

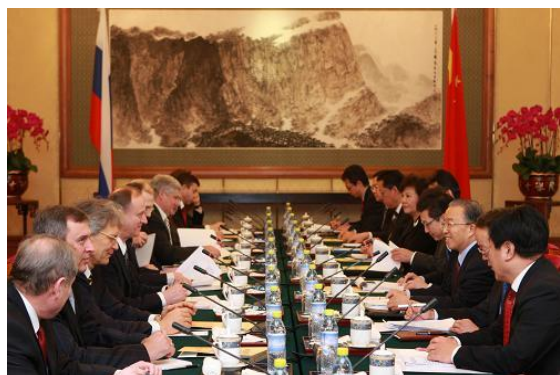
Strategy Adjustment 2: Strengthen international cooperation and increase more energy sources.



Sino-Kazakhstan Natural Gas Pipeline Completion Ceremony



Sino-American Cooperation on Shale Gas



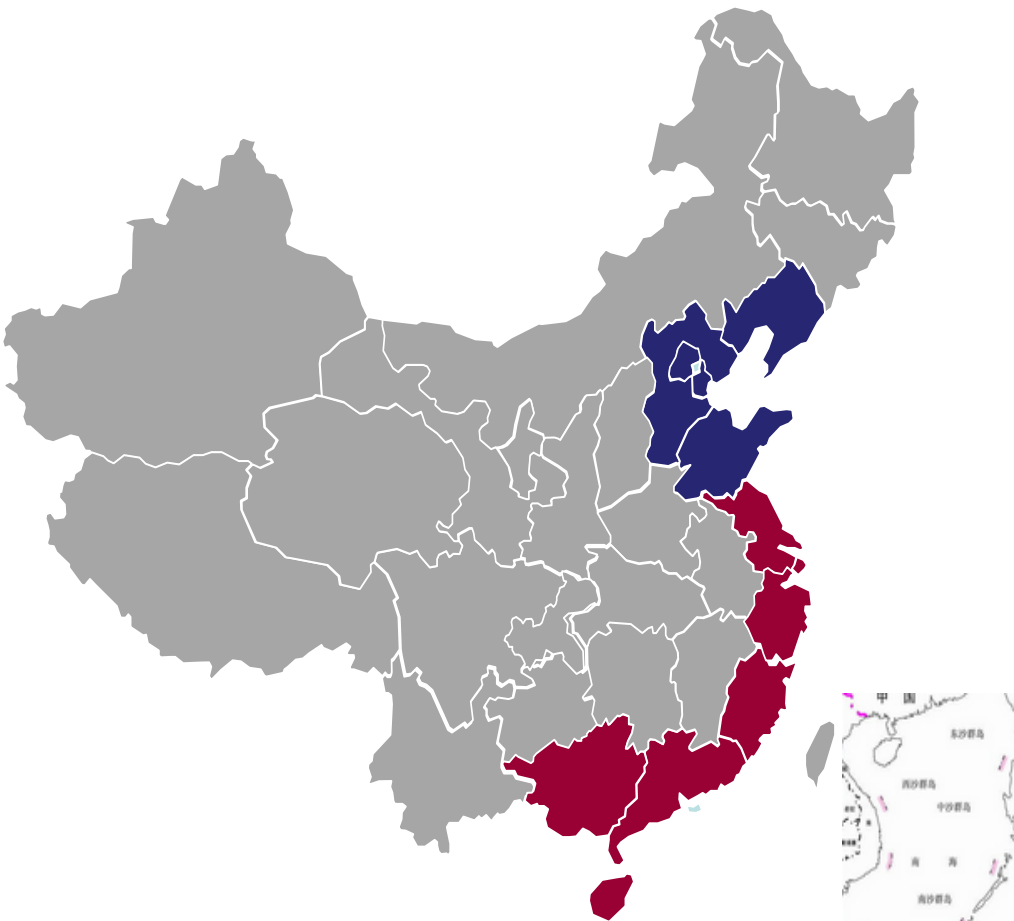
Sino-Russian Negotiation on Natural Gas



Sino-Danish Renewable Energy Development Program Kick-off Meeting

Multilateral cooperation is important, while bilateral cooperation in the energy field showed more fruitful results.

Strategy Adjustment 3: Ease the situations between energy supply and demand by importing to supply east coast provinces.

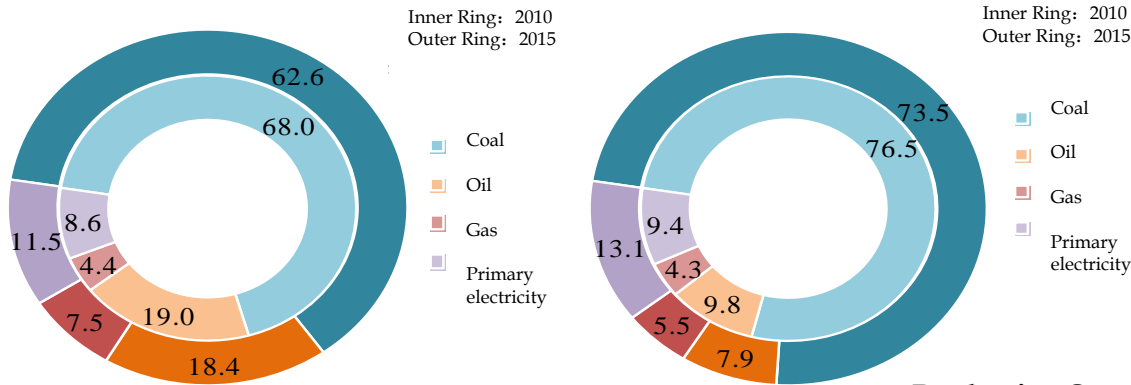


We should abandon the inflexible ideas that coal supply must be independent by long distance from the North to the South and from the West to the East, and that large scales ultra-high voltage transmission can secure national electricity supply. Instead, China should increase coal and LNG imports not only to balance supply and demand in the East and the West, but also to reduce the pressure on road transportation, to mitigate the coal resources developing intensity, and indirectly to protect the vulnerable natural environment and ecosystem.

Strategy Adjustment 4: Make the transition to low-carbon energy.

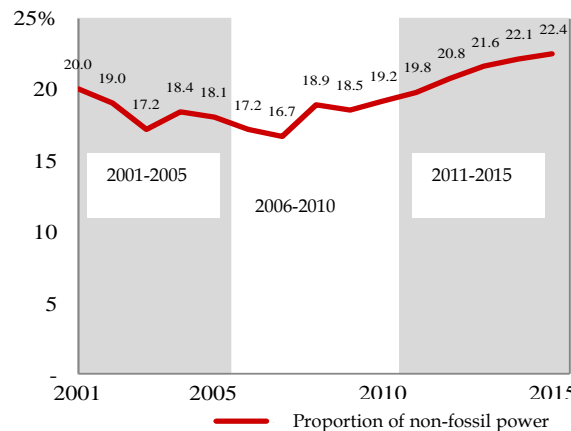
The energy-intensive development model should be replaced by the one driven by R & D innovation; more clean and low-carbon energy should be greatly used in order to replace the coal and other fossil fuels as quickly as possible. As the result, a more harmony relation can be formed between ecosystem, environment, and energy developing and consumption.

China's energy consumption structure (%)

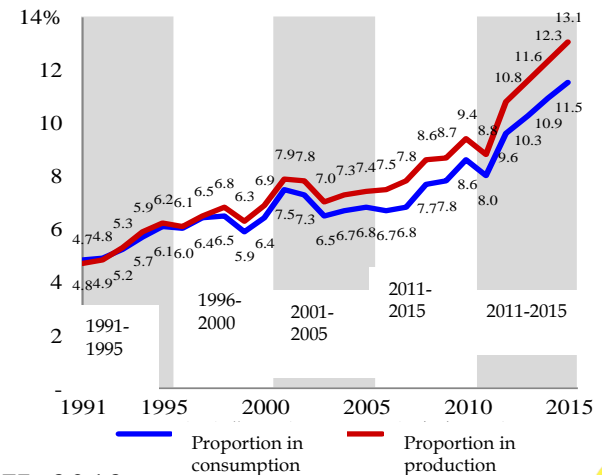


Proportion of non-fossil power in total energy consumption and production (%)

Consumption Structure



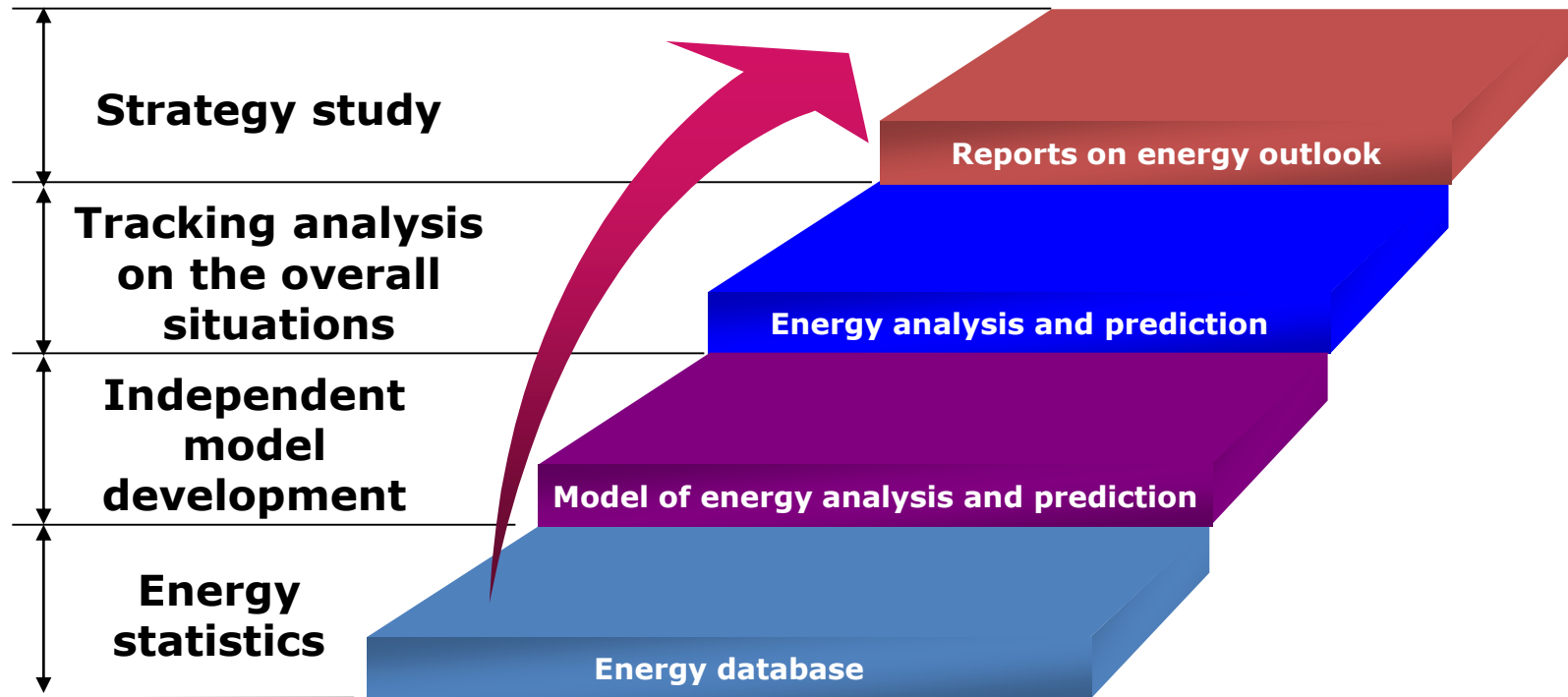
Production Structure



Strategy Adjustment 5: Capacity building

---strengthen independent analysis and international communication.

It is advisable to set up database, develop energy analysis model system based on China's own real and available data and scientific methodology, to finish the analysis on energy situations and write reports on energy outlook independently instead of relying heavily on external data, rigid and inflexible models, and extreme, one-sided views. We need more wide, transparent, close, and deep collaboration with international community on data transparency and modeling works.



Strategy Adjustment 6: Actively participate in global energy governance

1. Expand the functions on the basis of G20?
2. IEA reform: + BRICS?
3. Strengthen the power of IEF ?
4. Start from EC?
5. Establish a completely new organization?



The Energy State of the Nation(ESON)2015

China Energy Outlook



(on-going work in 2015)

Prof. Yang Yufeng/Energy Research Institute, NDRC, P. R. China

20 March, Australia

Development Milestone

