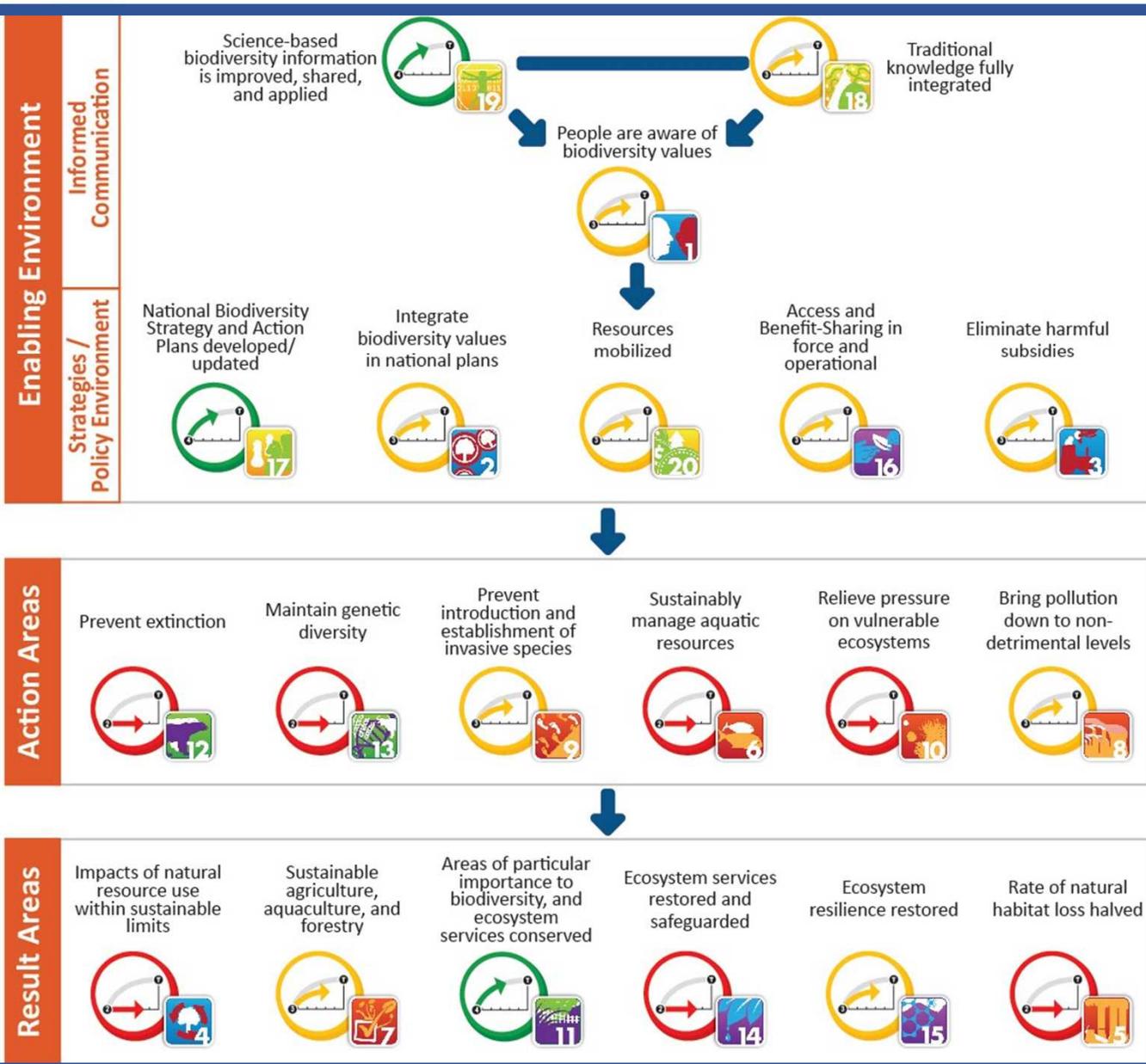
Protected areas of the ASEAN



- Wetlands
- Marine (100%)
- Terrestrial
- Coastal (Marine and Terrestrial)

The expected rate of species extinctions is increasing i.e. that the rate of biodiversity loss is increasing





# **ASEAN Centre for Biodiversity**

Improving capacities for

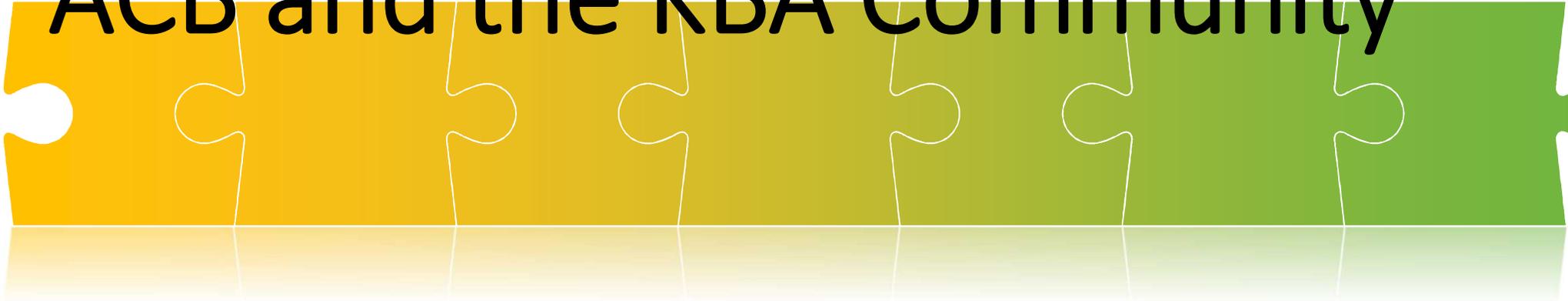
**Biodiversity Information Management**

# ACB and CBD



**Project Title: CBD and ACB Collaboration on the Conduct of a  
Regional Workshop for Asian Countries on the Clearing-House  
Mechanism Bangkok, Thailand  
27 January – 3 February 2018**

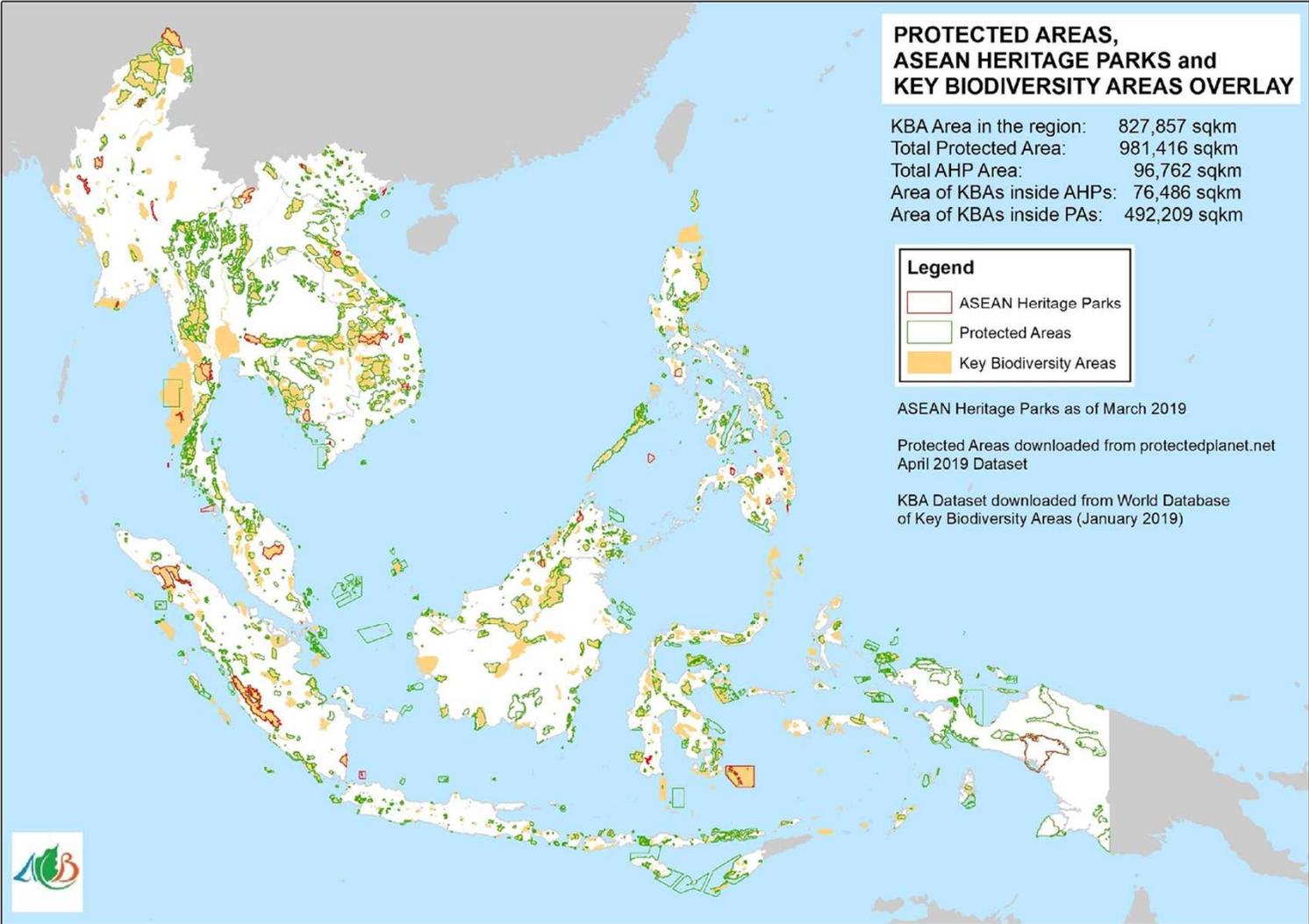
# ACB and the KBA Community



**Workshop on the Identification of Sites Critical for the Global Persistence of Biodiversity 11-12 March 2019**

- a. An understanding and appreciation on the process and data sources available for identifying sites critical to the global persistence of biodiversity, and
- b. Some experience in applying the process of identifying sites critical to the global persistence of biodiversity based on actual data on species and PAs in their respective countries.

# AICHI TARGET 11



# ACB and NatureServe



**Workshop on the Development of Visualisation Tools to Aid Reporting Processes to MEAs 14-15 March 2019**

- a. An understanding and appreciation on the use of the Biodiversity Indicators Dashboard for conservation, monitoring and evaluation**
- b. A proposed approach by which to incorporate the biodiversity indicators dashboard in national CHMs**
- c. A list of gaps/issues on the identification process for sites critical to the global persistence of biodiversity as well as challenges towards using the biodiversity indicators dashboard and discussion of potential solutions**
- d. A list of proposed biodiversity indicators in addition to those presented**



Malaysia



Explore More Country Indicators



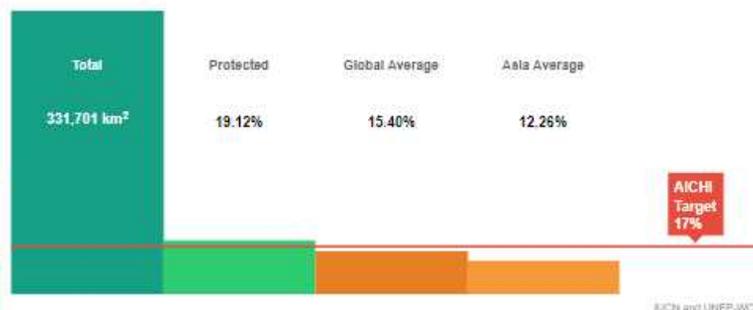
Convention on Biological Diversity

Visit Country Profile

### Protected Area

Select a Country

#### LAND AREA

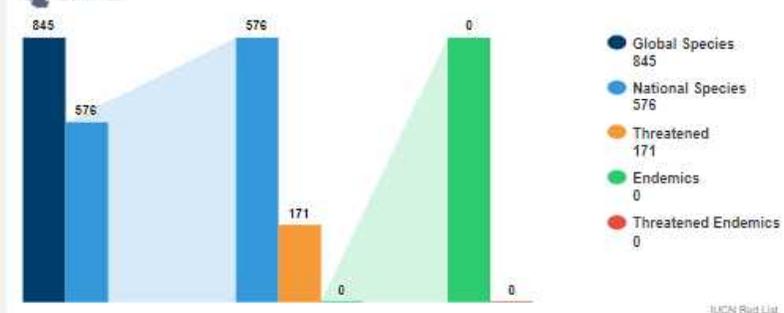


#### MARINE AREA

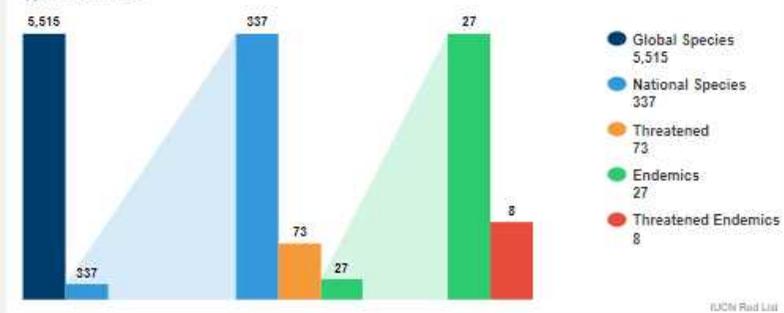


### Biodiversity

#### CORALS



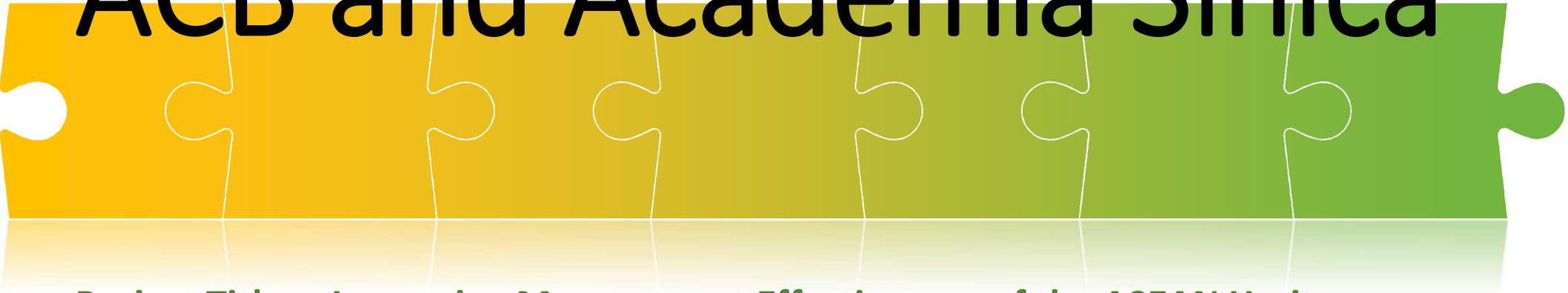
#### MAMMALS



### Habitat Diversity



# ACB and Academia Sinica



**Project Title:** Improving Management Effectiveness of the ASEAN Heritage Parks through Capacity Development and Biodiversity Information Management (JAIF)

**Project Title:** Asi@Connect project (Asian Soundscape: Extending Asian Soundscape Monitoring Network and Moving Towards Open Science Platform) (EU)

**Joint Activity Title:** Regional Workshop on Biodiversity Data Organization and Management 10 – 15 June, 2019

# Regional Workshop on Biodiversity Data Organization and Management

- ❑ Six-day training course on
  - archiving species and protected areas information,
  - understanding the Darwin Core (DwC) concepts, data fields and database structure, the IUCN PA categories, PA database, and mapping
  - use of field monitoring equipment, deployment & retrieval of:
    - Camera trap
    - Song Meter device (SM4)
  - Data processing / data sharing:
    - lectures, demos, and hands-on exercise

