



国家开发银行

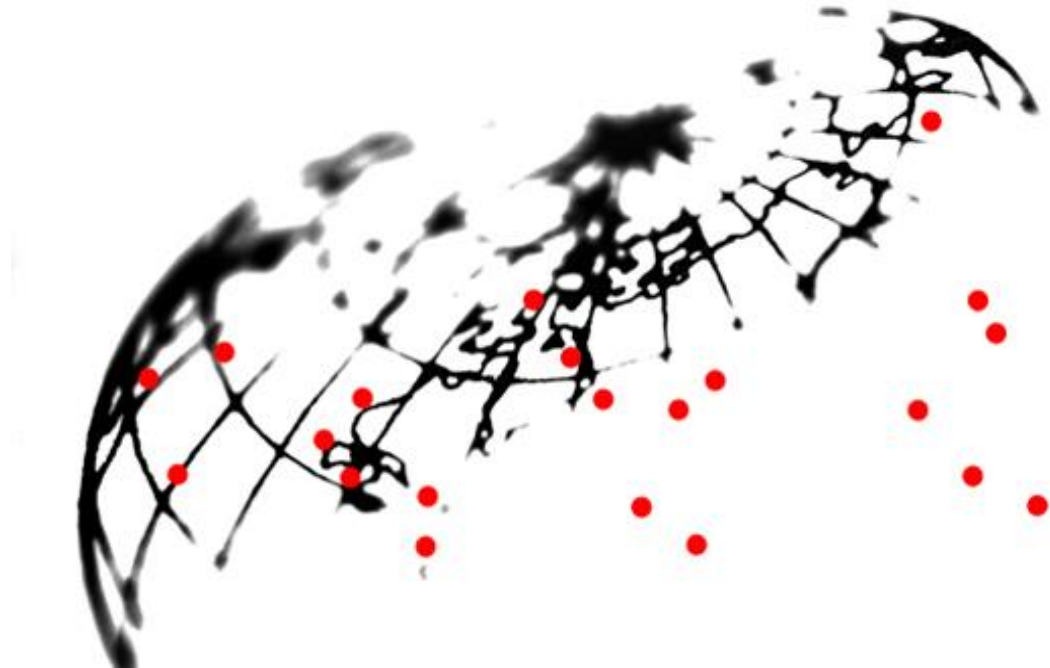
CHINA DEVELOPMENT BANK

China Development Bank's role and approaches to nuclear finance and its experiences

Project Appraisal Department I

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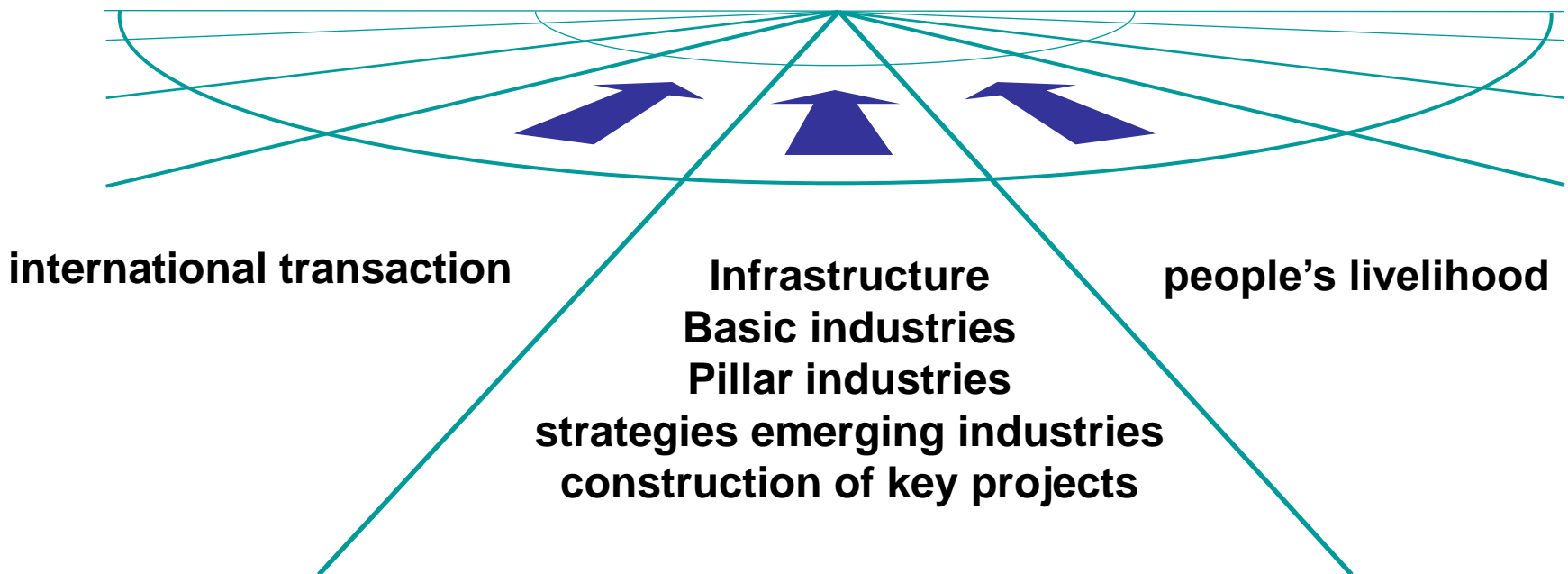


A brief introduction of CDB

Strengthening China's competitiveness

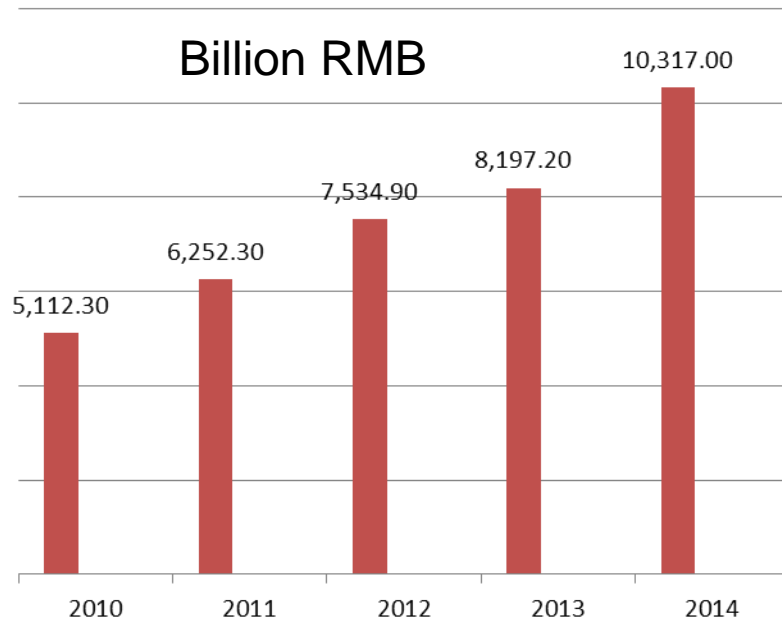
AND

Improving the living standard of its people

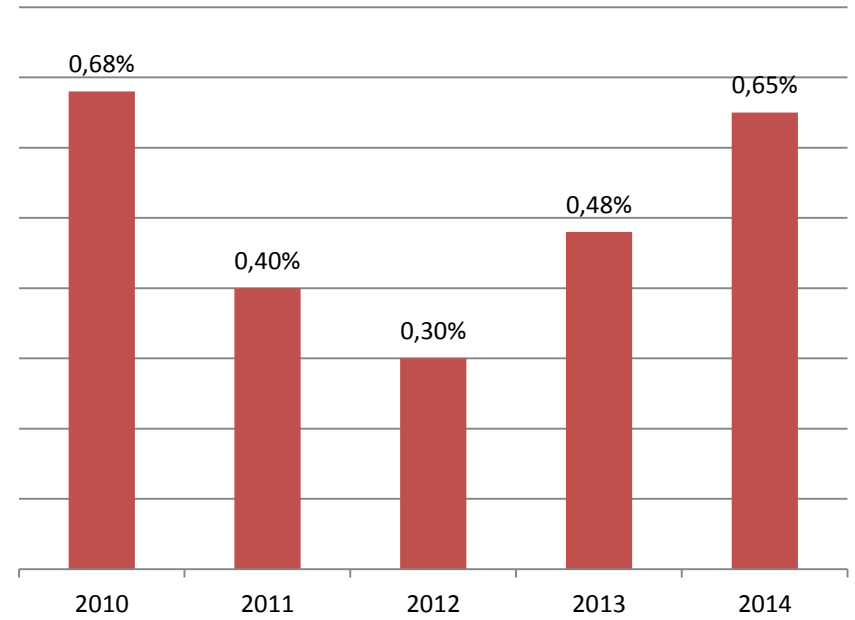




A brief introduction of CDB



Total Assets



Non-performing Loan Ratio



The role of nuclear power in China

- **The Paris Agreement**
- **Nuclear energy is a crucial alternative for China's power supply.**
- **Plans by 2020:**
 - 58GW in operation
 - 30GW under construction



The development of China's nuclear power industry

- **Great achievement**
- **By the end of 2015:**
 - 27 reactors with 25.5GW installed capacity in operation, 1.8% of the national total
 - 24 reactors with 26.36GW installed capacity under construction
 - nuclear power generation 169.5 TWh, 3% of the national total
- **Estimation by 2025:**
 - 88GW in operation
 - 30GW under construction



CDB's experiences in nuclear finance

- **CDB is the main bank that provides financial support for China's nuclear power projects.**
- **Issued 260.1 billion RMB of loans for domestic nuclear power projects, and the outstanding loan balance is 118 billion RMB.**



CDB invest in independently developed nuclear power technologies



High temperature gas cooled reactor and its pressure vessel



The CDB's positioning about nuclear power assets

- **Sufficient and stable cash flows**
- **Lower repayment risk**
- **Little impact from fuel cost**
- **Total balance of loans for the electric power generation industry has climbed from 11.08% in 2011 to 15.07% in 2015.**



Main modes of financing in China's nuclear power sector

- **Project finance**
- **Corporate finance**



Opinions and suggestions

- **Assessing and disclosing the safety risks of nuclear power reactors in operation**
- **Complete the technical standards of retirement and life extension**
- **Keep emphasizing nuclear power is clean**
- **Develop nuclear power technologies**



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Thank you !