

China Coal Sector Update to the 27th Session of the Global Methane Initiative (GMI) Coal Subcommittee

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Institutional Reform of the Government

National Development and Reform Commission (NDRC)

Ministry of Ecological Environment

Department of Climate Change



Transferred in April 2018

State Administration of Work Safety (SAWS) & State Administration of Coal Mine Safety

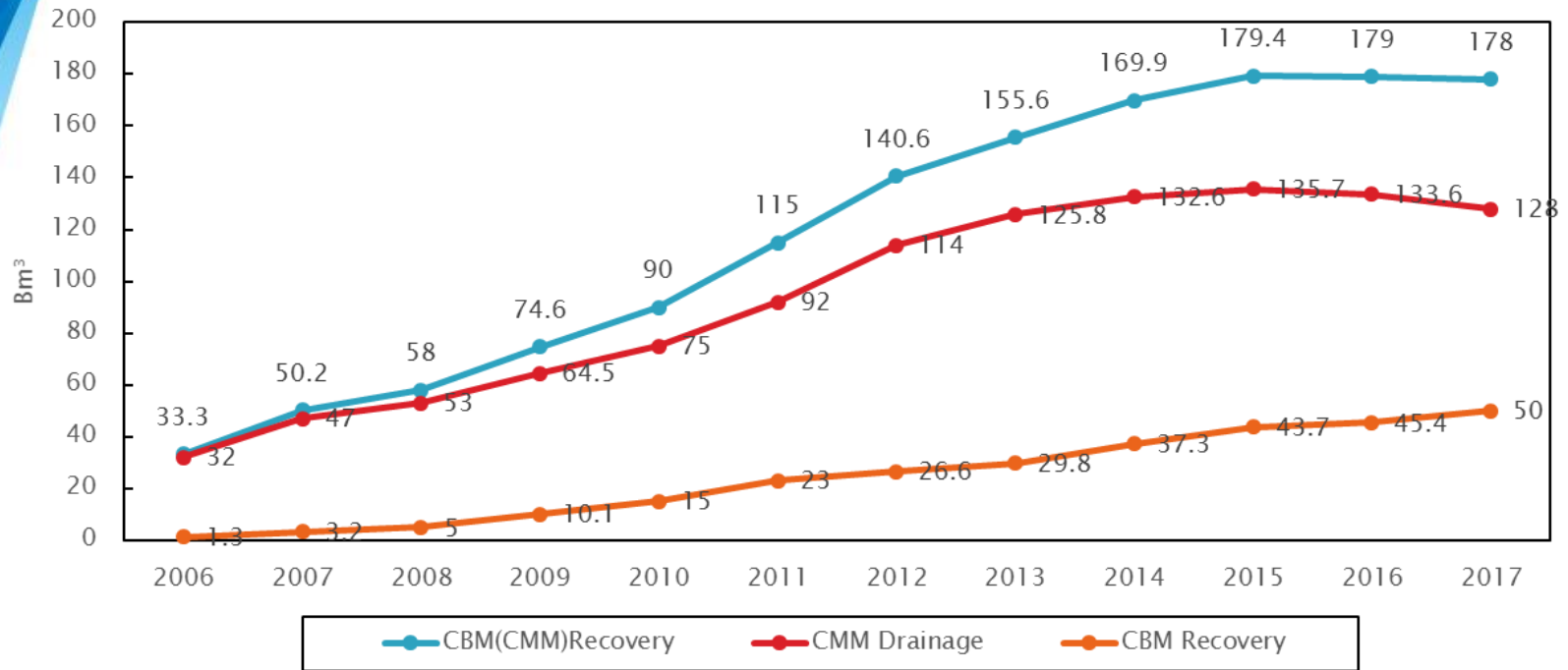


Transferred April 2018

Ministry of Emergency Management

■ CBM/CMM recovered

➤ CBM/CMM recovery was 17.8 Bm³ in 2017, increased by 26% compared with that in 2012, but CMM recovery dropped from 13.5 Bm³ in 2015 to 12.8 Bm³ in 2017 along with decreasing coal output over last few years .



The CBM (CMM) recovery volume from 2006 to 2017 in China



Preferential Policies

Incentives

- 3 billion RMB National Debt Fund for coal mine safety, in particular for projects of CMM recovery.
- Refund VAT on CBM/CMM sale
- Subsidies: 0.3 RMB/m³ from Central Government for CBM/CMM recovery, and additional subsidies from local governments in some provinces.
- **Major Event:** 15th Meeting of the Inter-ministerial Coordination Leading Group of Coal Mine Gas Control, chaired by NDRC in Feb. 2018
 - ✓ Improving gas recovery and achieving the goal of zero gas accident at coal mines by 2035.
 - ✓ Increasing CBM/CMM utilization to 20 Bm³ by 2022. (9,3 Bm³ in 2017, of which CMM was 4.9 Bm³ and CBM 4.4 Bm³). Shanxi Planning...

Specific CMM project

CCSR finished the feasibility study on the new CMM power plant at Jinjiazhuang Coal Mine, Liulin County, Shanxi, installed capacity of 50 MW with 14 sets of gas engines Jenbacher 620 (3345 kW)

Major Event

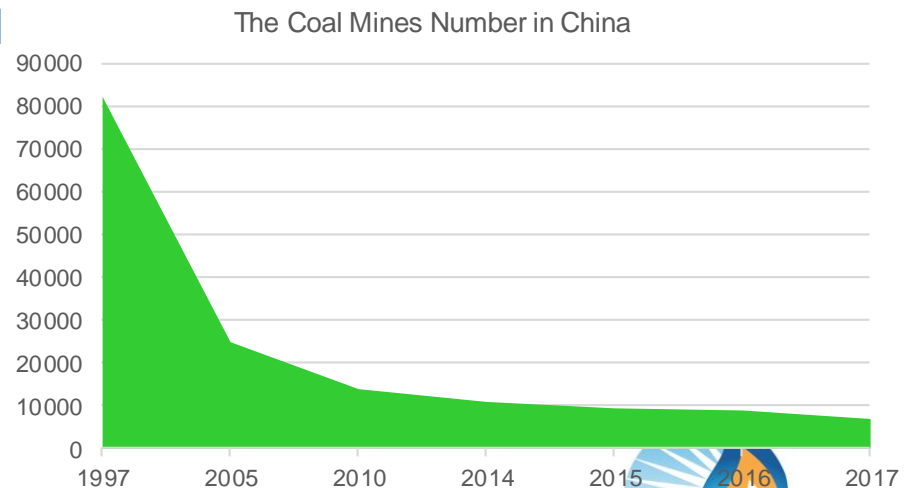


Inauguration of International Center of Excellency's Group of Experts on CMM and Shanxi Cooking Coal Co., held in Tianjin, September 2017

Potential for AMM

- A large number of coal mines have been closed over last 12 years.
- Planned to close down 4000 small coal mines and 300 large mines with coal reserve exhausted in coming 3 to 5 years, eliminating total annual output capacity of 500 million tones of coal
- Offer more opportunities for AMM recovery and utilization

- 24,800 coal mines in 2005
- 14,000 coal mines in 2010
- 9,624 coal mines in 2015
- 9,000 coal mines in 2016
- 7,000 Coal mines in 2017



Thank you for your kind attention

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