

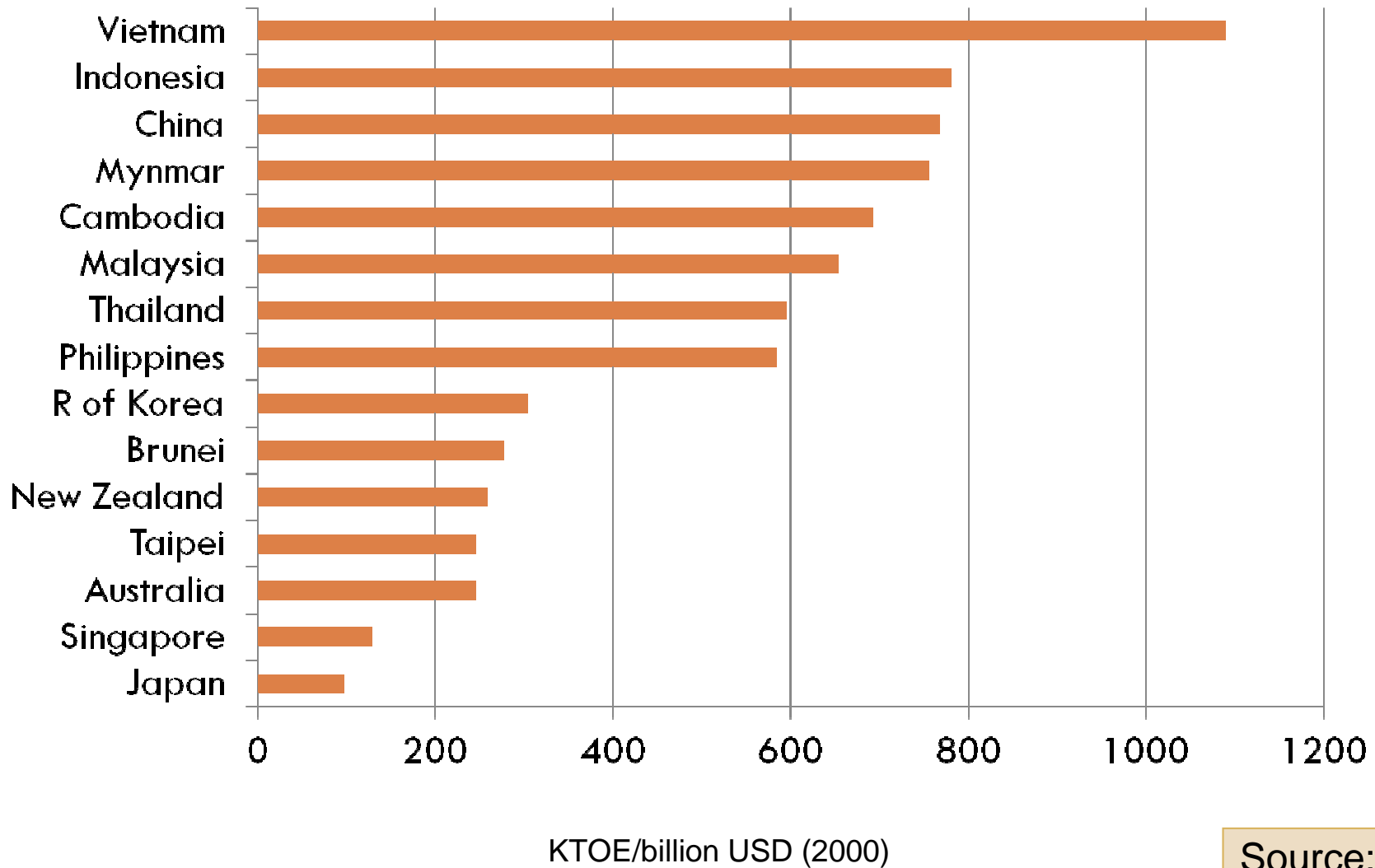
Third Session of Group of Experts on Global Energy
Efficiency 21

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REGIONAL DIMENSIONS OF THE GLOBAL
STRATEGY
ON ENERGY EFFICIENCY MARKET FORMATION
ASIA-PACIFIC REGION

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Energy Intensity in Asia Pacific region (2009 TPES/GDP)



Source: IEA

EE Goals in Asia Pacific

reported under East Asia Cooperation



Country	Indicator	Goals
Australia	Carbon Pollution	5% reduction below 2000 level by 2020
Brunei	Energy Intensity	25% improvement in regional EE by 2030
Cambodia		No numerical goals
China	Energy Intensity	20% improvement during 11 th 5-year plan (2006–11)
Indonesia	Energy Elasticity	Less than 1.0 in 2025
	Energy Intensity	Reducing 1%/Y until 2025
Japan	Energy Intensity	30% improvement by 2030 from 2003 level
Korea	Energy Intensity	46.7% reduction by 2030 from 2006 level

EE Goals in Asia Pacific



reported under East Asia Cooperation

Country	Indicator	Goals
LAO PDR		No numerical goals
Malaysia		No numerical goals
Myanmar	TPES in 2005	5% saving by 2020 10% saving by 2030
NZ	Energy Intensity	40% improvement by 2025 from 1995 level
Philippines		No numerical goals
Singapore	Energy Intensity	20% by 2020 from 2005 level 35% by 2030 from 2005 level
Thailand	Energy Intensity	25% reduction by 2030 from 2010 level
India		No numerical goals
Viet Nam		No numerical goals

Common Barriers



- ***Subsidies on fossil fuels***
- ***Limited access to financing***
- ***EE as low priority***
- ***Lack of confidence in technologies***
- ***Limited EE capacity***

Notable Energy Efficiency Measures

for Market Transformation (1)

- Regulations on Large Energy Users
 - ▣ Energy Management Standards
 - ▣ Appointment of Energy Managers
 - ▣ Practice Good Energy Management
- Financial Measures
 - ▣ Grants
 - ▣ Tax incentives
 - ▣ Soft loan program

Notable Energy Efficiency Measures

for Market Transformation (2)

- Energy Standards and labeling
 - MEPS / HEPS
 - Household Electric appliances – air conditioner, refrigerator, lighting
 - Building energy codes
- ESCO promotion
 - China, Japan, Korea, Thailand, Malaysia
 - large industry and public buildings
 - Promotion campaign; Financial Access

Notable Energy Efficiency Measures

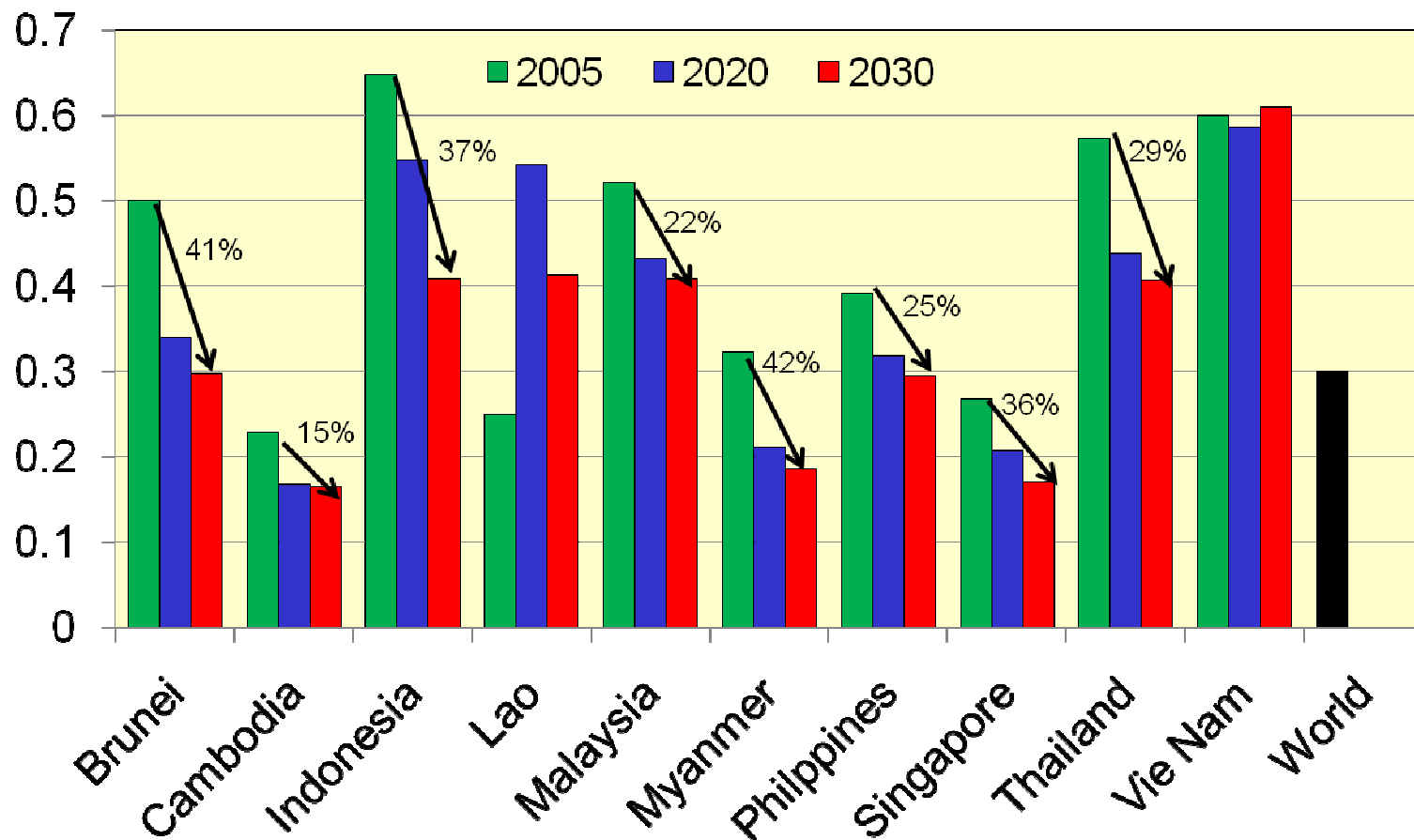
for Market Transformation (3)

- Capacity Building
 - ▣ Industry / Commercial
 - ▣ High energy consuming equipment
 - ▣ Good Energy Management (AEMAS)
- Awareness Raising
 - ▣ Awards Program (National / Regional)
 - ▣ Earth Day Campaign
 - ▣ Car-pool Campaign
 - ▣ Public Building Campaign



Projection of Improvement

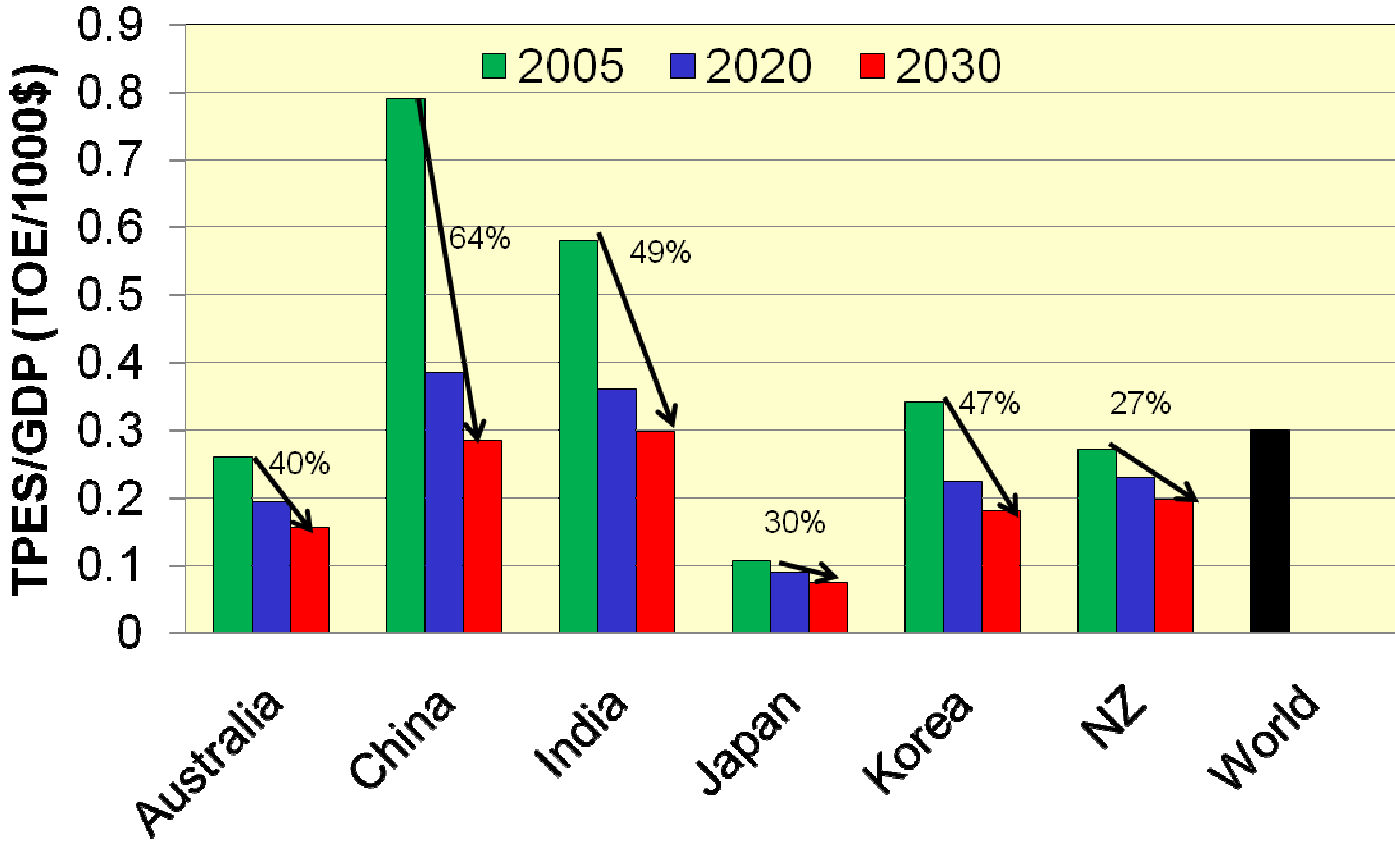
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Conclusion



- EE are the most effective way to achieve energy security and clean environment
- Many countries in Asia Pacific region are actively promoting EE with specific target
- International Cooperation plays a major role, especially for developing/low-income countries
- UN may play a role to consolidate and strengthen the efforts



Thank you very much