

Prospects for International and Thai-French Collaboration

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To discuss mechanisms that are being proposed for post Kyoto international collaboration (capacity building, technology transfer, R&D etc.) and potential areas and modalities for Thai-French collaboration

Outputs from 2008 Annual Meeting of the Thai Environment Institute on research needs

- Thailand-based climate change / GHG data for government used in negotiation and policy formulation
- Impacts studies on
 - agriculture productivity (rice, cassava, sugar canes, corns,)
 - health
 - habitats
 - water availability
- Mitigation
 - science and technology (hard science)
 - social science/ human science / management (soft science)
- Clean technology and clean / green energy

Thailand need a sense of urgency, coherence and determination in understanding and dealing with climate changes similar to something like a Manhattan Project.

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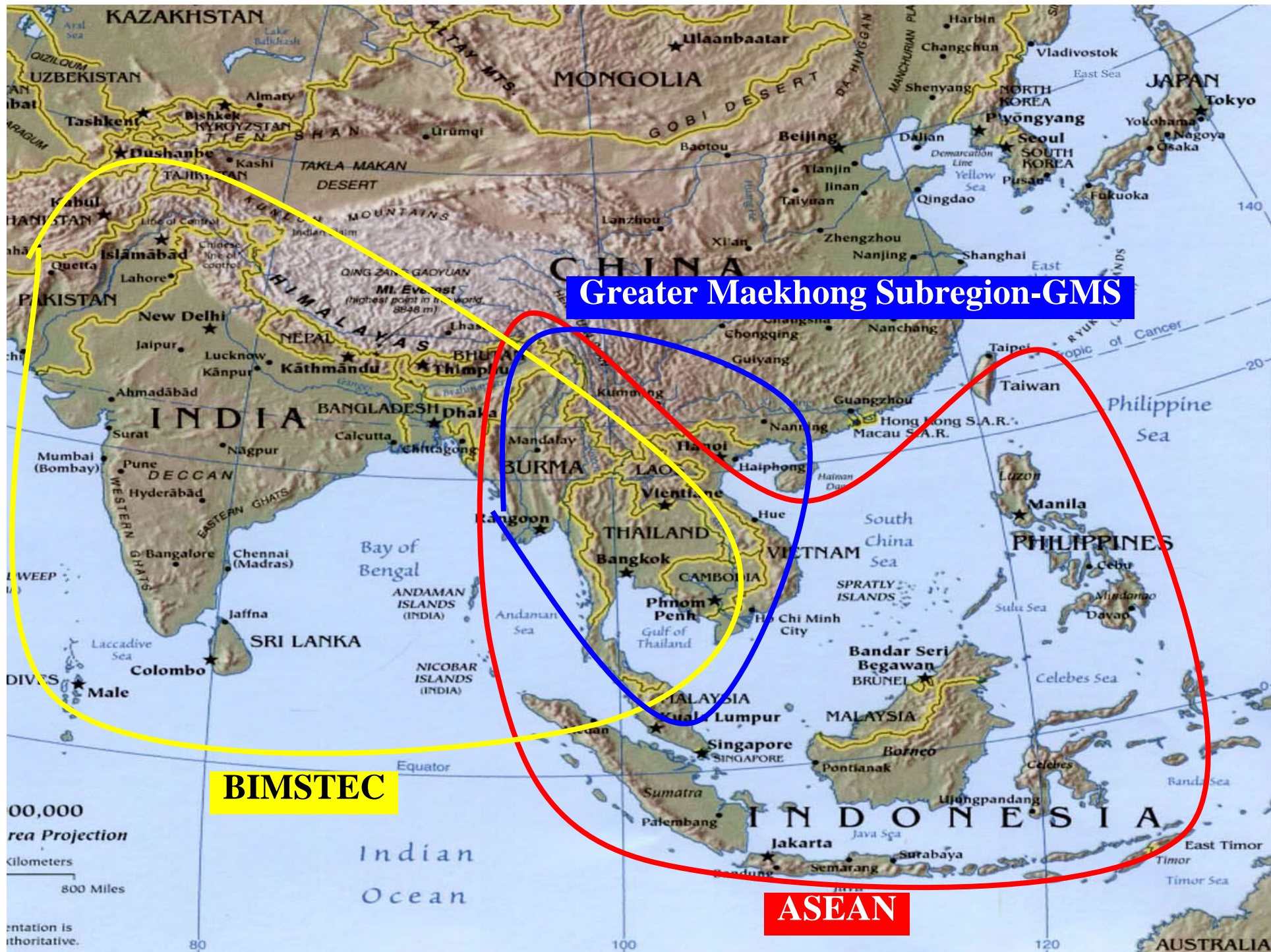
Where the Fora can be

- Bilateral Thai-French
- International/Multilateral

France as a country of the G8, OECD, IEA, EU

France as a leader of Francophone countries

Thailand as a country of ASEAN, GMS, BIMSTEC

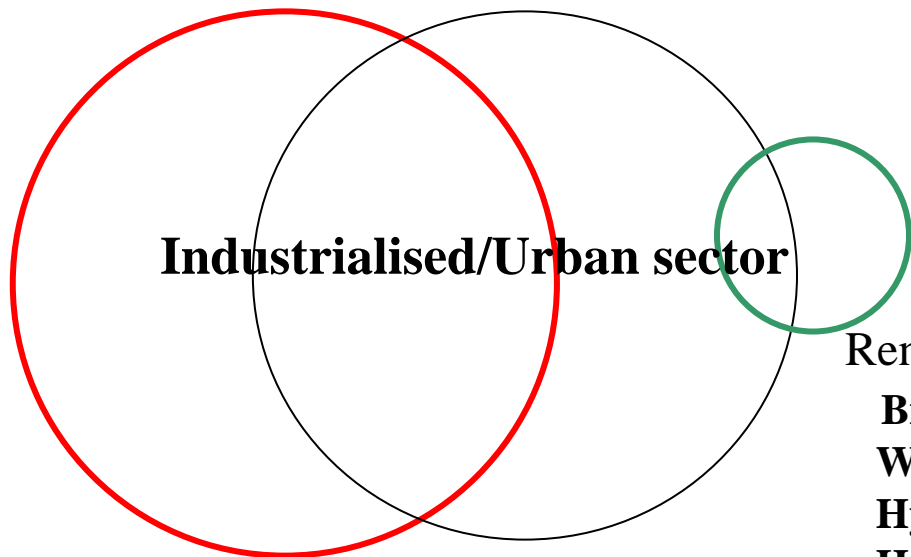


Greater Maekhong Subregion-GMS

BIMSTEC

ASEAN

Energy Efficiency



Industrialised/Urban sector

Renewables

Biofuels (1st, 2nd generation....

Wind, Solar

Hydrogen

Hydro

Non Renewables

Nuclear

Coal

Centralised /Distributed Power Generation

Centralised Power Generation

Goals and projects for collaboration need to be specific, taking into consideration peculiarities/needs of various sectors, regions etc.

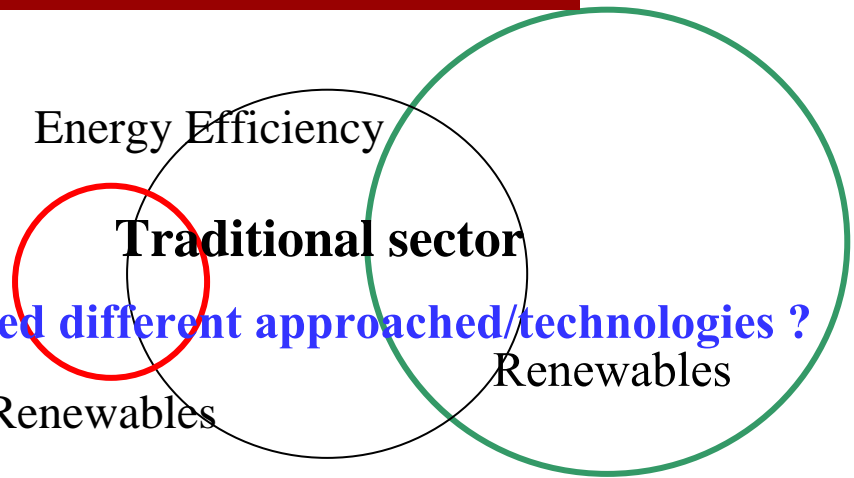
Energy Efficiency

Traditional sector

Need different approached/technologies ?

Non Renewables

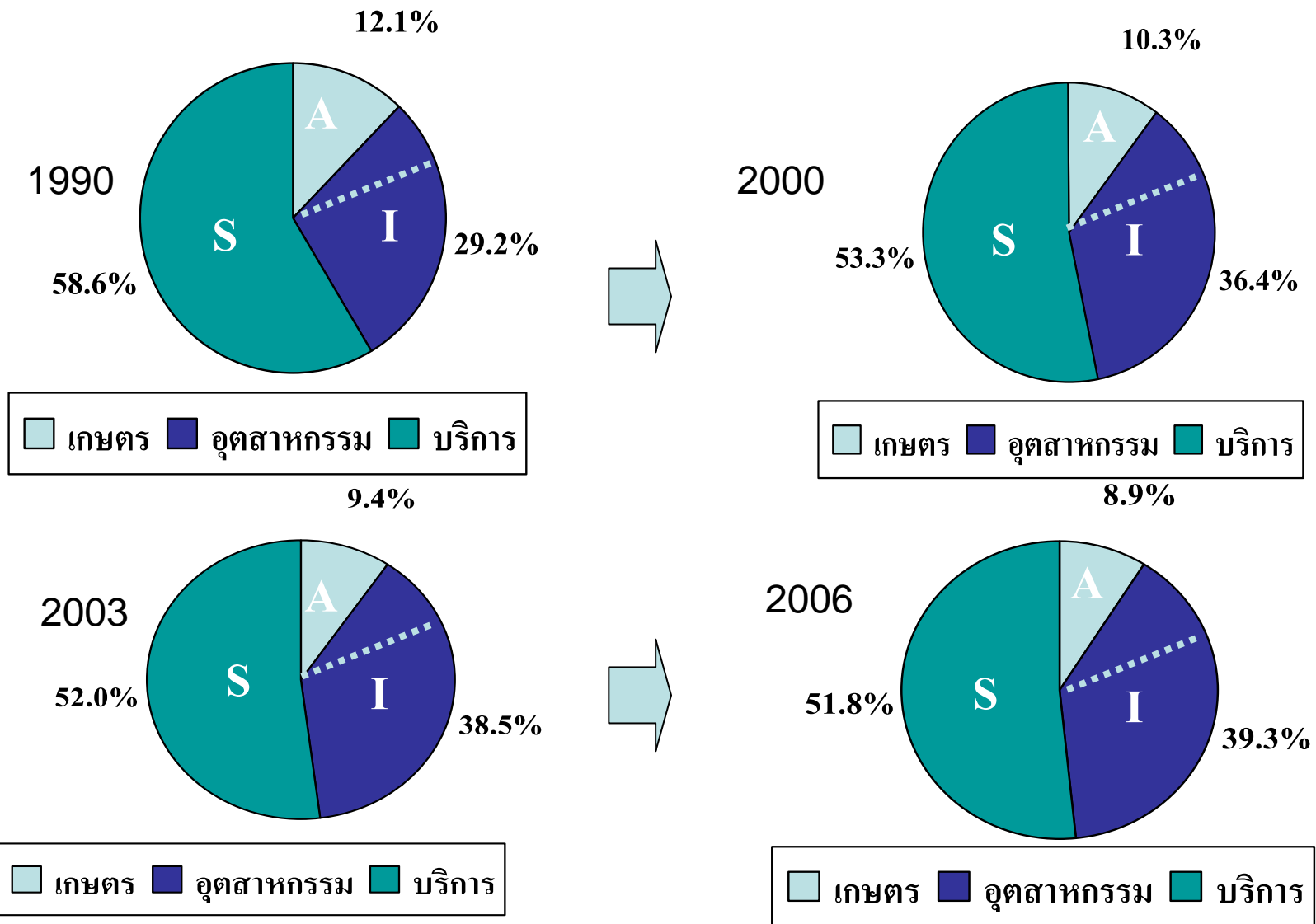
Renewables



Distributed Power Generation

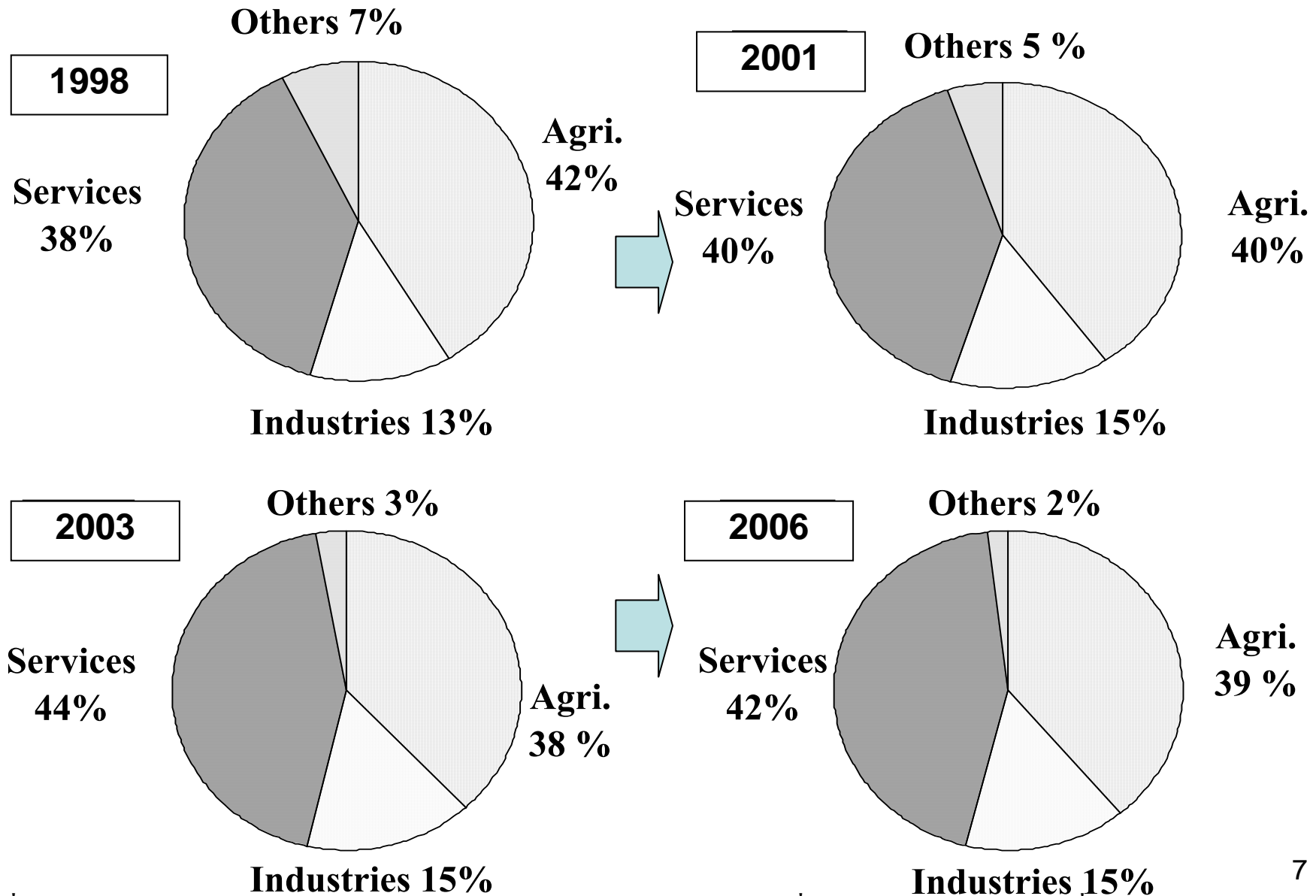
Produced where consumed

Thai Economic Sectors (contribution to GDP)



ที่มา: สศช. และ ธนาคารแห่งประเทศไทย

Thai workforce in various sectors (percentage of total workforce)



ที่มา: ธนาคารแห่งประเทศไทย

หมายเหตุ: แรงงานอื่น ๆ รวมถึงผู้ว่างงาน แรงงานต่ำกว่าระดับ และผู้รองาน

Energy Efficiency

60 + % of the population of Thailand

Industrialised/Urban sector

Non Renewables

**Nuclear
Coal**

Renewables

Biofuels (1st, 2nd generation....

Wind, Solar

Hydrogen

Hydro

Energy Efficiency

40 - % of the population of Thailand

Traditional sector

Need different approached/technologies ?

Non Renewables

Renewables

**Goals and projects for collaboration
need to be specific, taking into
consideration peculiarities/needs
of various sectors, regions etc.**

60 + % of the population of Thailand
More than 1 cubic meter /person/day

Industrialised / Urban sector

Demand side management

Supply side management

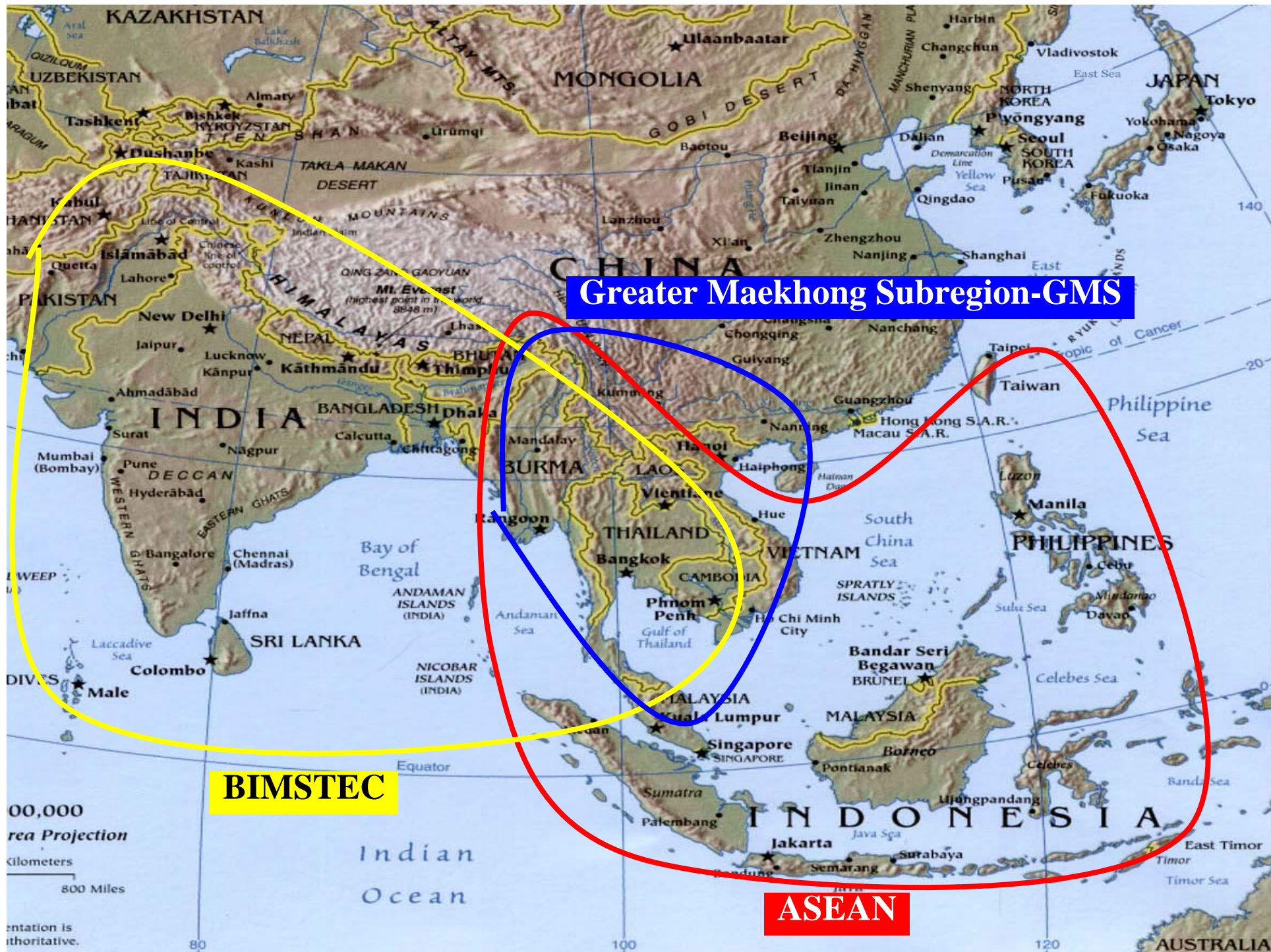
**Goals and projects for collaboration
need to be specific, taking into
consideration peculiarities/needs
of various sectors, regions etc.**

40 - % of the population of Thailand
50 liters /person/day

Traditional sector

Need different approaches / technologies ?
Supply side management **Demand side management**

Produced where consumed



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ASEAN