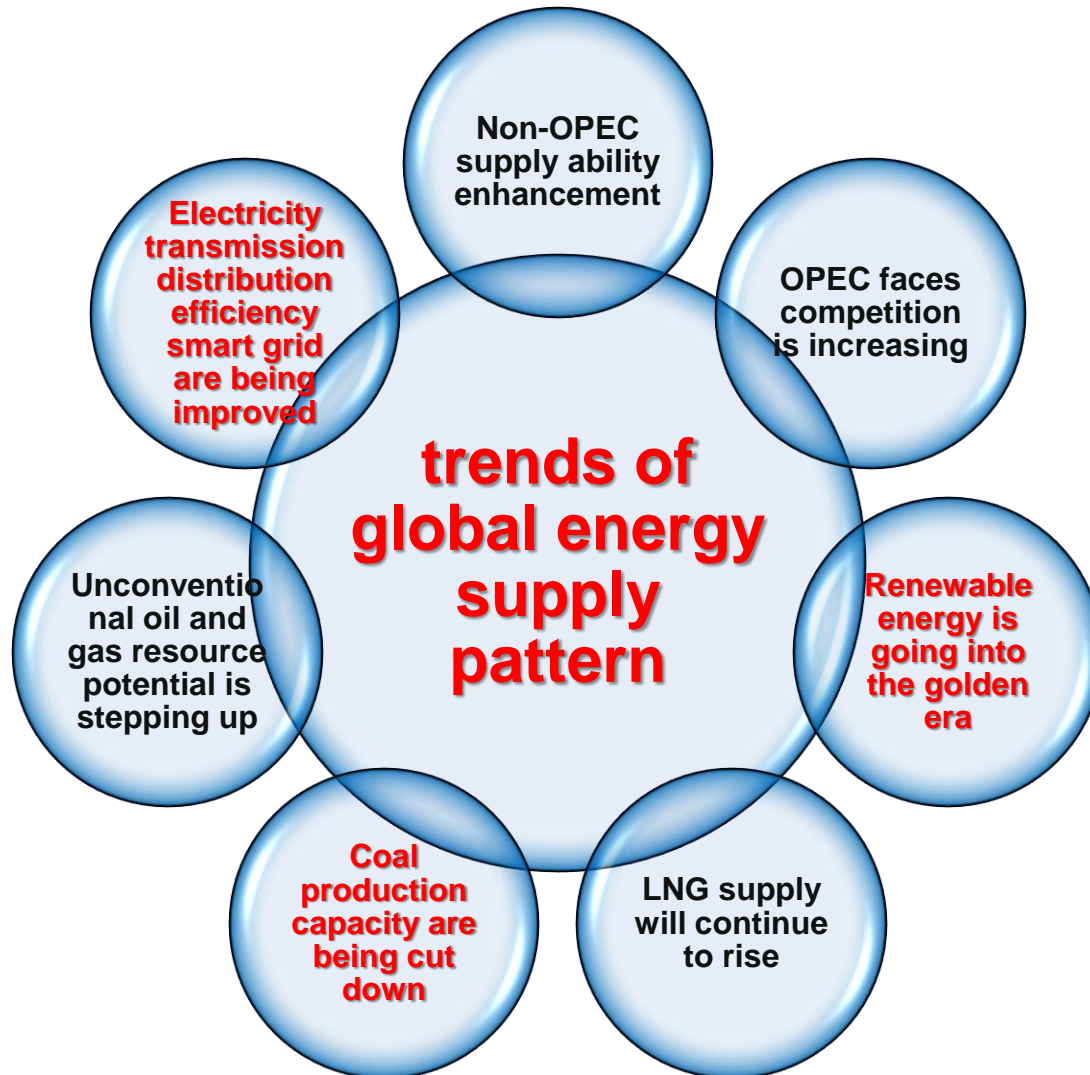
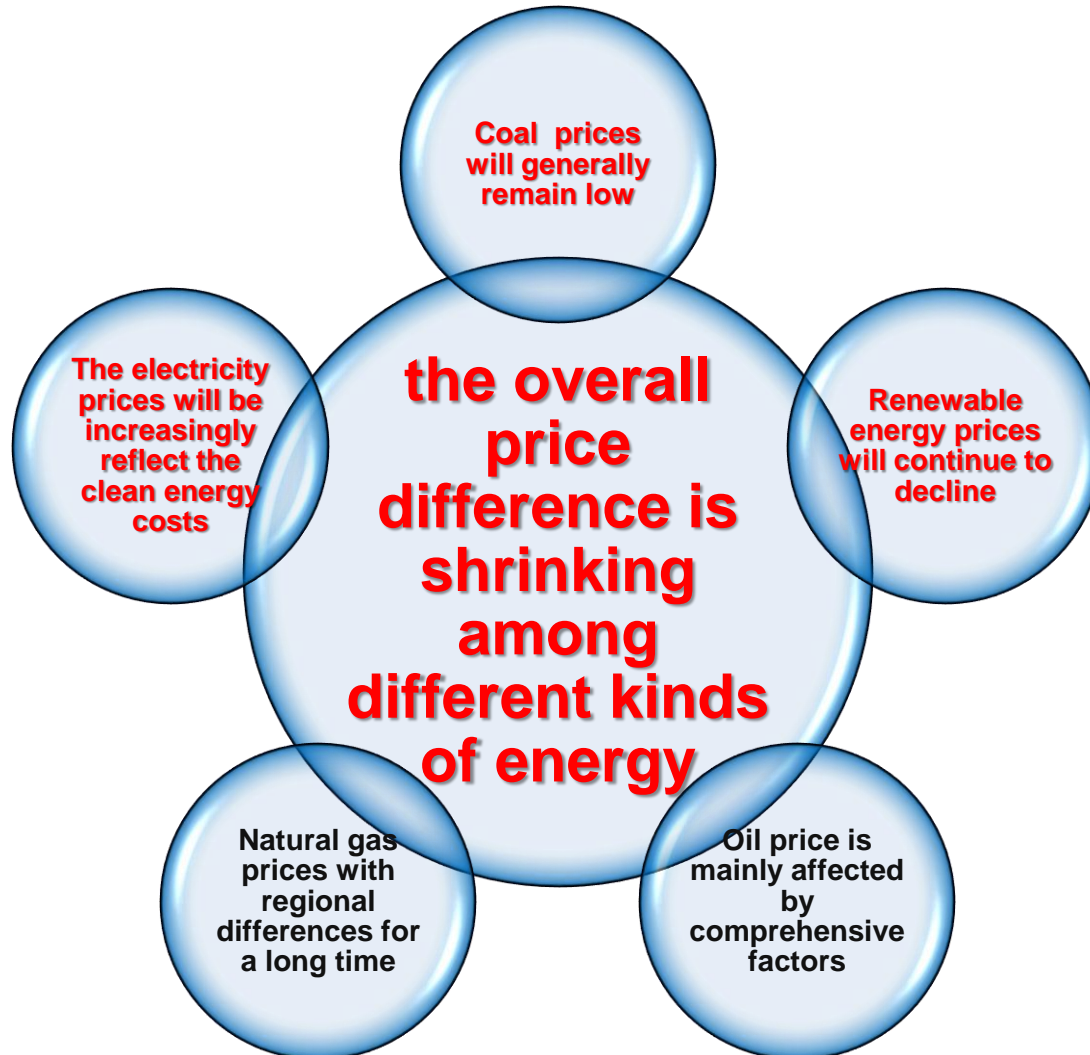


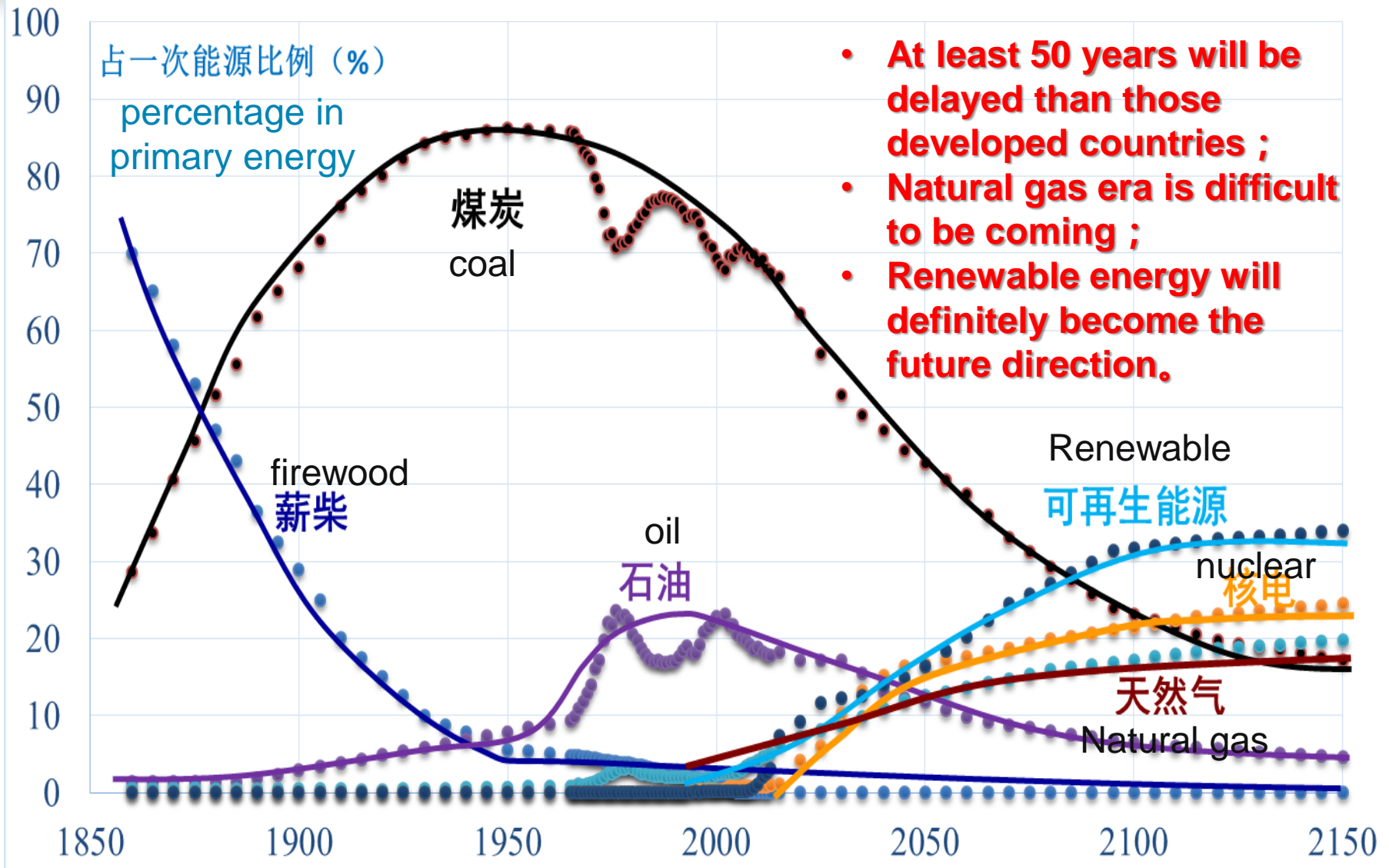
# Trends of Global Energy Supply Pattern



# Long-term trends of global energy prices

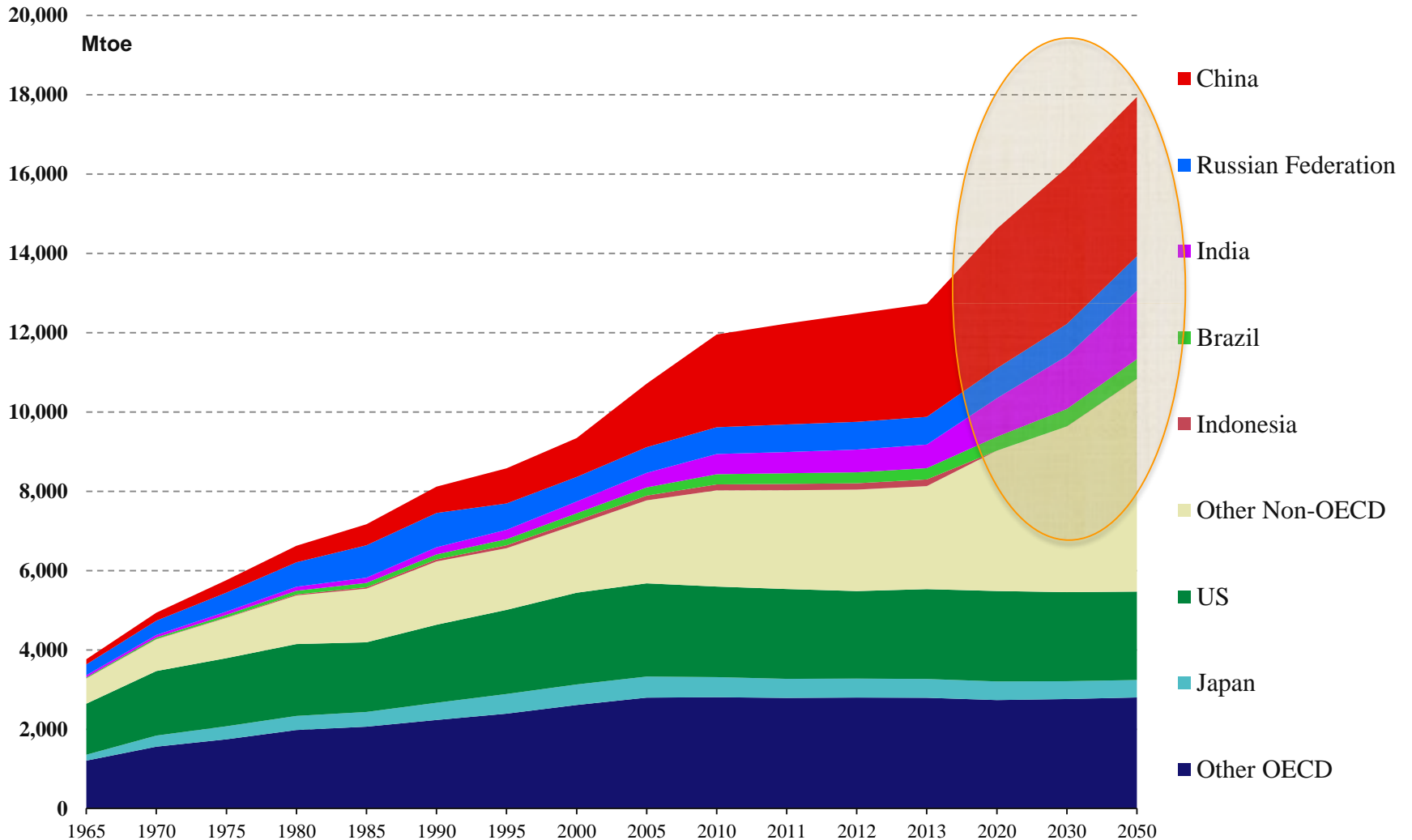


# When fossil fuels will end?

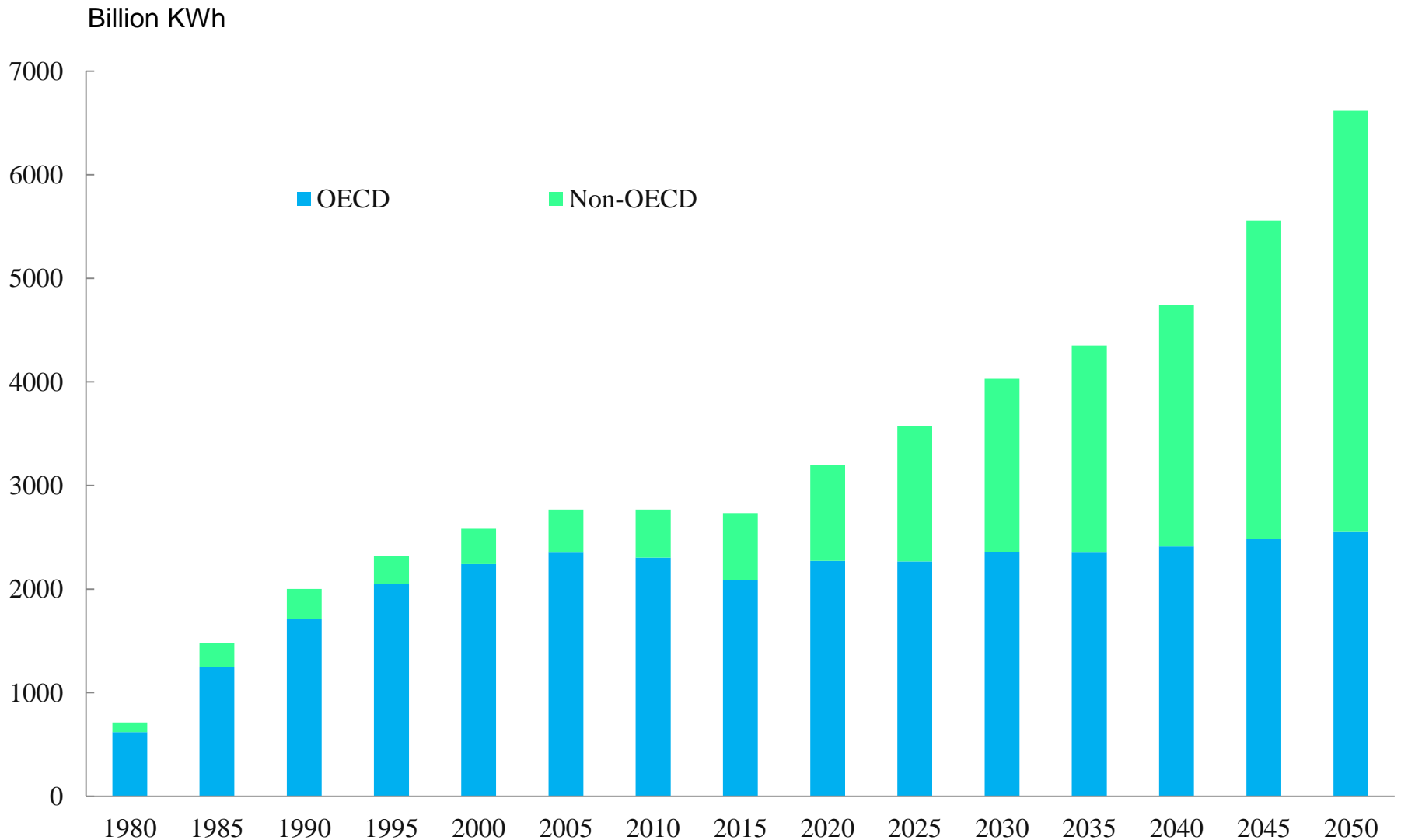


- At least 50 years will be delayed than those developed countries ;
- Natural gas era is difficult to be coming ;
- Renewable energy will definitely become the future direction.

# The impact of future global energy demand : The major emerging economies



# Nuclear power will still grow



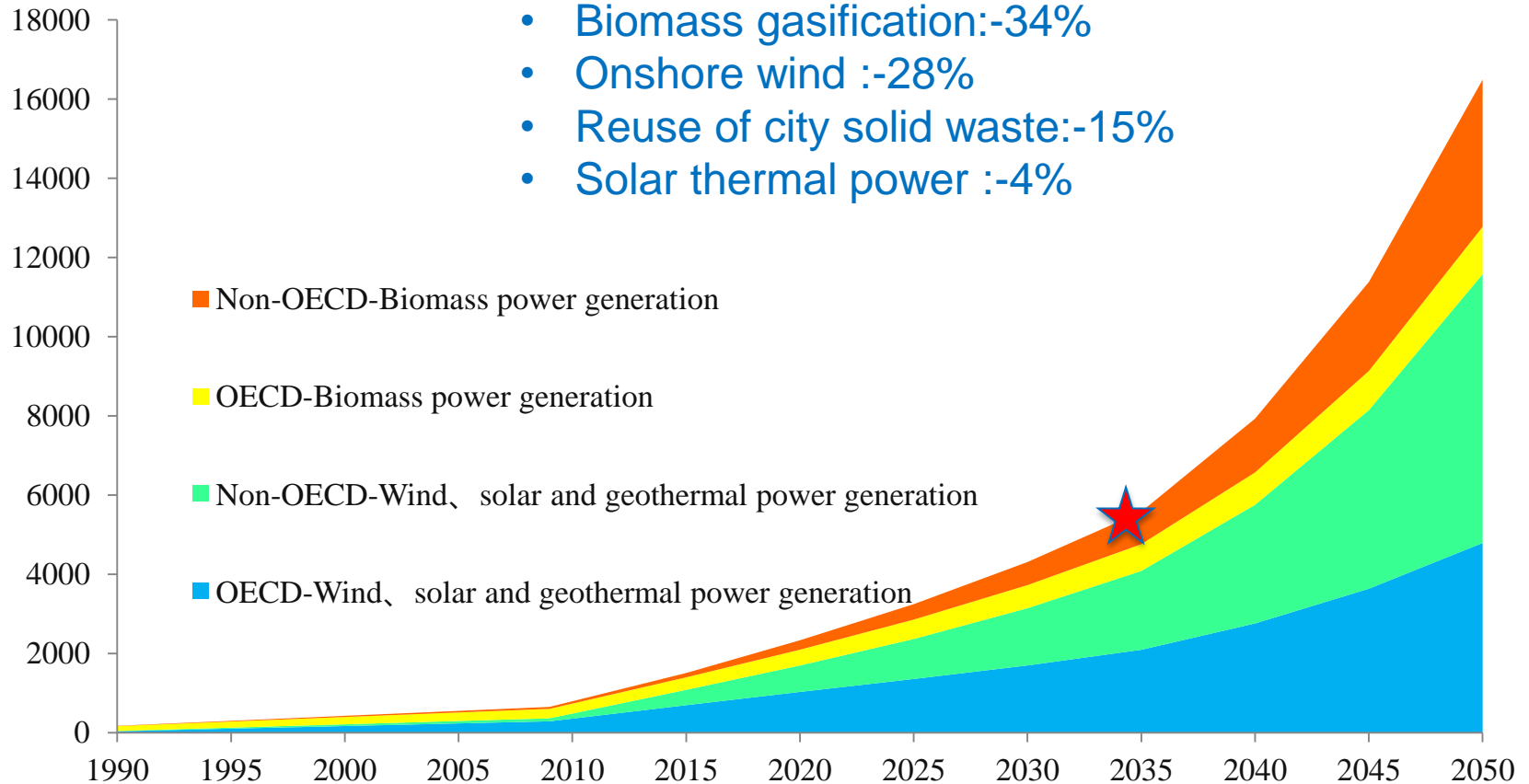
# Renewable energy will be in the dominated



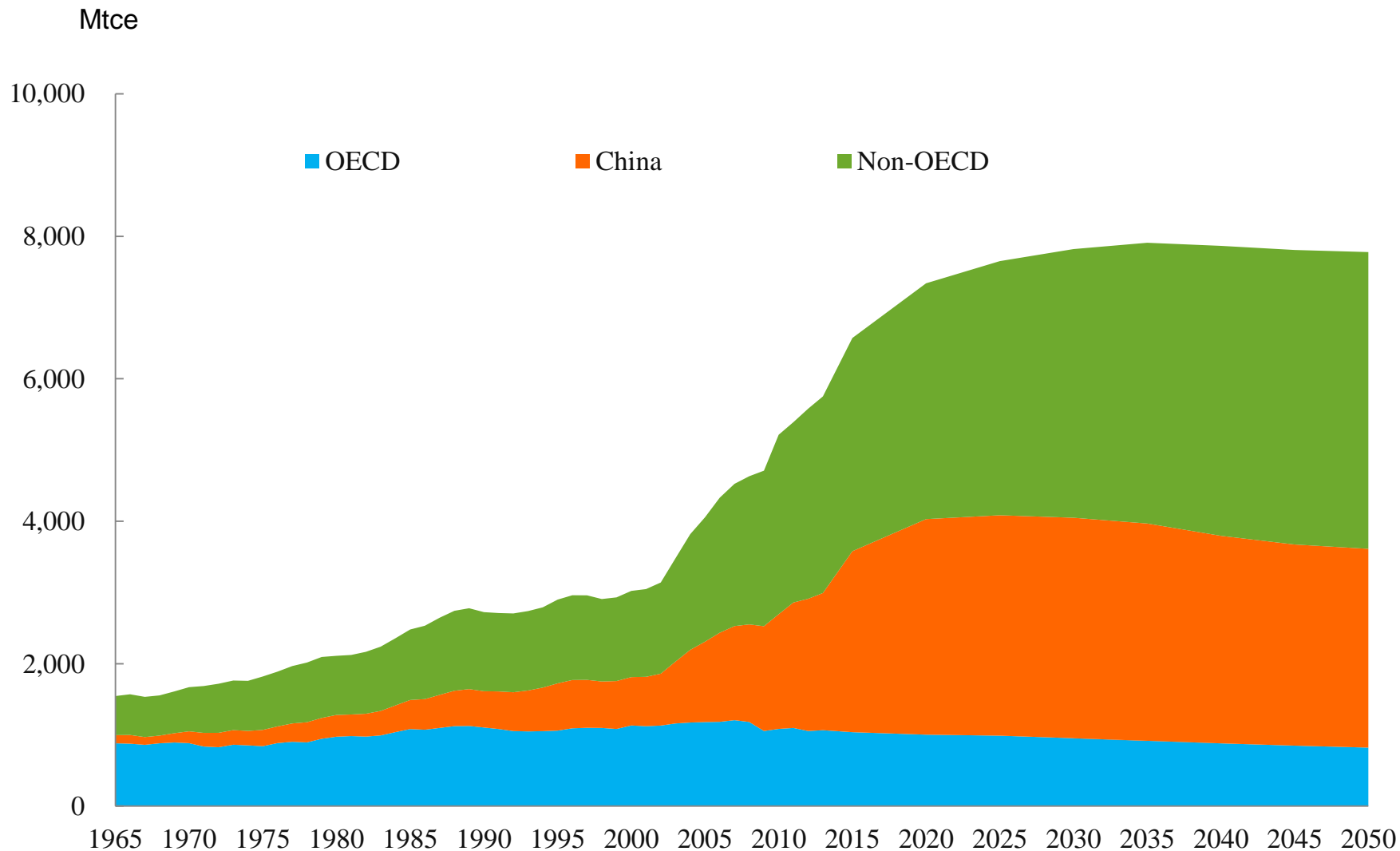
Billion KWh

## 2009—2014 Costs decline

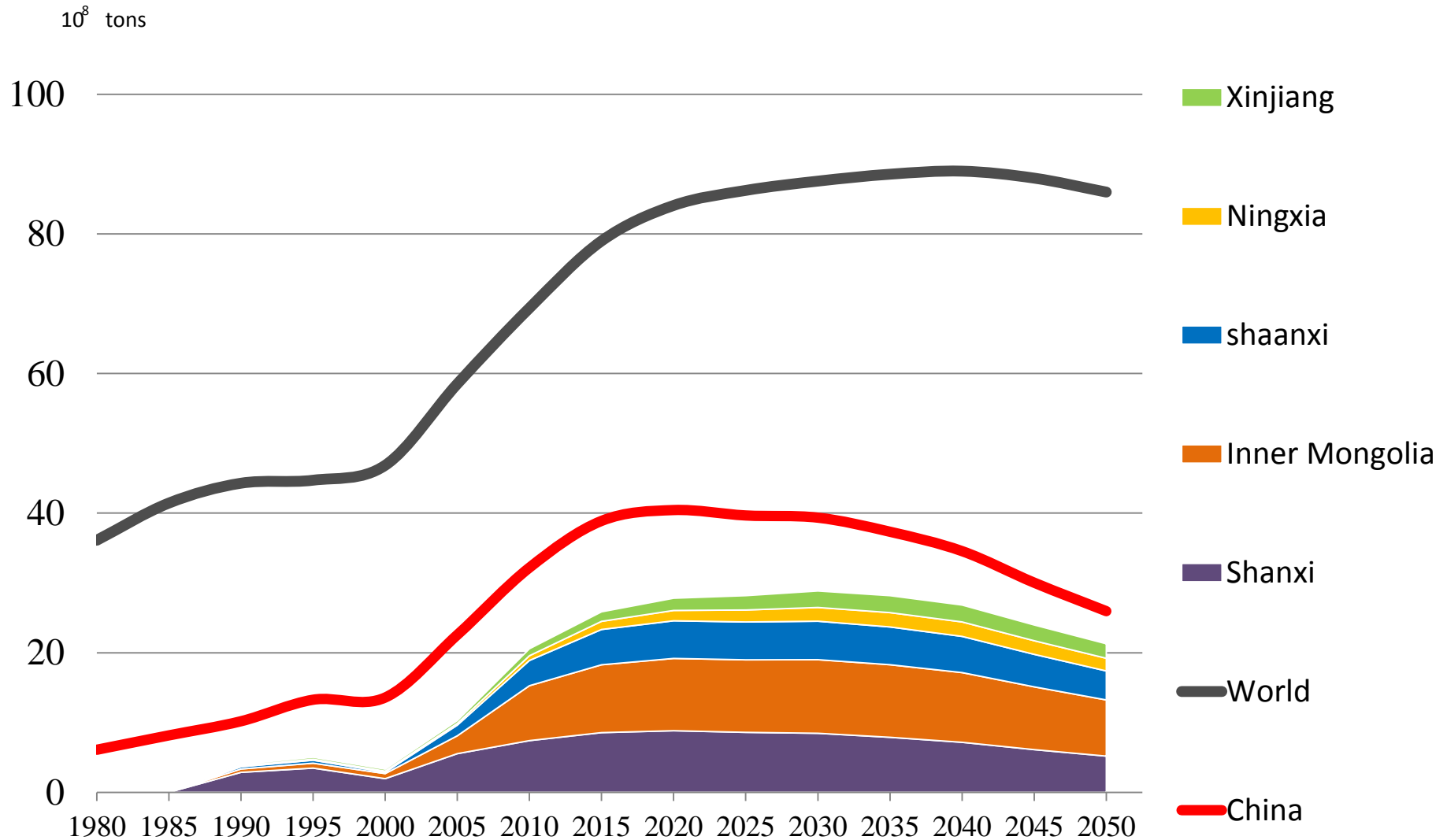
- PV:-53%
- Biomass gasification:-34%
- Onshore wind :-28%
- Reuse of city solid waste:-15%
- Solar thermal power :-4%



# The role of coal is still powerful

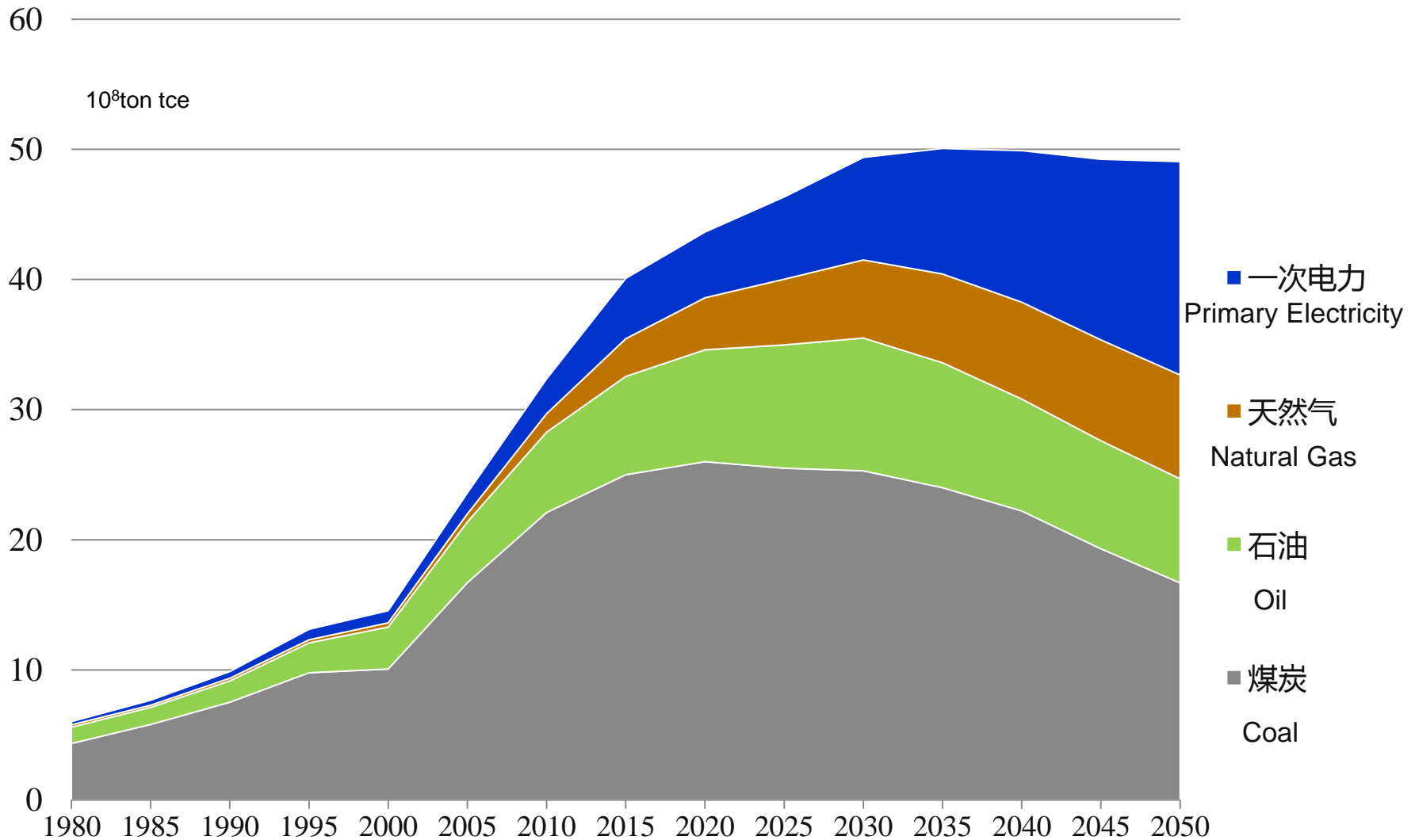


# Future Coal Market(World and China)





# China Energy Pathway



# China Energy Pathway

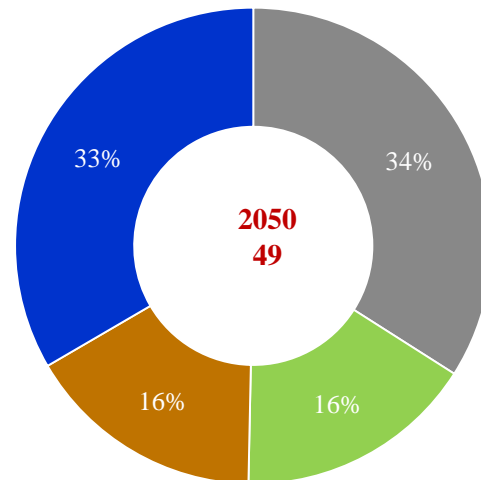
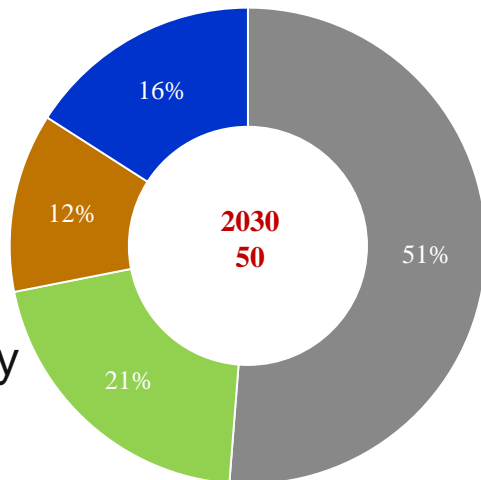
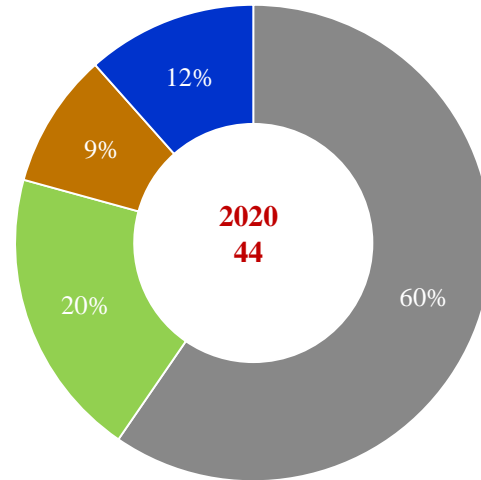
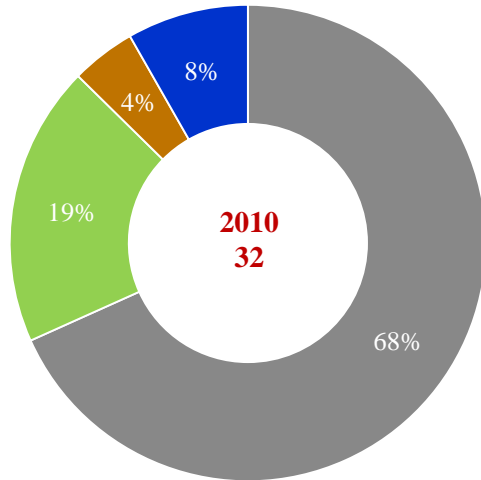


■ 煤炭  
Coal

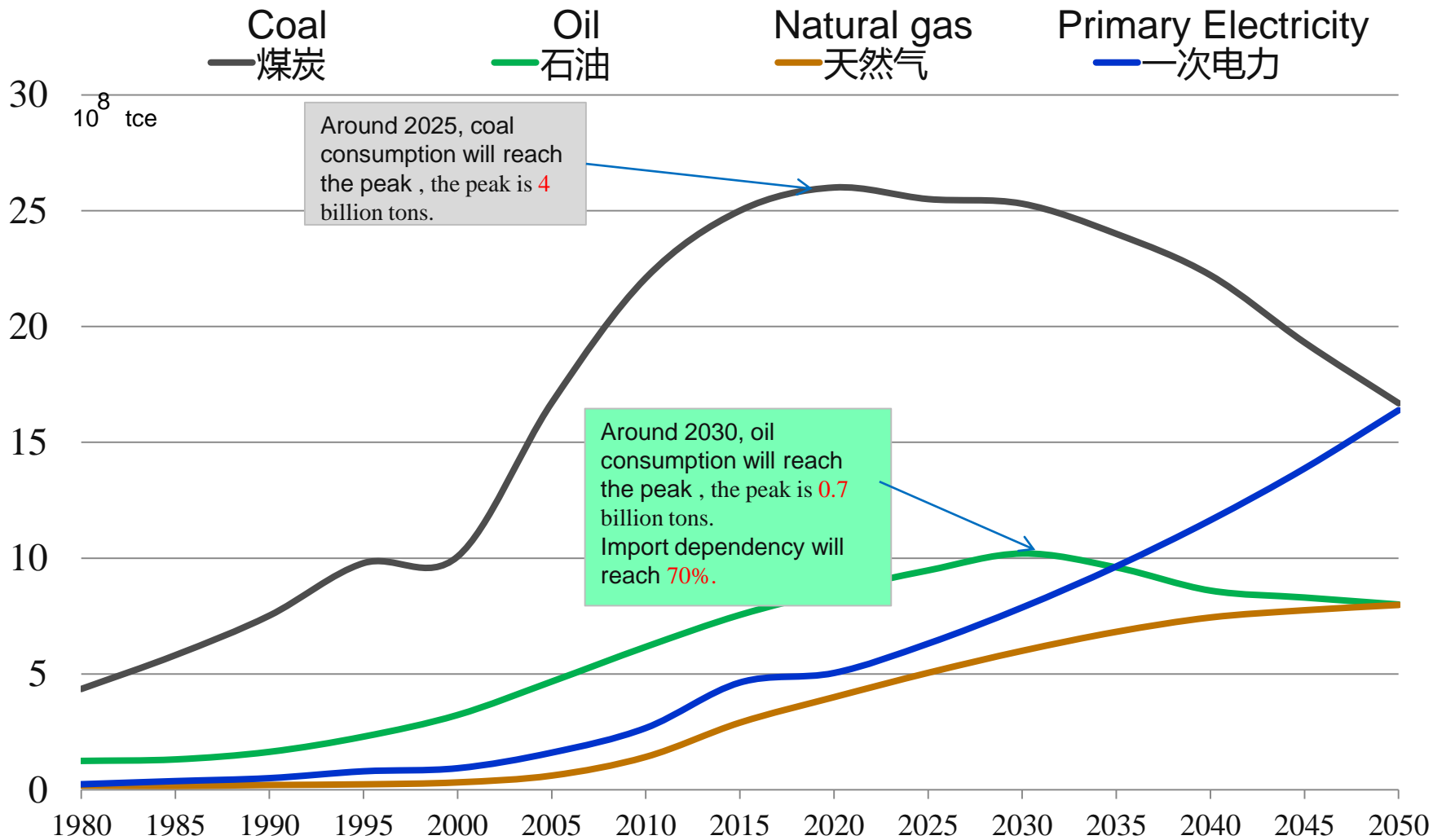
■ 石油  
Oil

■ 天然气  
Natural gas

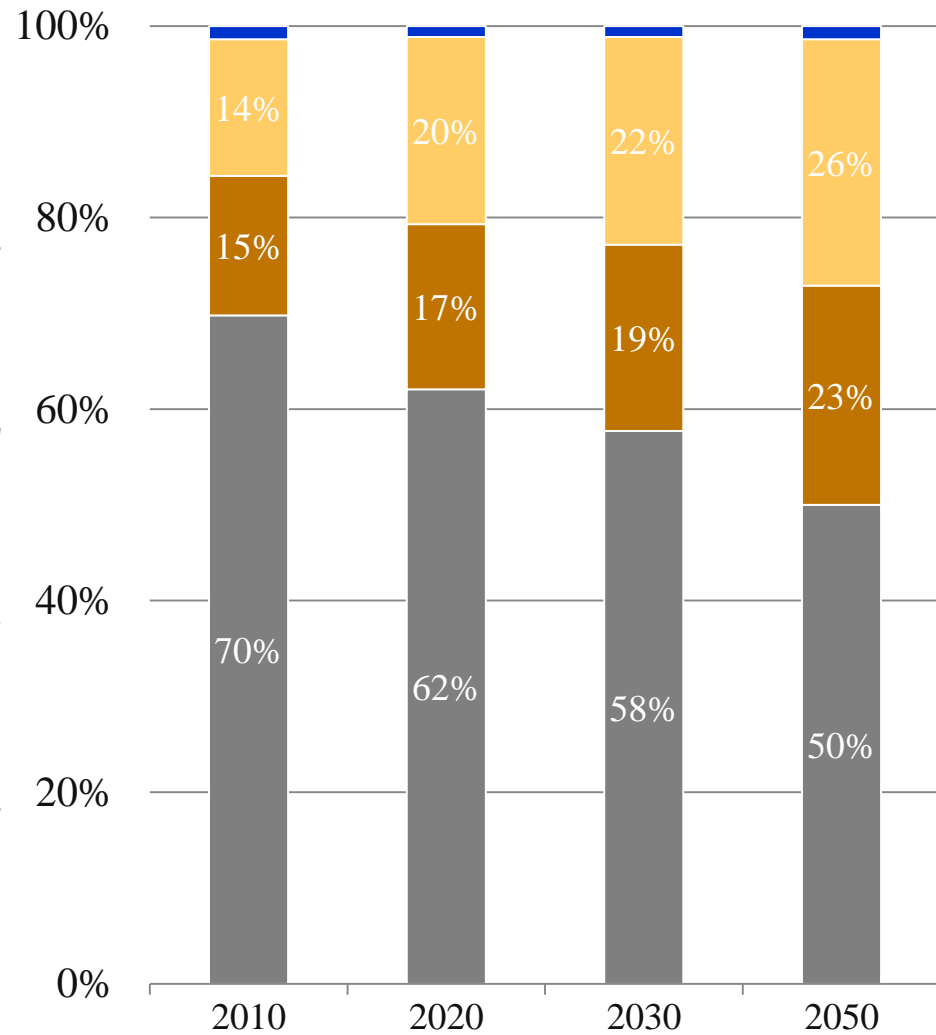
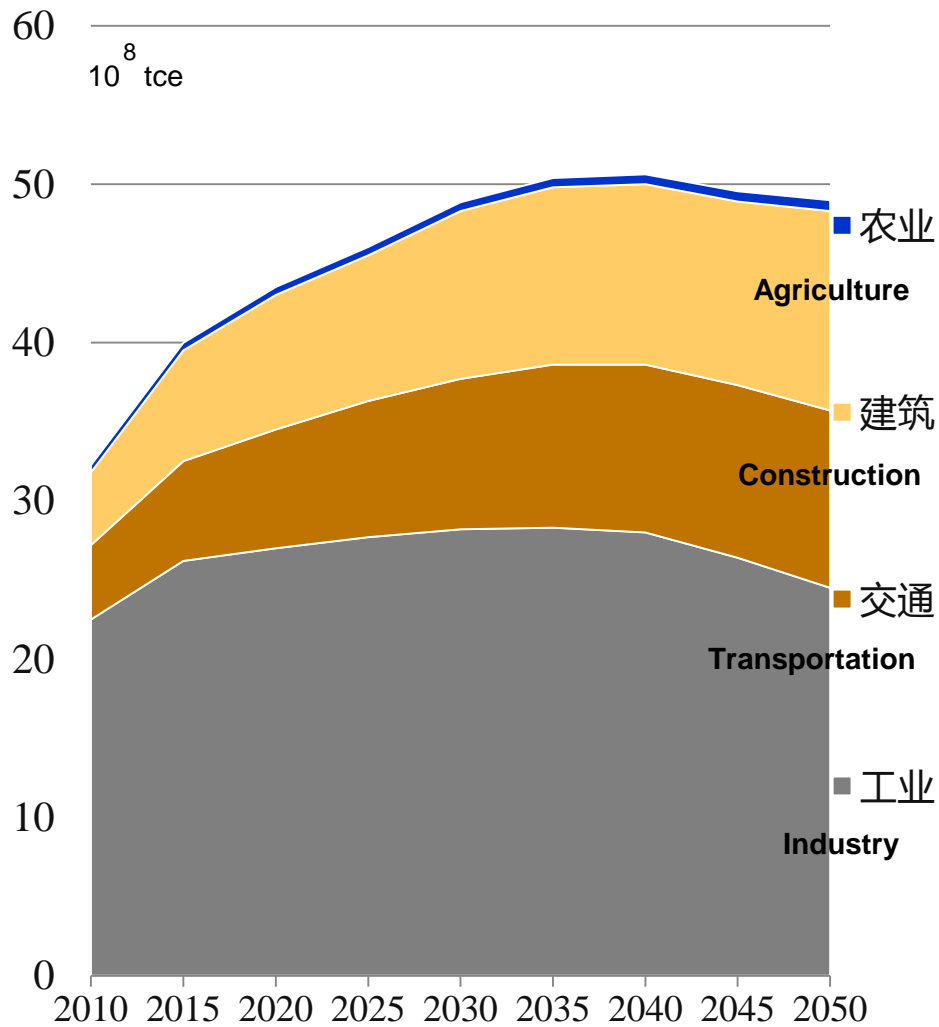
■ 一次电力  
Primary Electricity



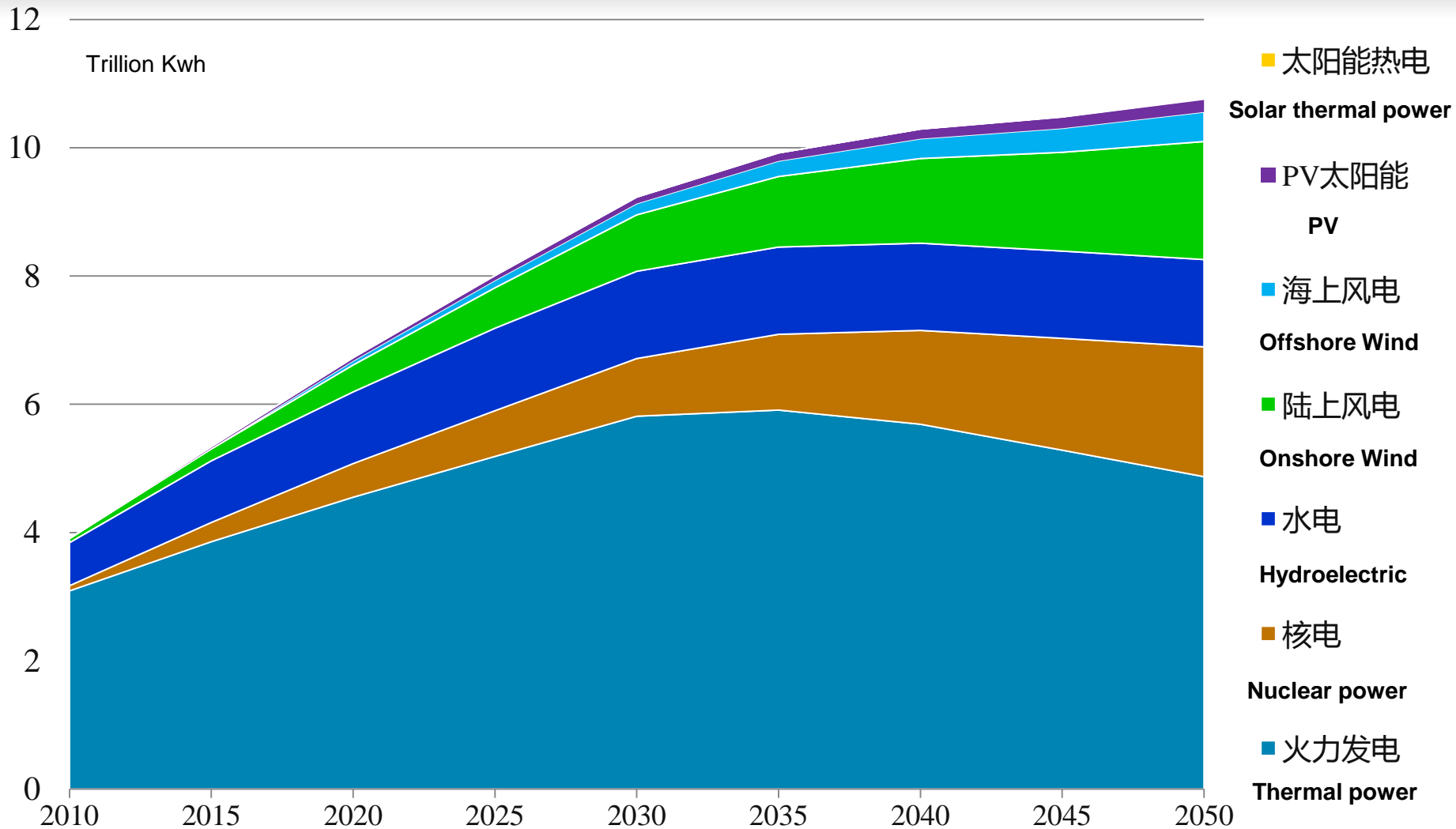
# China Energy Pathway



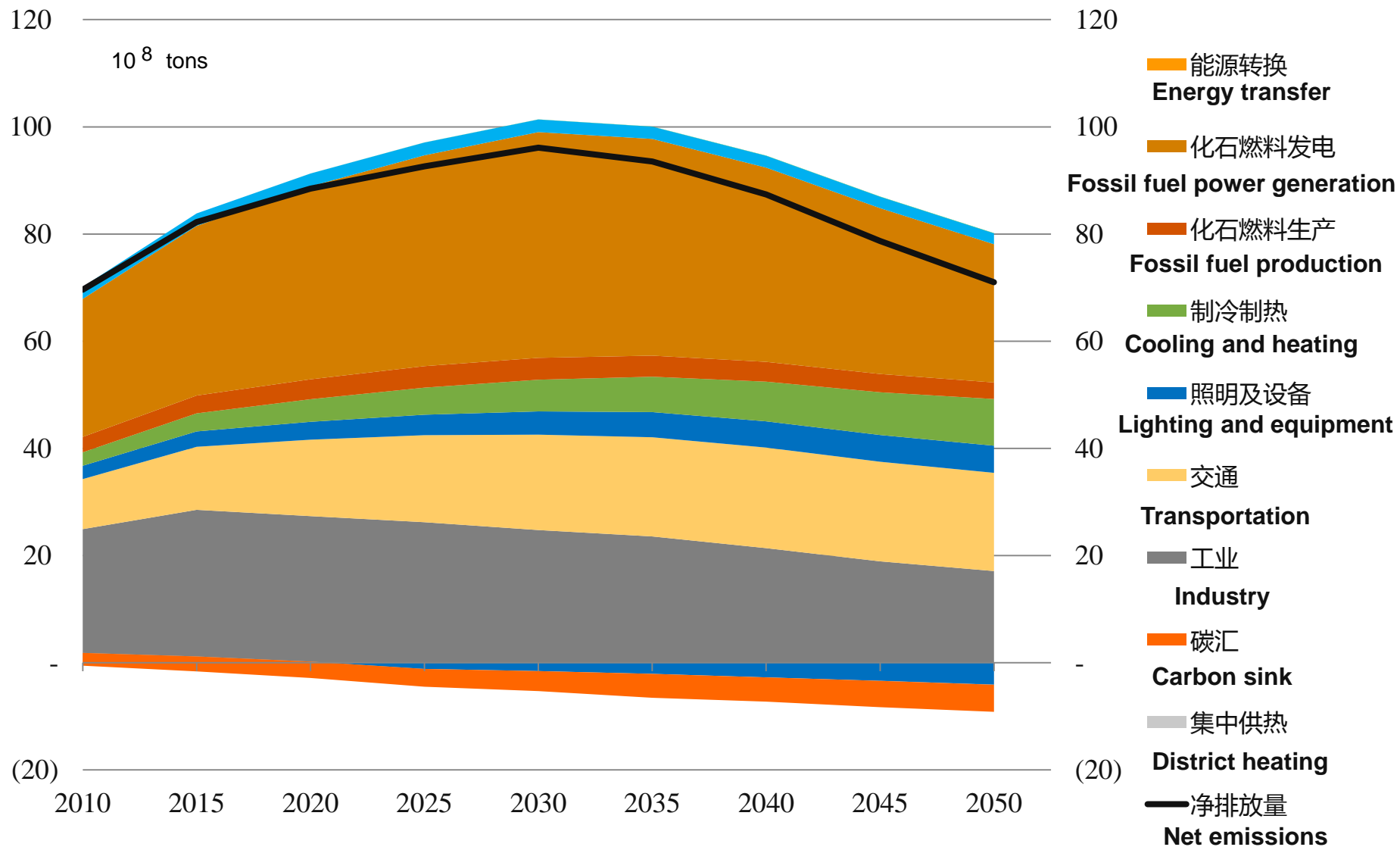
# What is the path of China energy development ?



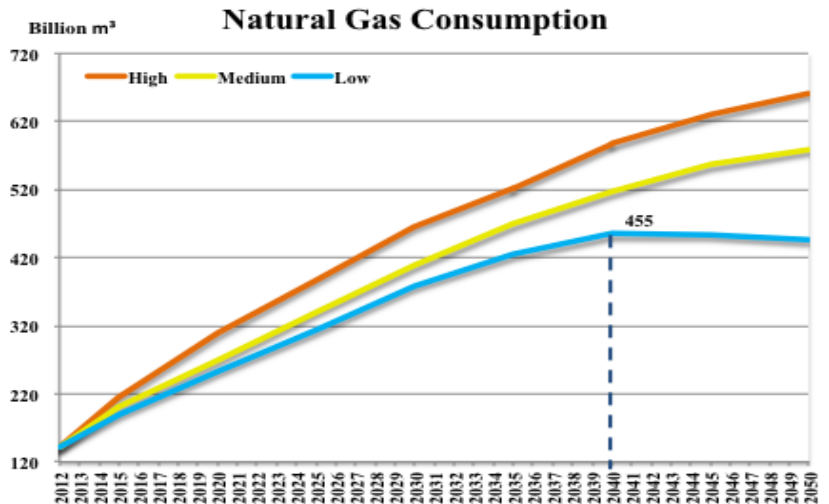
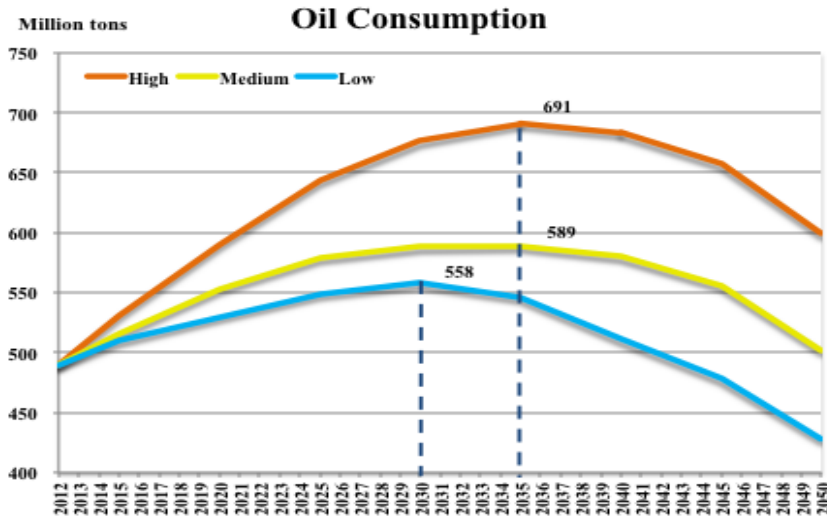
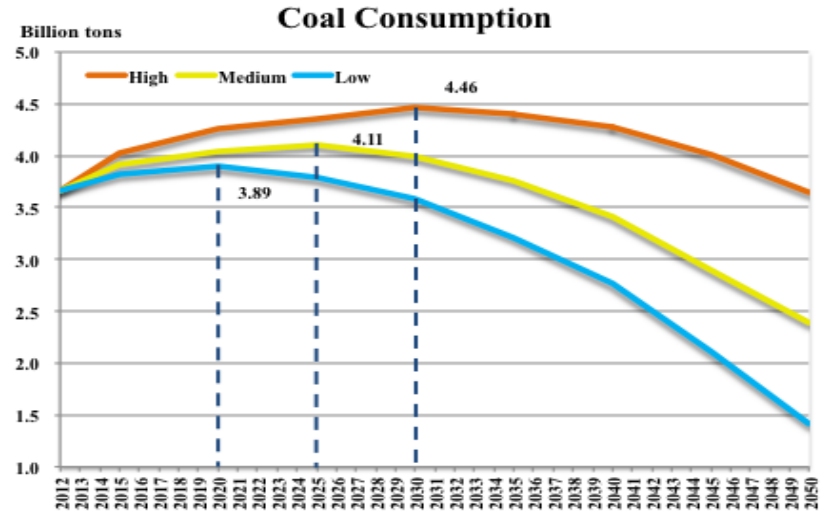
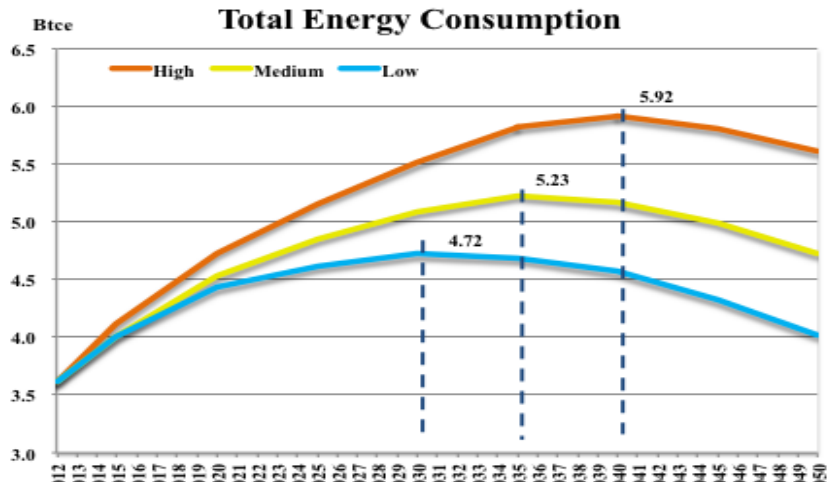
# What is the path of China energy development ?



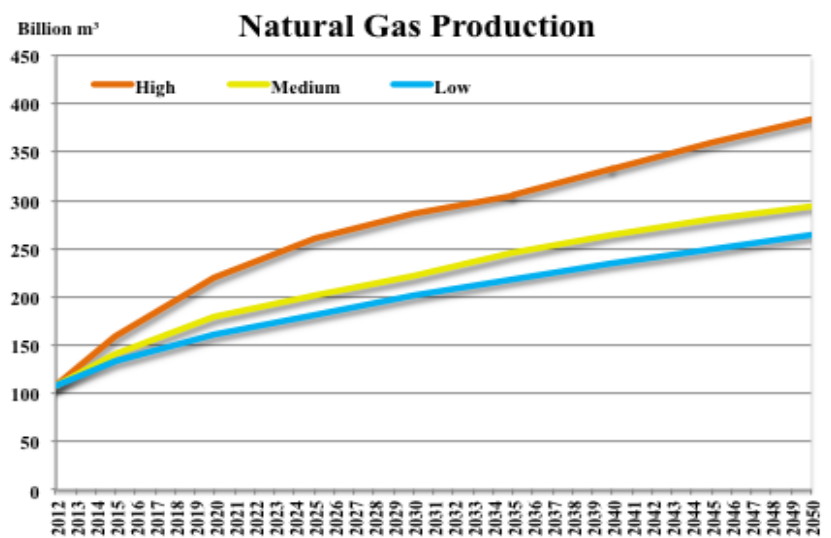
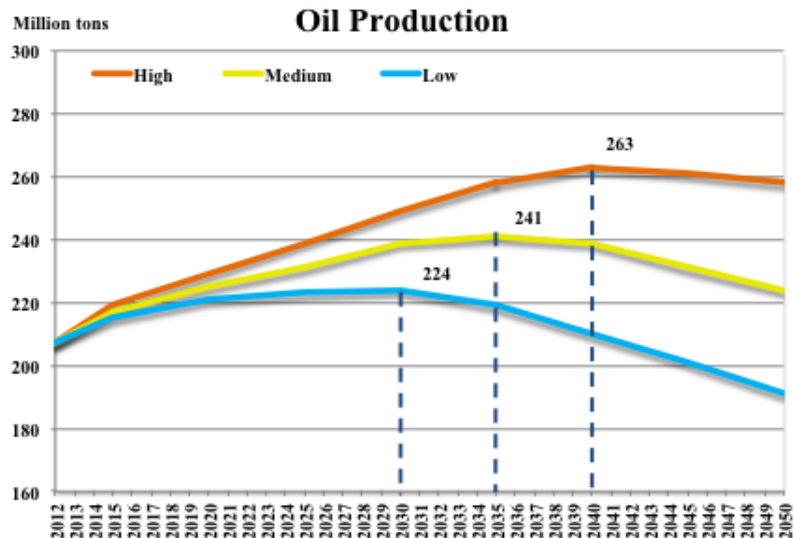
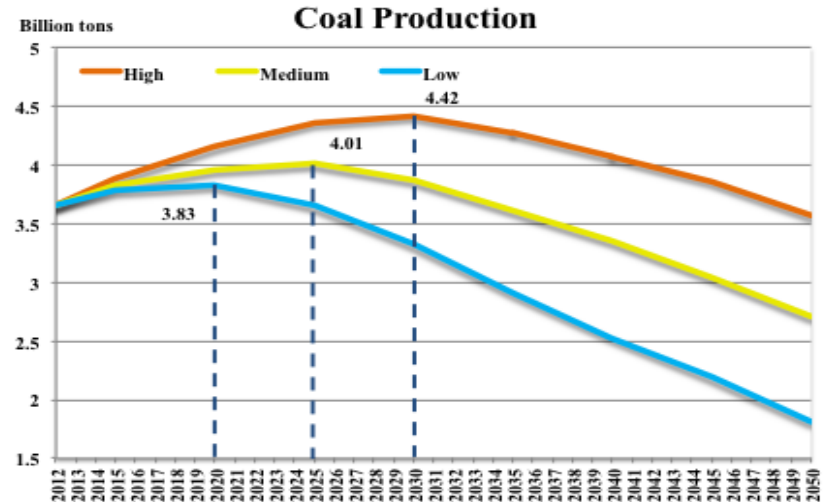
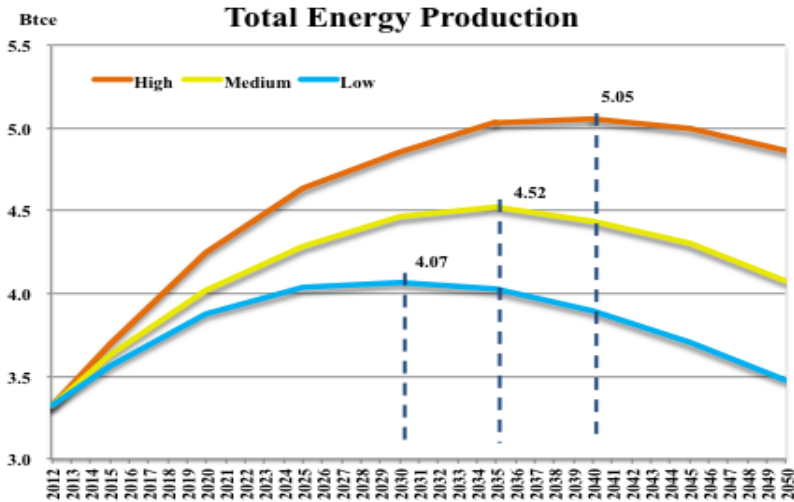
# What is the path of China energy development ?



# Consumption Peaks(different pathway)

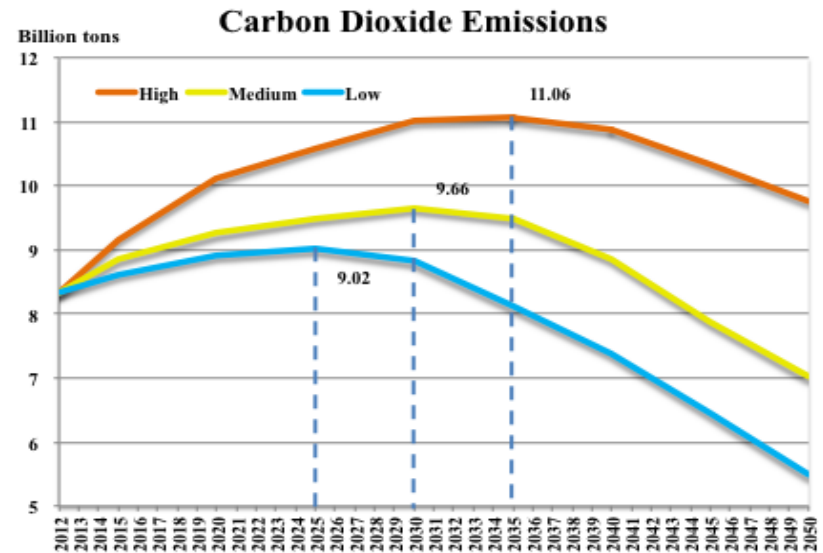
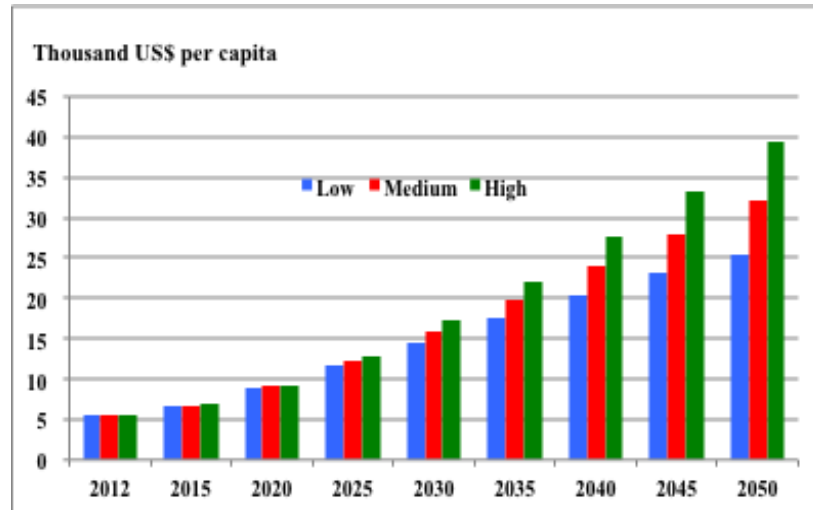
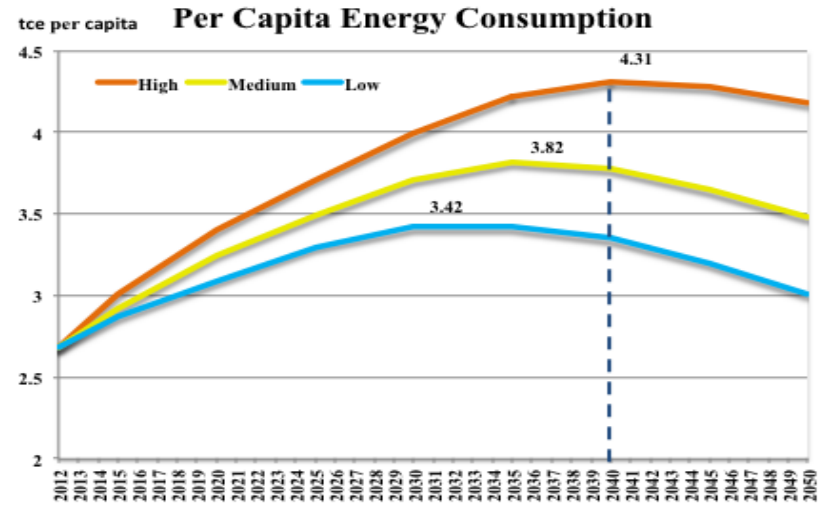
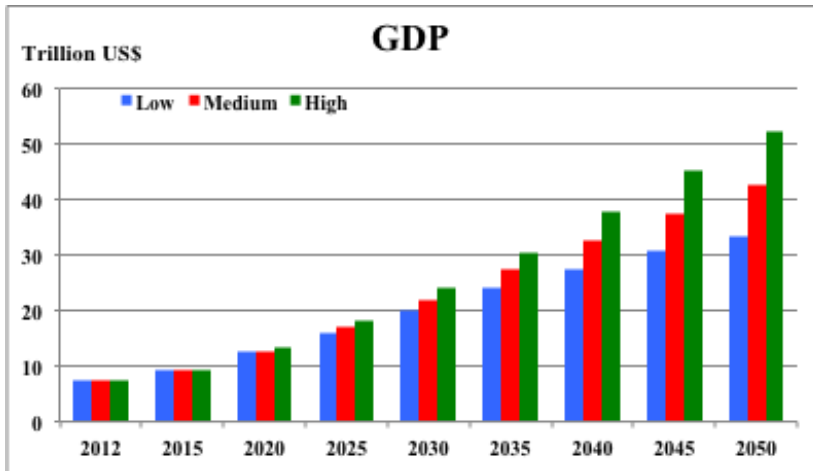


# Production Peaks(different pathway)

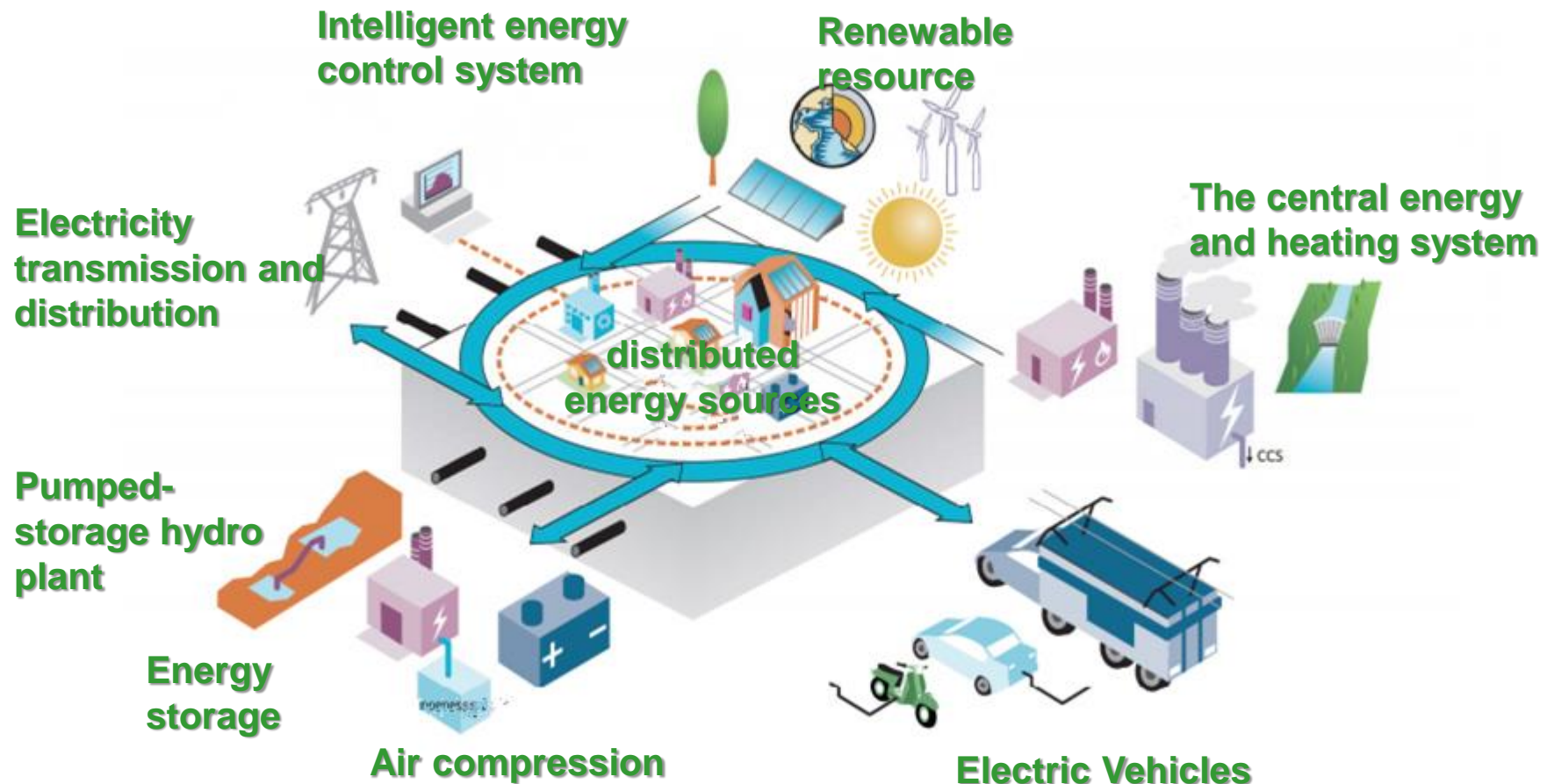




# Carbon Peak(different pathway)



# Uncertainty: Technology Revolution smart grid + internet + networking



# Uncertainty : New Coal-based Technologies

