

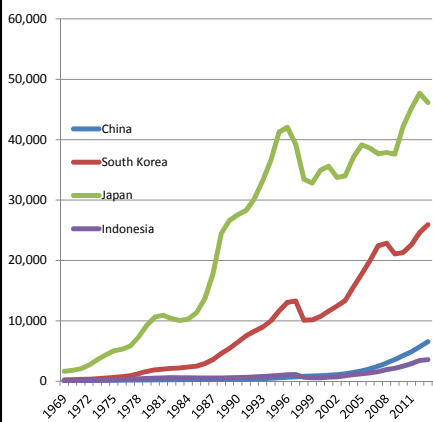
How Asian Countries Can Pursue Their Development While Contribute to Climate Stabilization

By Emil Salim

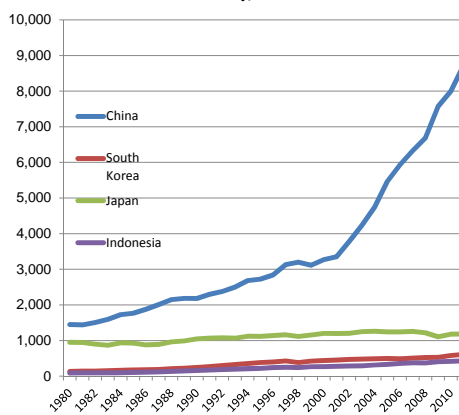
The International Forum for Sustainable Asia and the Pacific (ISAP)
Yokohama, 23 July 2014

Is It Possible for Development with Low CO2 Emissions?

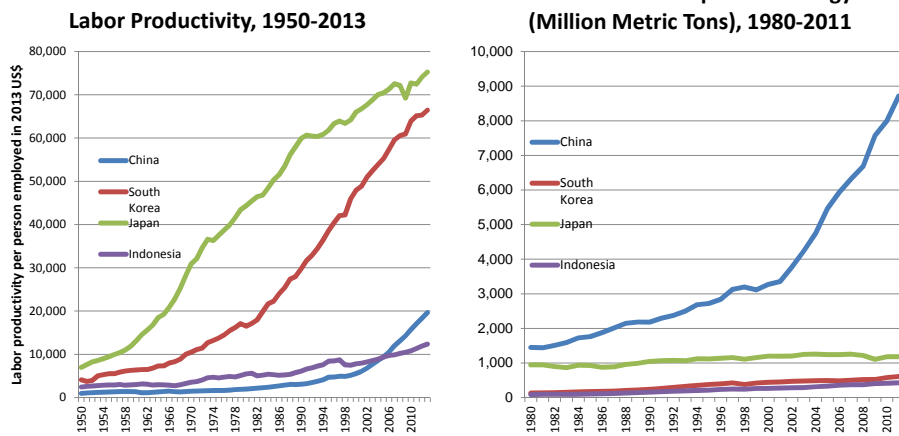
GNI per capita, Atlas method (current US\$), 1969-2013



Total Carbon Dioxide Emissions from the Consumption of Energy (Million Metric Tons), 1980-2011

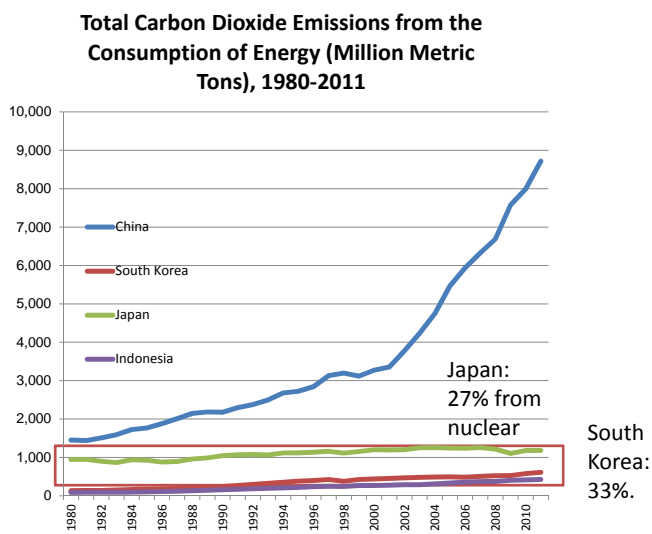


Is It Possible for Development with Low CO2 Emissions?



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Factor To Consider: Total Electricity Generation



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Innovation: How to Use Coal, the Most Abundant Energy in the Area, in a Climate-friendly Manner?

- Frontier technology, innovative leapfrog, Asia-specific commonalities?
- Priority actions regarding technology transfer and finance?

We propose International Rice Research Institute (IRRI) as a model.

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IRRI As A Model

- The International Rice Research Institute (IRRI) is an international independent research and training organization, was established in 1960 to develop new rice varieties and rice crop management techniques with finding sustainable ways to improve the well-being of poor rice farmers and consumers as well as the environment in mind.
- IRRI is well known for its contribution to the "Green Revolution" movement in Asia during the late 1960s and 1970s.
- The varieties developed at IRRI, known as IR varieties, are well accepted in many Asian countries. In 2005, it was estimated that 60% of the world's rice area was planted to IRRI-bred rice varieties or their progenies.
- A report published by the Australian Centre for International Agricultural Research in 2011 found IRRI's breeding work delivered an annual benefit of US\$1.46 billion per year and boosted rice yields up to 13%.

Source: en.wikipedia.org

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Conclusion

We propose an IRR type for Asia clean coal energy development that provides:

1) Clean and cheap coal energy for Asia energy security.

2) Stronger Asia corporation through technological innovation and development in:

- Carbon capture storage (CCS);
- Clean coal development.

Asia can lead the world toward a transition to new era of low carbon societies.

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