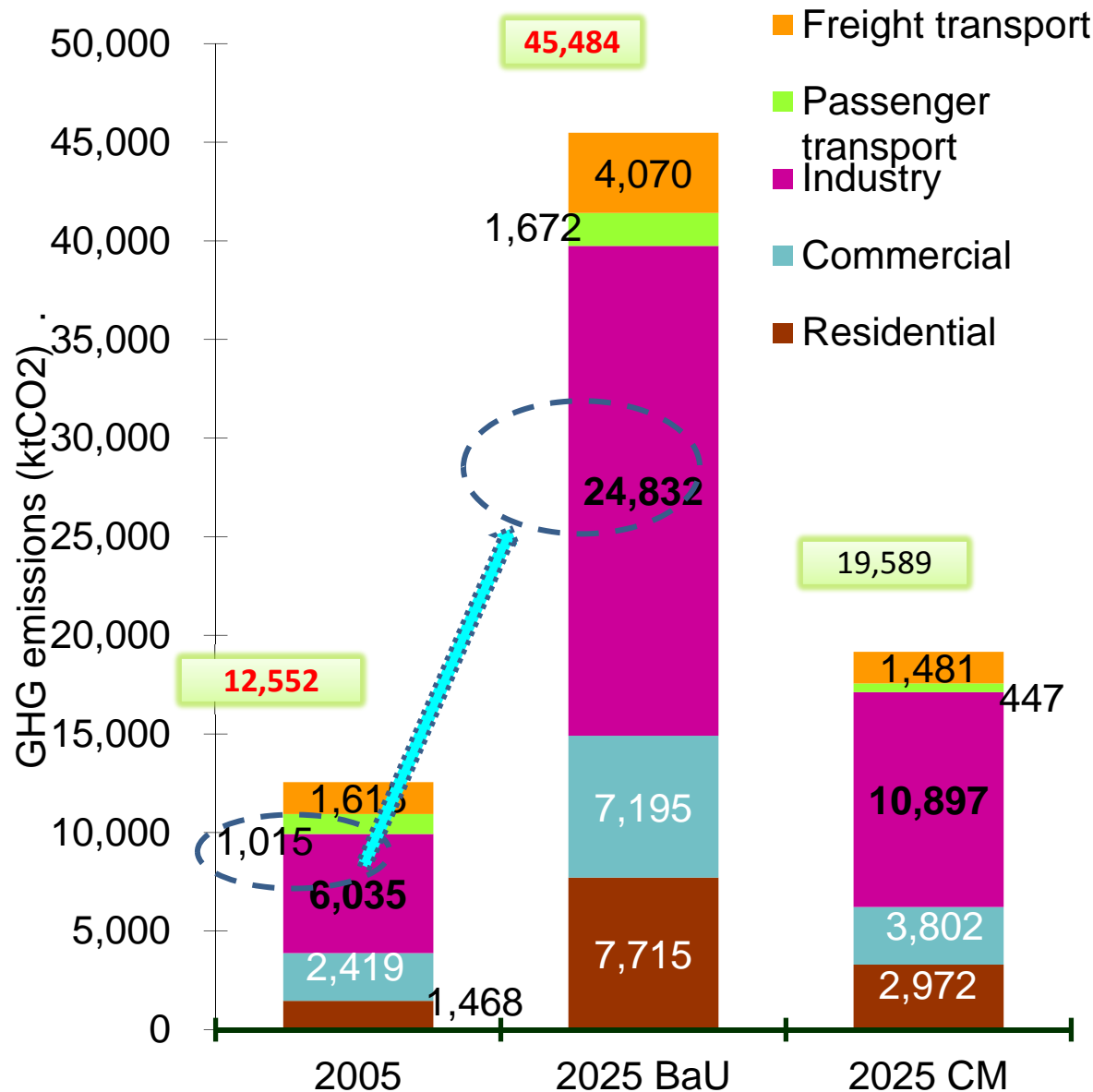


Potential of CO₂ Mitigation in Thailand NAMAs

NAMAs	CO ₂ Countermeasures	CO ₂ reduction in 2020 (kt-CO ₂)
Domestic NAMAs	RE Power (MAC < 10\$/t-CO ₂)	2,568
	EE Large Industries (MAC < 10\$/t-CO ₂)	4,762
	Building Codes (Large buildings)	5,909
	Transport/Ethanol (AEDP 2012)	5,069
	Transport/Biodiesel 1 st Gen (AEDP 2012)	5,022
	Improving Fuel Economy	400
	<i>Sub-total</i>	<i>24.0 Mt-CO₂</i>
Internationally Supported NAMAs	RE Power (MAC > 10\$/t-CO ₂ plus AEDP)	13,456
	EE Large Industries (MAC > 10\$/t-CO ₂)	9,743
	Transport/Biodiesel 2 nd Gen (AEDP 2012)	14,459
	Transport/NGV	644
	<i>Sub-total</i>	<i>38.0 Mt-CO₂</i>
Total Domestic and Supported NAMAs		62.0 Mt-CO₂
Total emissions in 2005		192,724 kt-CO₂
Total emissions in BAU2020		367,436 kt-CO₂

マレーシアにおける低炭素地区開発の設計

GHG Emission By Sector

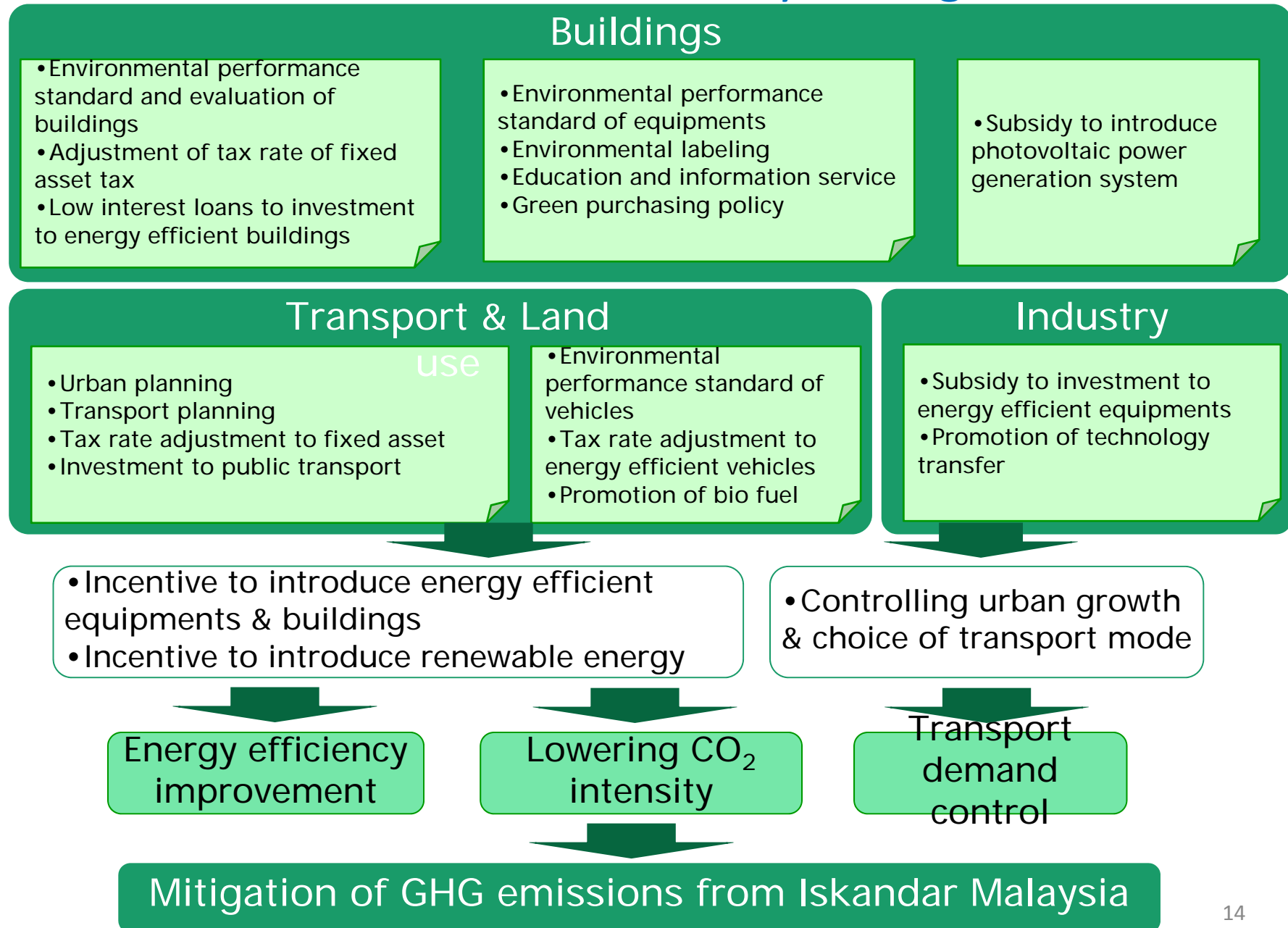


GHG Emissions in Iskandar, Malaysia are projected to increase from 12,552 ktCO₂ (2005) to 45,484 ktCO₂ (2025 BaU)

Industry Sector will increase 4.1 times in total as compared to 2004 in GHG emission. (54% of total GHG emission in 2025 BaU)

GHG emissions per capita: 9.3 tonnes of CO₂/capita (2005) to 15.1 tonnes/capita (2025 BaU), with CM will be reduced to 6.5 tonnes of CO₂/capita.

Low Carbon Cities Policy Package



2012年7月9日にマレーシア、ジョホールバルにて開催された「低炭素アジア研究及び政策に関する国際シンポジウム」低炭素アジア-政策担当者による対話

What research area/ topics should be strengthened making use of synergies of regional cooperation?

Ex.

- Inventory data of region specific items
- Energy demand side data
- Development of forestry and land-use simulation model
- Utilization of integrated assessment models for nationally/ regionally harmonized LC policy

- Economic evaluation: methodology applicable for evaluating low-carbon growth
- Low carbon city management
- Comparative study of effectiveness of LC policy and measures amongst countries in this region
- Reform of power system

- Transportation system: good practices
- Waste management in relation to LC policy
- Mobilizing local societies and people
- Asian traditional values and behavioral change

LoCARNet – Activities in 2012

- **May 2012**: APN (Asia-Pacific Network for Global Change Research) newly established fund on “low-carbon initiative” (approx. US\$300,000/year) for regional-based joint research, capacity development, and networking activities.
- **9 July 2012**: held a policy-makers’ panel in Johor Bahru, Malaysia to discuss future activities from policy-makers’ point of view.
- **23 July 2012 (at ISAP, IGES)**: held the LoCARNet kick-off meeting to discuss future activities, research needs, and organisational framework and management, as well as how to promote knowledge exchange and capacity building in an efficient manner, together with leading researchers in this region.
- **24 July 2012 (at ISAP, IGES)**: organised a breakout session entitled “East Asia Knowledge Platform for Low Carbon Growth - Knowledge in Action for Policy and Investment”, and explained discussions at the LoCARNet kick-off meeting.
- **18 September 2012 (in Oxford, UK)**: organised a session on “Regional co-operation: An Asian case study” at the LCS-RNet 4th Annual Meeting.
- **16-17 October 2012 (in Bangkok, Thailand)**: will organise LoCARNet First Annual Meeting.
- **2013 and beyond**: LoCARNet will be expected to become an autonomous researchers’ network based on regional cooperation.

ありがとうございました