



## **Gland Regional Research Strategies:**

### **'**Research-Policies-Implementation-Evaluation'

Sirintornthep Towprayoon

Joint Graduate School of Energy and Environment, Center of Excellence on Energy Technology and Environment, King Mongkut's University of Technology Thonburi

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### What are the drivers of development in Asia ? Population or development



Sources: Climate Analysis Indicators Tool (CAIT) Version 9.0 by the World Resource Institute, 2011 (accessed March 2012) and World Development Indicators (WDI) & Global Development Funds (GDF) by the World Bank, April 2012 (accessed April 2012).

Pop (million )	2010	2030
ASEAN	592	704
ASEAN+4	3206	3790
WORLD	6641	7933
Percent of ASEAN+4	48%	47%

GDP	2010	2030
ASEAN (%world share)	2.98%	4.31%
ASEAN+4 (%world share)	25.72%	35.88%
GDP ASEAN (billion)	1852	5587
GDP ASEAN+4 (billion)	15979	46501
World (Billion)	62124	129547

#### Derived from low carbon green growth Asia

# A key to unlock carbon intensive development

- If population is not the the drivers of future emission in ASIA. Decoupling of GDP and GHG may need the significant role of human resources who are well aware of climate impact and the leapfrog situation.
- Capacity building is a key
  - Collaboration research on regional issue
  - Talent mobility through joint curriculum, regional training
  - Research platform for young scientist and knowledge management
  - Increase human resource both researchers and policy makers

### From research to policy and implementation





## Research-policy-implementationevaluation



## Key success factors

- Leadership
- Triple helix actors
- Multiple benefit
- Local wisdom
- Networking
- Communication



## Messages

- Two strategies are proposed
  - Capacity development with joint activities
  - Research to policy to implementation and to evaluation