



国家发展和改革委员会能源研究所
Energy Research Institute, National Development and Reform Commission

CHINA

ENERGY OUTLOOK

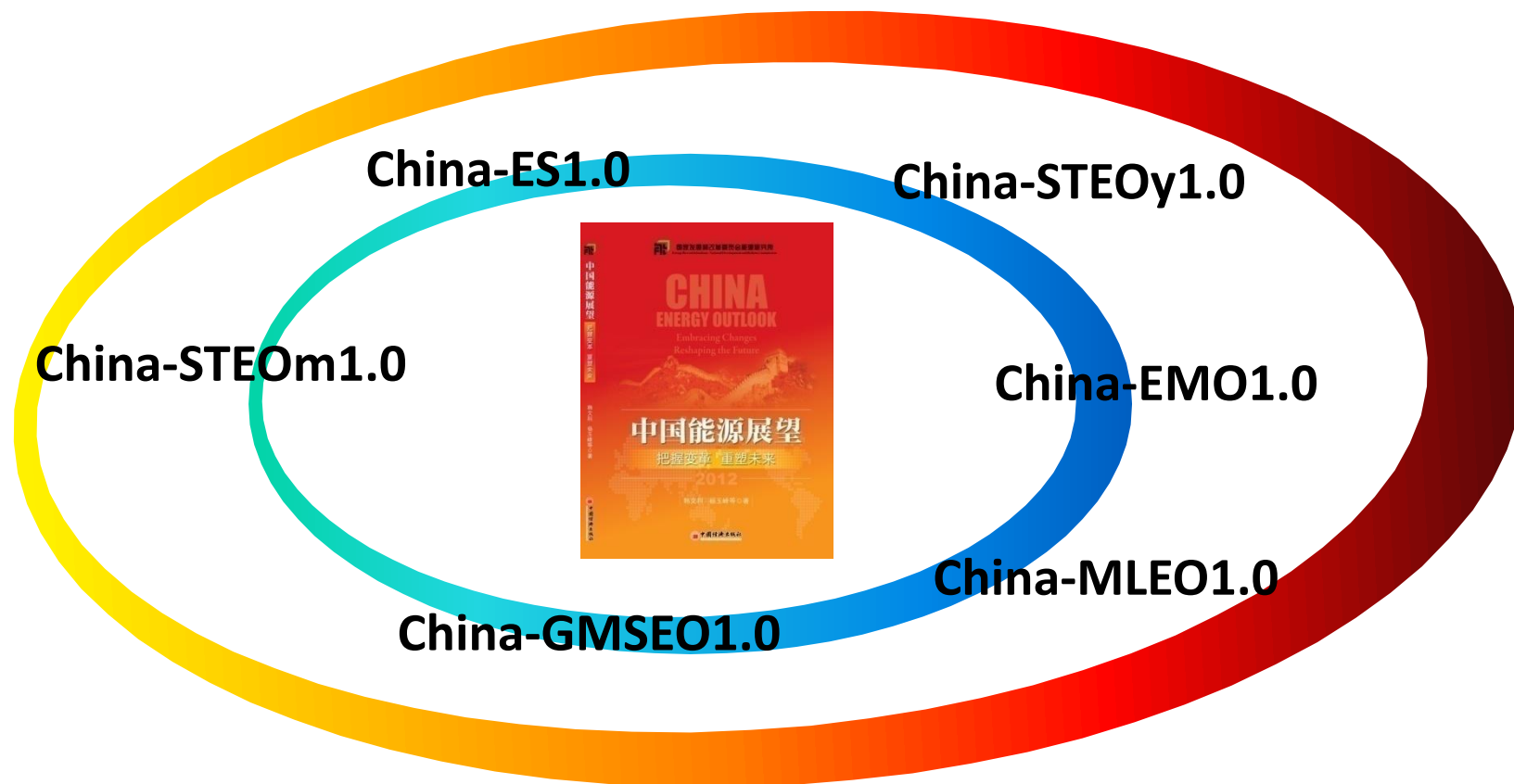
Embracing Changes

Look-back 2012 Version and Outlook 2015 Version

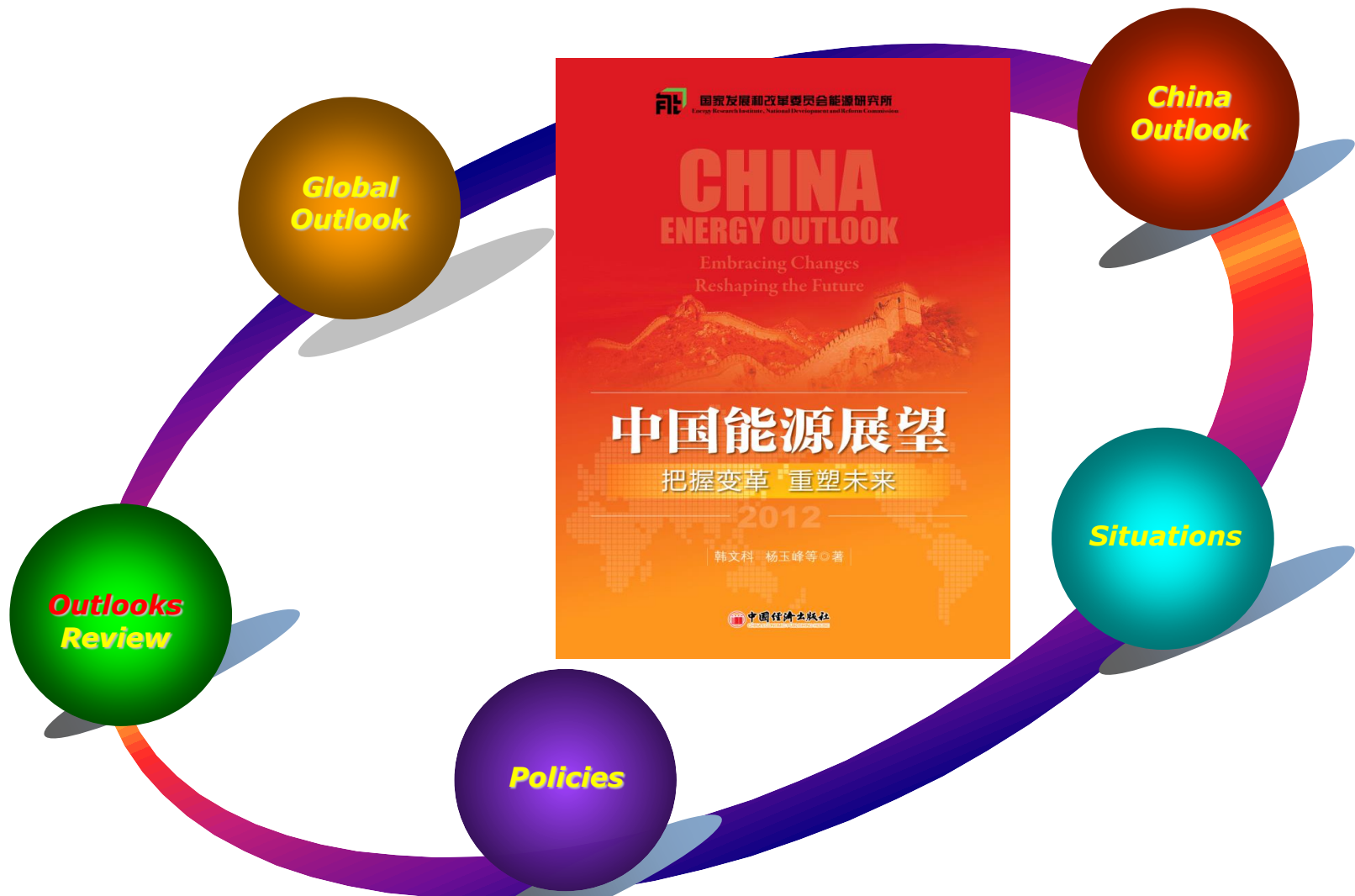
Prof. Yang Yufeng, Energy Research Institute, NDRC, P. R. China

ESON Forum, 20 March 2015, Sydney

Support System for China Energy Outlook - Independently Developed Modeling System



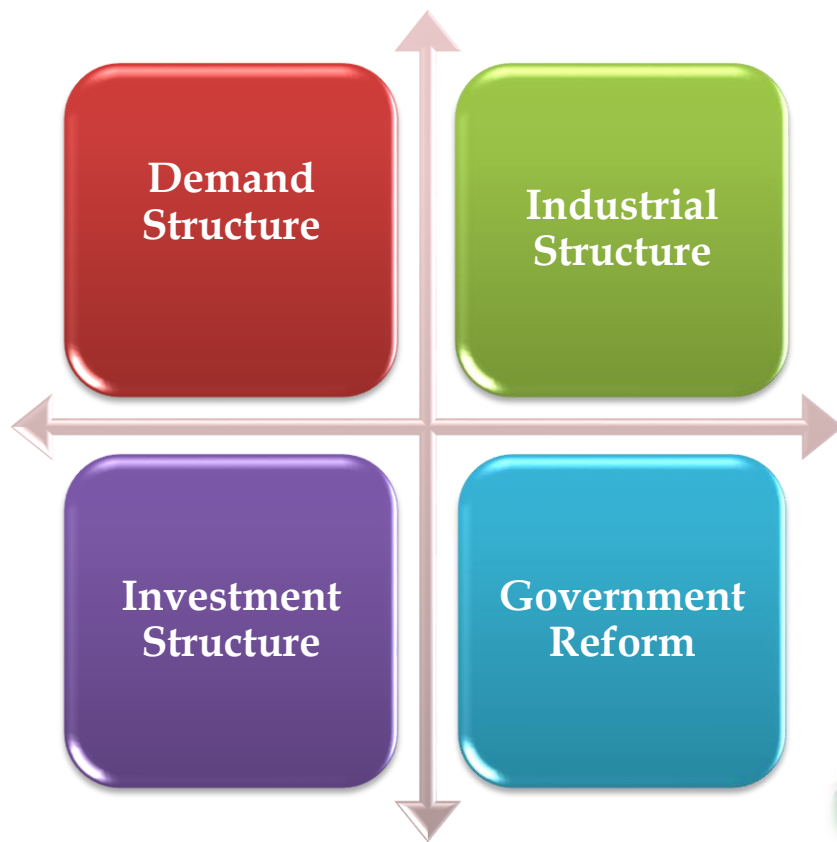
Contents – Five Parts



CHINA ENERGY OUTLOOK 2012

Conclusion 1: Deceleration and Transformation

Energy demand of both China and the rest of the world will be on the decline due to China's decelerating of economic growth and the global economic downturn. China's energy demand will fall by two percentage points while the growth rate of global energy demand will drop to 1-2%. As a result, the supply of coal and electricity in China will be relatively secure during the 12th five-year period.



Conclusion 2: Facing Serious Challenges

China's energy-economy is featured by **industrialization and urbanization** in the 11th Five-Year-Plan period (2000-2010) and will continue in next five years or even more long time. **Coal**, as the dominant supply energy in China, is increasingly facing **more and more unbearable and negative public reactions**. Issues regarding oil security will be more clear. The import increasing trend of natural gas will continue. Coal and power industry are still seriously unbalanced. Various bottleneck constraints are threatening to **undermine the development of non-fossil energy**.

