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Energy Regulatory Commission
Office of the Energy Regulatory Commission

Session I:

SAFEGUARDING ENERGY TRANSITION GOALS

Accelerating the low-carbon transition in Southeast Asia

Pierre Noël

TBI Global Advisory

TBI Helps Political Leaders Deliver the Transition

Finance
investment in clean energy

Technology
for RE-based energy systems

Politics & Geopolitics
of the energy transition

Finance the transition by

- Creating markets
- Advancing specific investment
- Accessing climate finance

Future-proof power system
via advance tech for

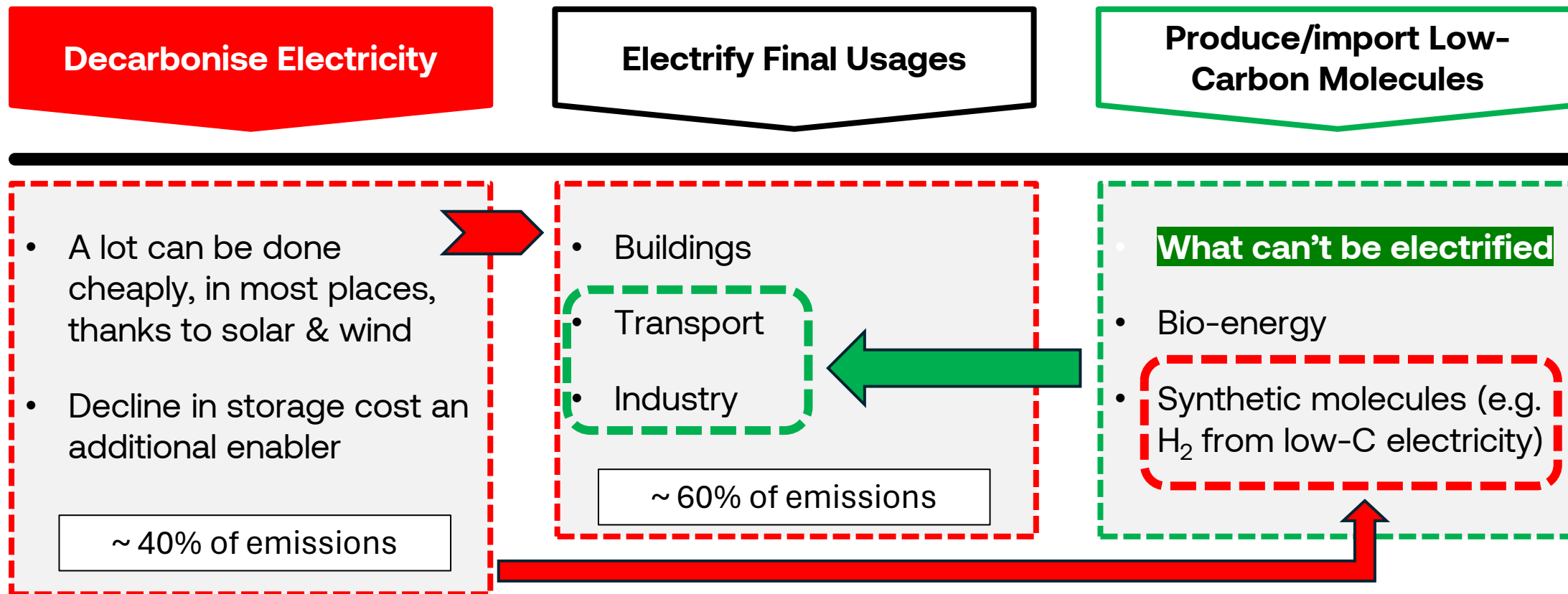
- RE output forecast
- Grid stability
- Smart distribution grids

Helping political leaders with

- Politics of sector reform
- Strategic narrative
- International engagement

- TBI supports political leaders with **strategy, policy and delivery**
- We support 35 governments in Africa, Asia, the Americas and E. Europe

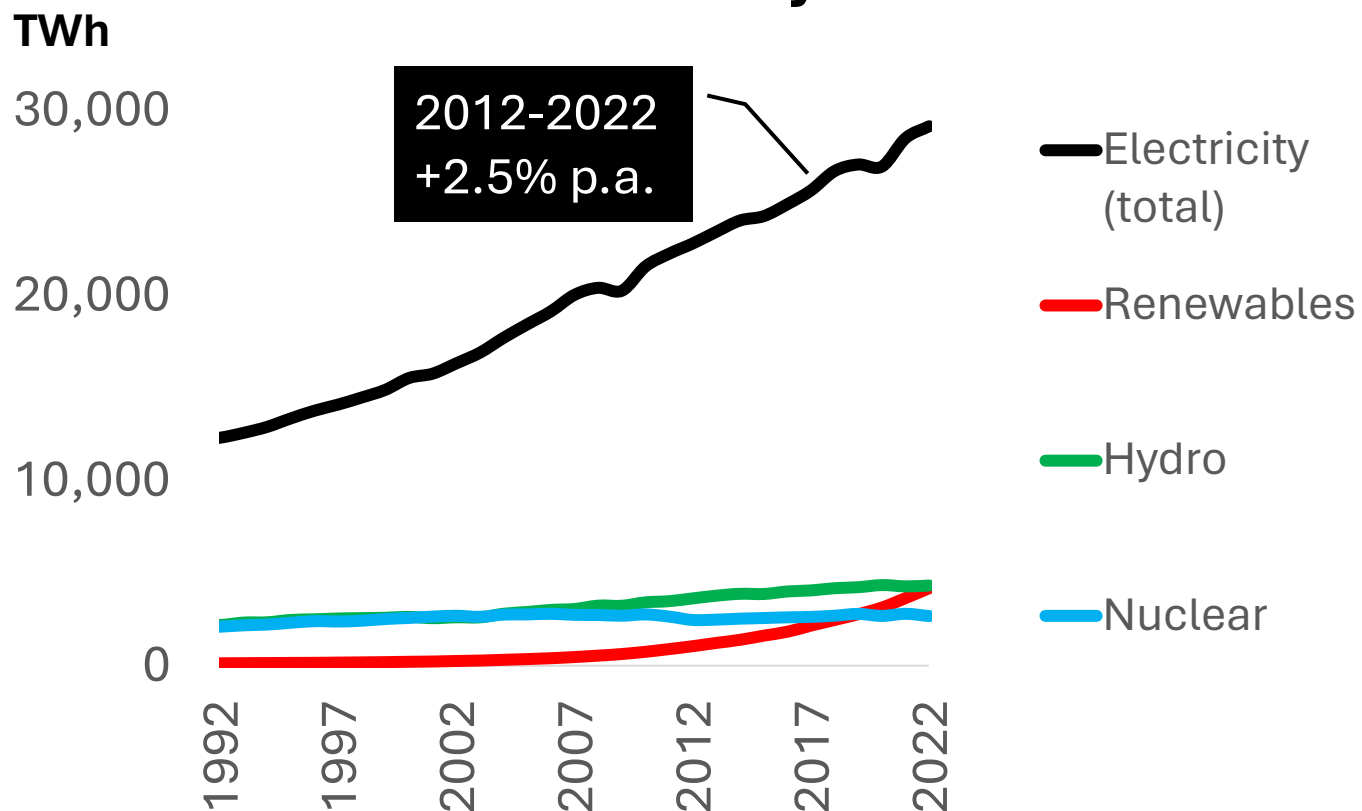
The Low-Carbon Transition Process



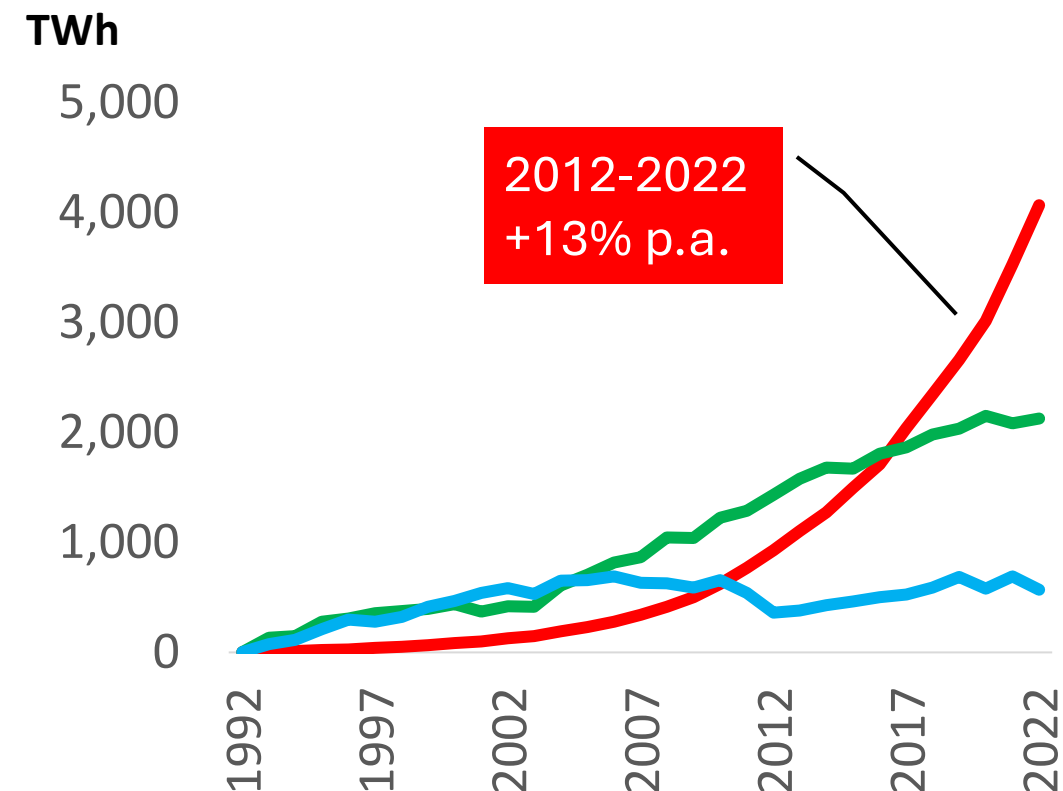
- **Low-carbon electricity** is the key enabler
- Harnessing **cheap renewables** is a no-regret policy

Solar & wind are changing the World

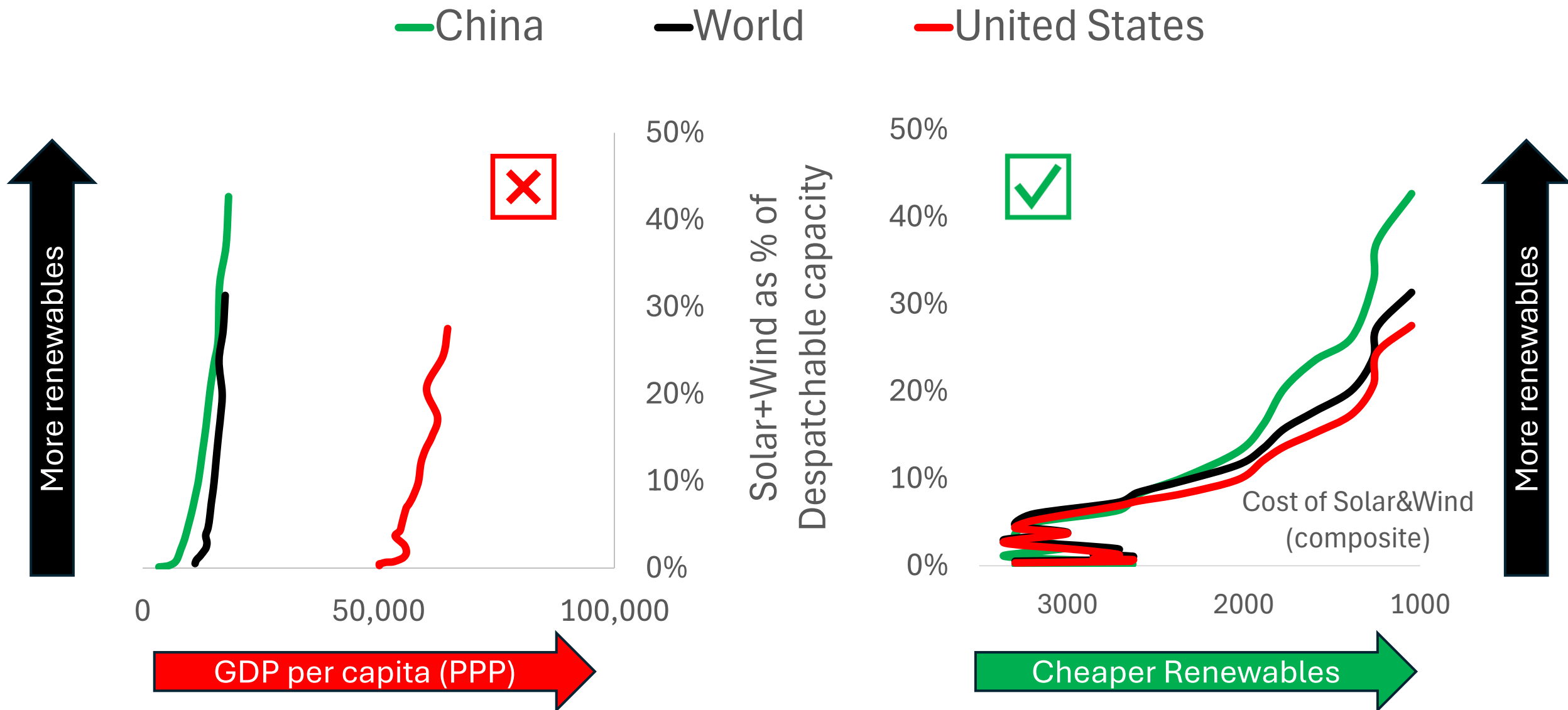
World Electricity Generation



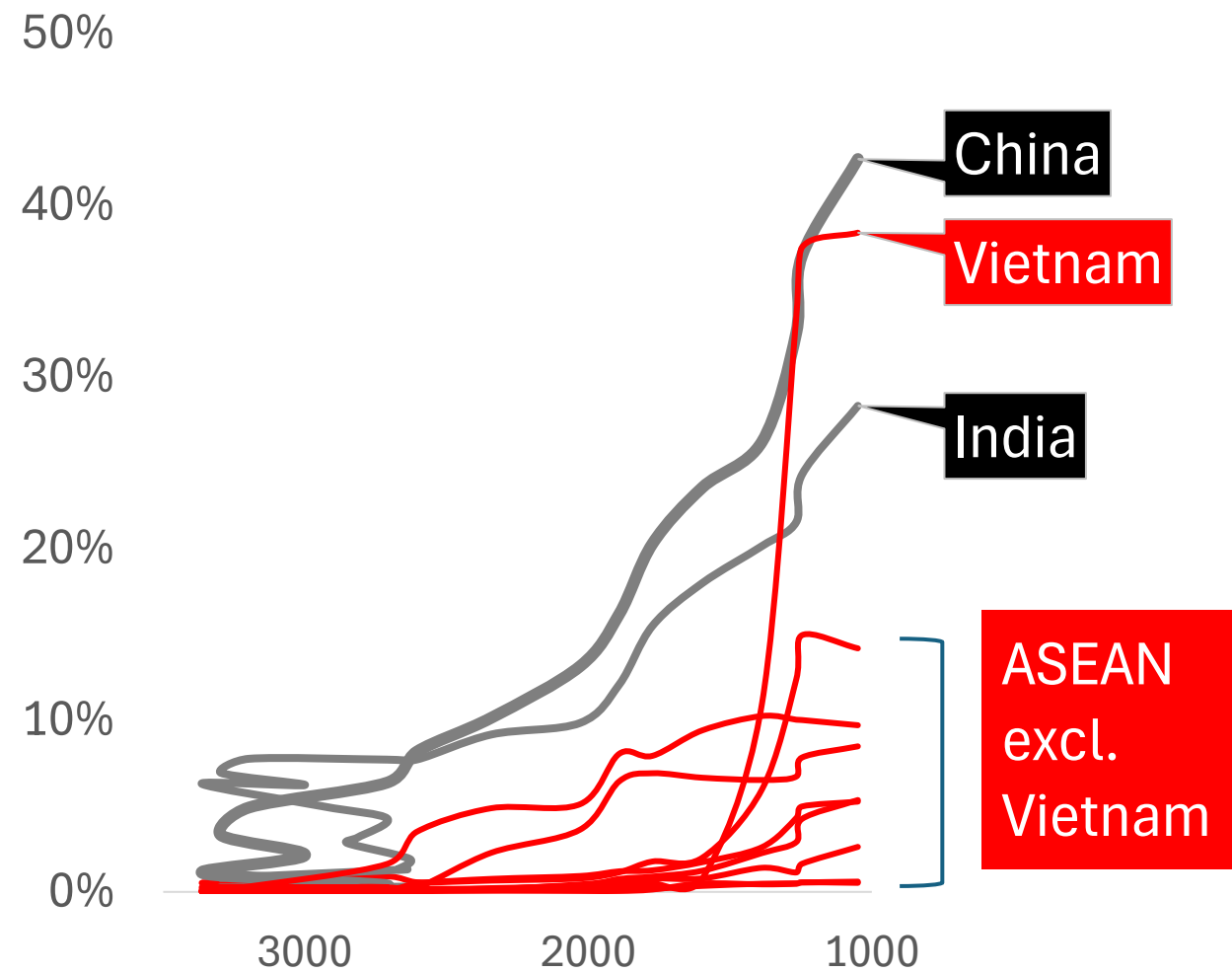
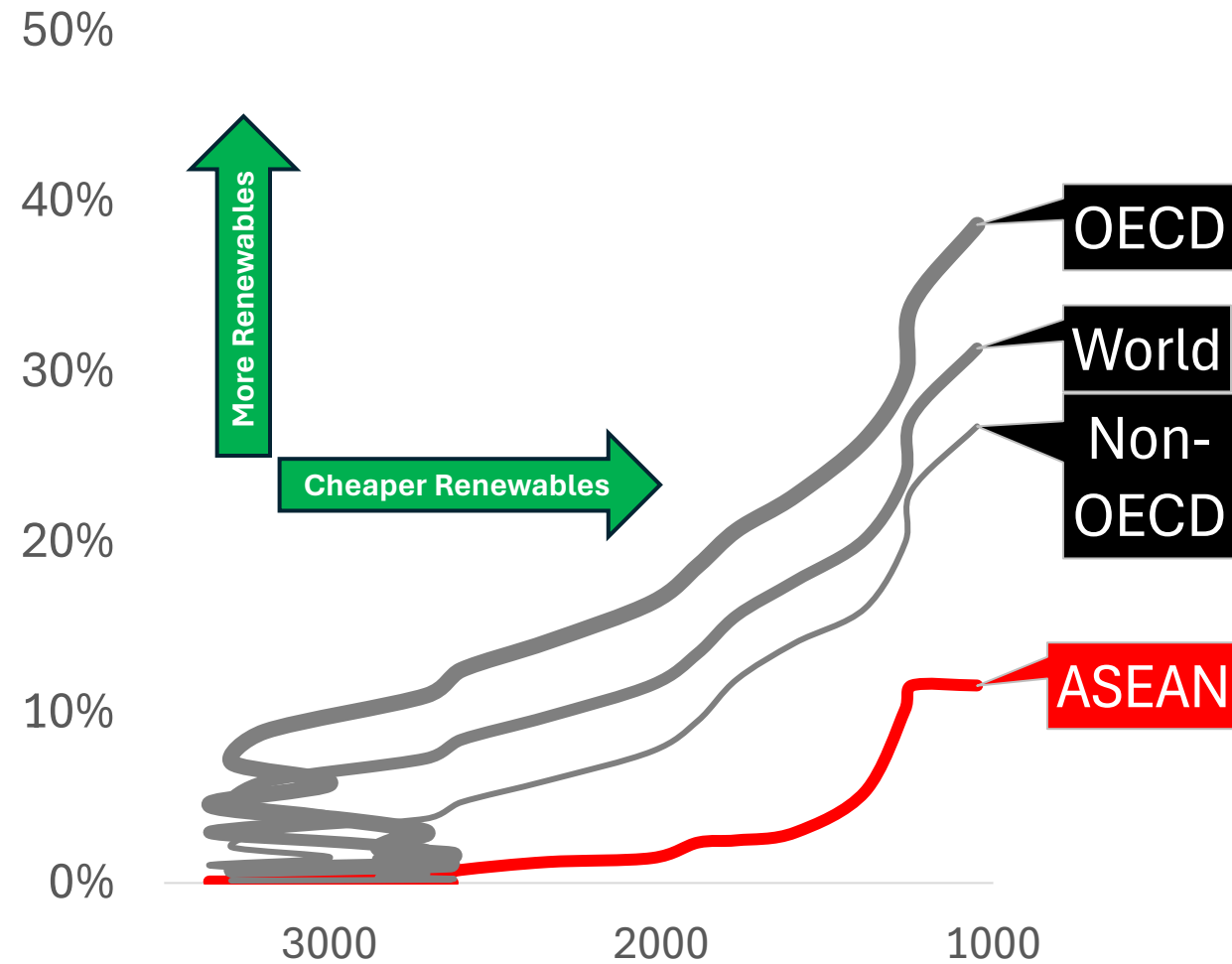
Cumulative growth (low-carbon)



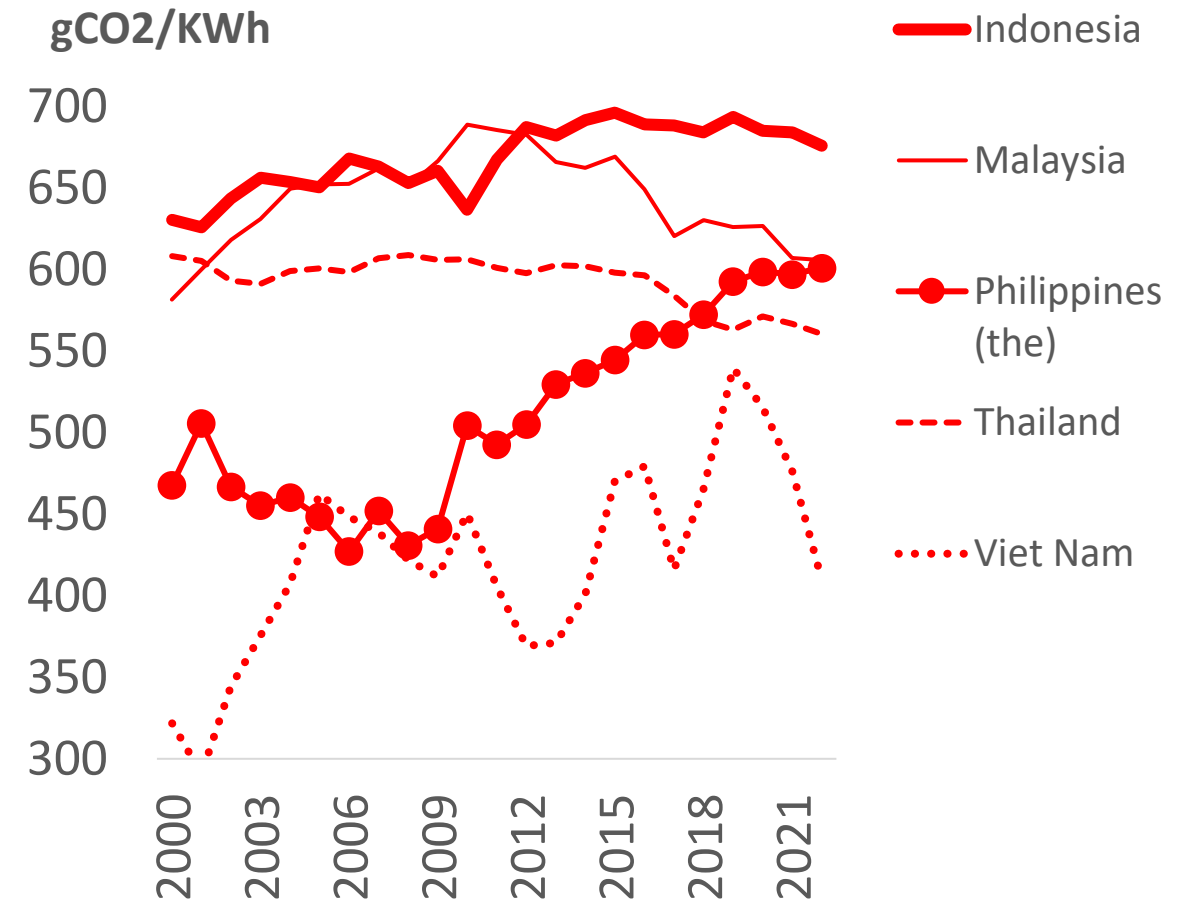
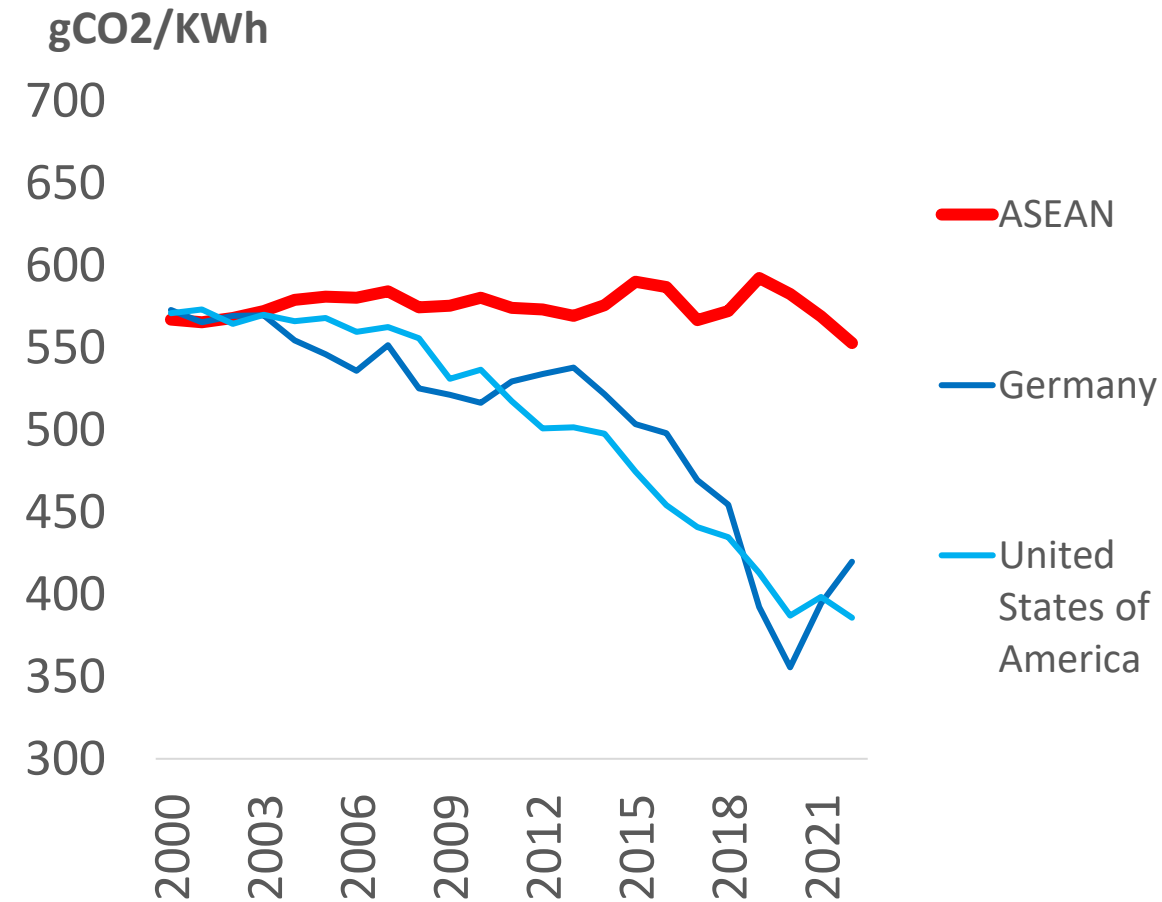
Renewables' growth is driven by cost, not GDP



Southeast Asia is lagging...

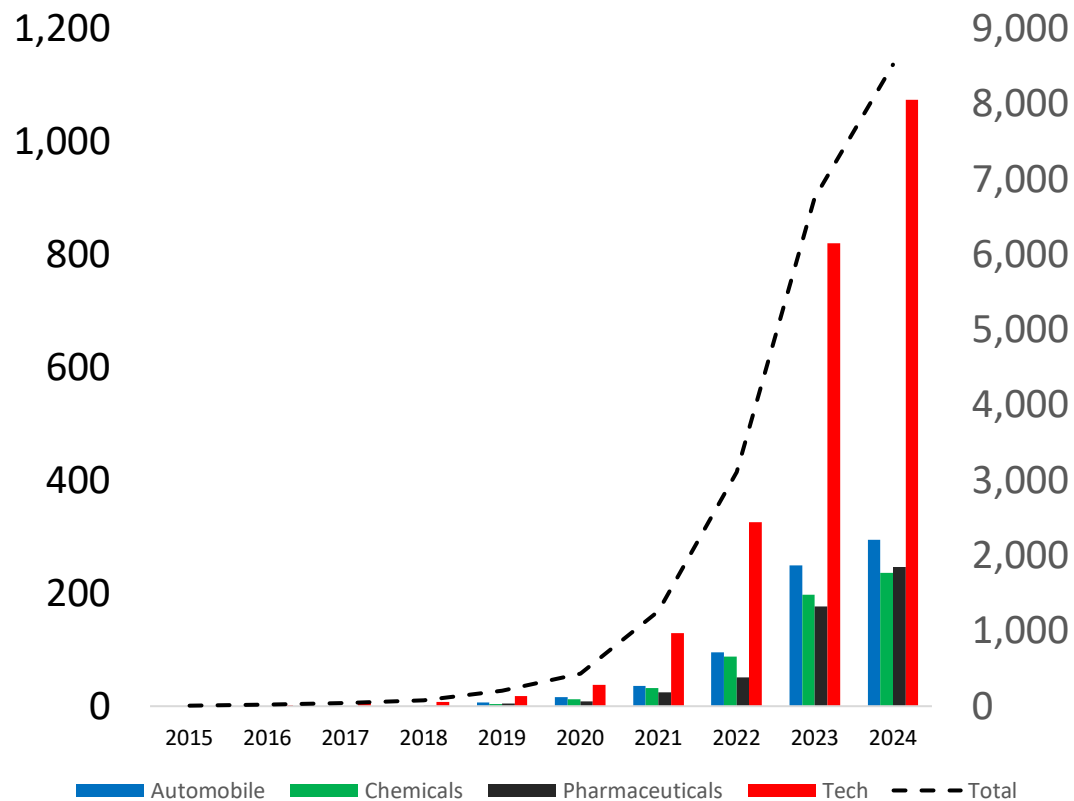


...electricity remains very carbon-intensive

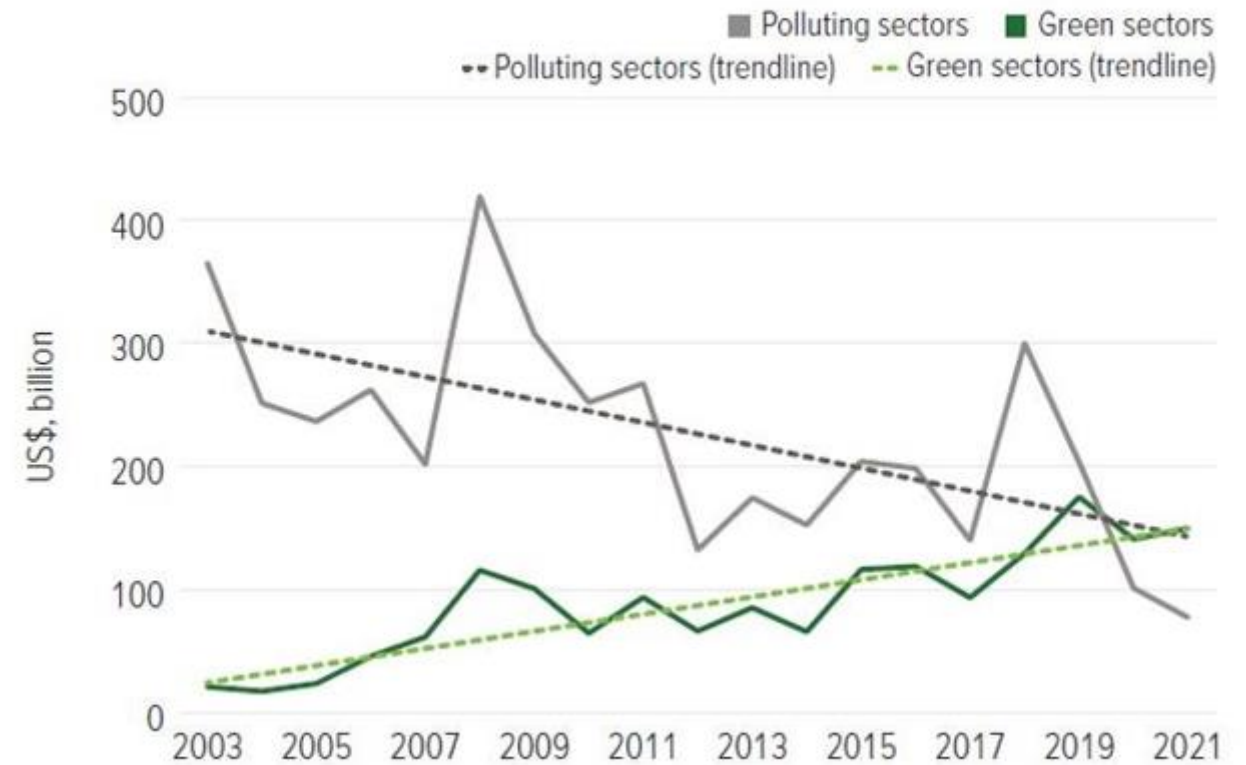


...as transition is re-shaping globalisation

Science-Base Targets Initiative: membership across sectors



a. Greenfield FDI announcements



Right-hand chart from World Bank

The Role of Energy Regulators

If Government Strategically Committed

- Emulate (adopt and adapt) what works elsewhere
- Stay ahead of the curve to answer political questions & challenges

If Government Not Yet Strategically Committed

- Relentlessly point at the blockers to RE / transition
- Make the economic case for RE / transition
- Lobby for incentives / efficiency / market experiments
- Think seriously about transition costs / losers' compensation
- Convince political leaders to work with TBI...

- Regionally, develop a **shared vision & language** to shape discourse



ERRA

21st Annual Conference
ENERGY REGULATORS FORUM

CO-LOCATED WITH FGA

Adaptive Regulation in Energy Transition

15 - 17 MAY 2024 | Bangkok, Thailand

Thank You

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