

# PUBLIC-PRIVATE PARTNERSHIP FOR CLEAN AIR

**CHINA GAS HOLDINGS LIMITED** 

August 2013

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**Eric Leung Wing Cheong** 

**Deputy Managing Director** 

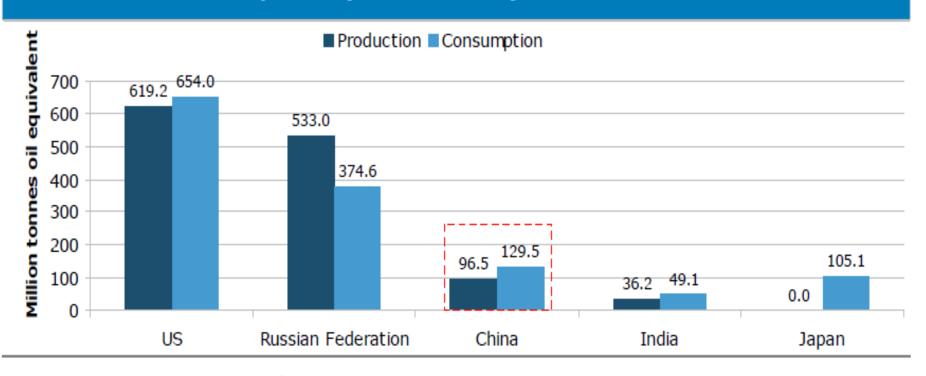
**Chief Financial Officer** 

**China Gas Holdings Limited** 



### **Industry Overview**

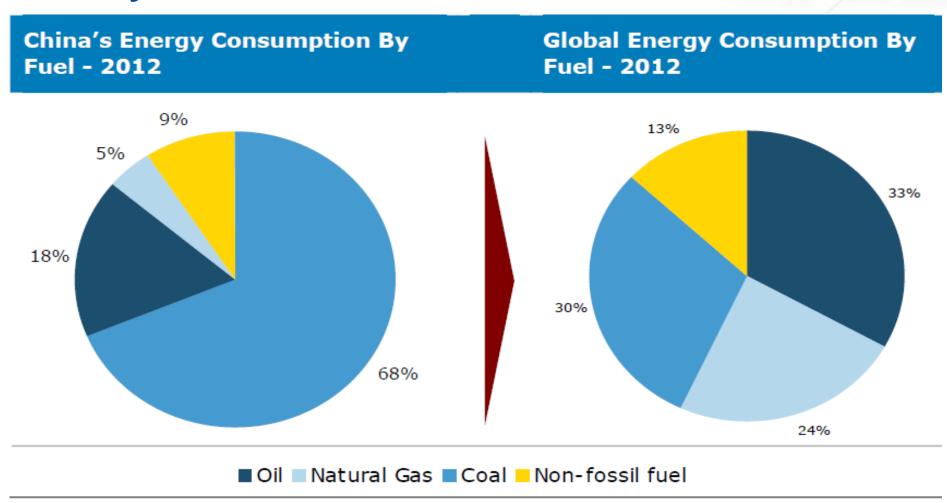
### **Production/Consumption Dynamics in Key Markets in 2012**



Source: BP Statistical Review of World Energy 2013



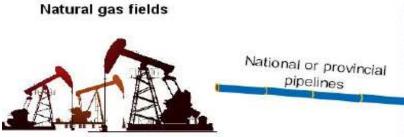
### **Industry Overview**



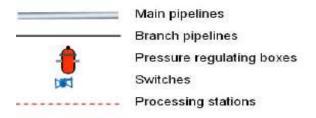
Source: BP Statistical Review of World Energy 2013; BP Energy Outlook 2030



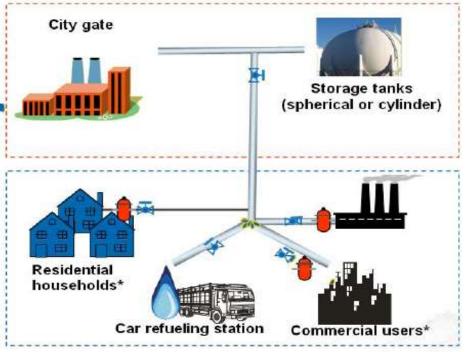
### **PPP at Municipal Level**



#### Assets owned by the Group:



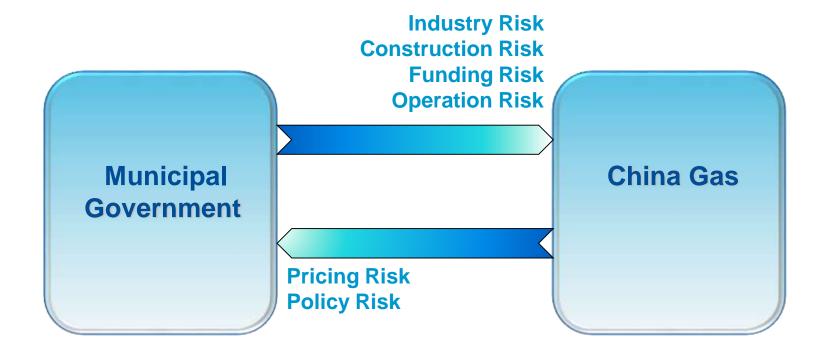
Customers' pipelines which are not owned by the Group are within the customers' premises and are not highlighted in this diagram







### PPP at Municipal Level – Risks Re-Allocation







### **PPP at Municipal Level - Cooperation**

### **Related government** organization

- Constructions Bureau
- Urban Management Bureau
- Roads Department
- Fire Department
- Price Bureau
- Environment and protection Bureau
- Regional gas suppliers



#### **Functions & Roles**

Coordination **Policy Support** 

#### **Functions &** Roles

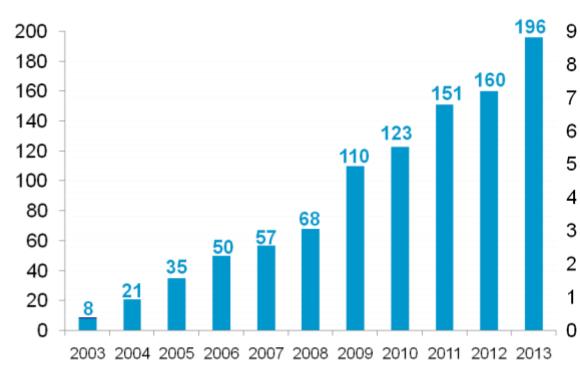
Service Provider Operator **Gas Distributor** 

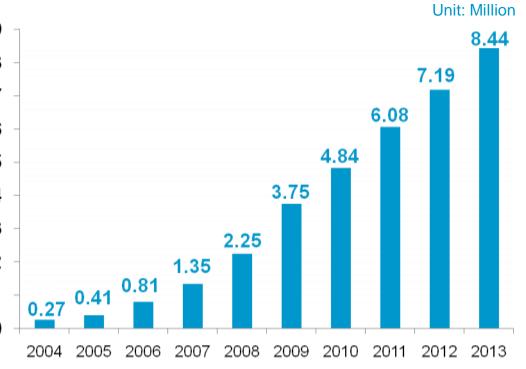


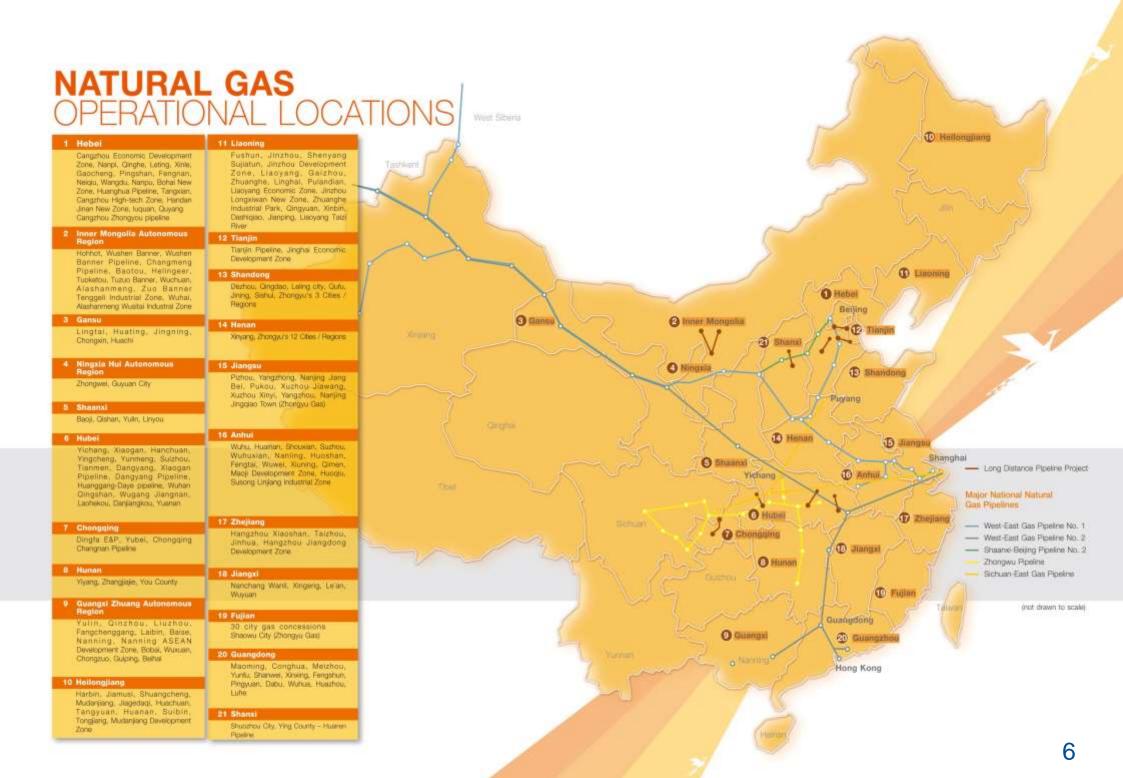
#### **Track Records**

#### Number of City Gas Projects 2003 – 2013

#### **Number of Connected Households Users 2004 –2013**





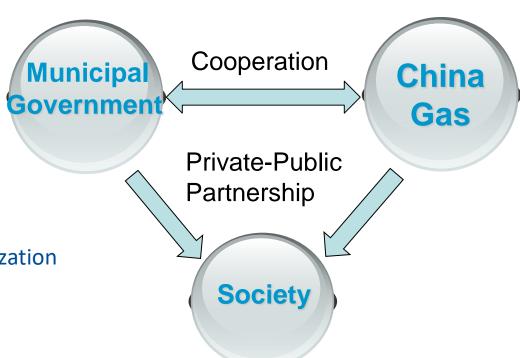




#### **Benefits of PPP**

## **Benefits to Municipal Government**

- Foreign investment
- Infrastructure
- No more subsidies
- Taxation
- Employment
- Clean energy solution
- Modernization & urbanization



### Benefits to China Gas

- Stable and predictable cashflow
- Able to access capital markets
- Further investment

#### **Benefits to Society**

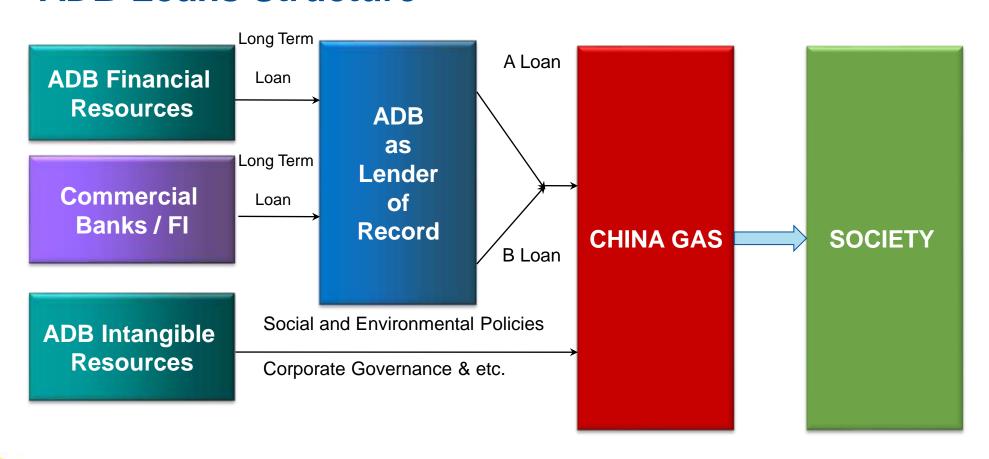
- Clean energy
- Lower cost of fuel
- Better customer services
- Safe and efficient operations





### **China Gas PPP Application**

#### **ADB Loans Structure**





# Thank You

