



国家安全生产监督管理局 信息研究院
煤炭信息研究院

Upgrade of Methane Emission Reduction in coal sector in China

China Coal Information Institute (CCII)
National Institute for Occupational Safety (NIOS)

<http://www.nios.com.cn/>



❖ 1 Coal Mine Safety

Drainage Volume

Death Toll

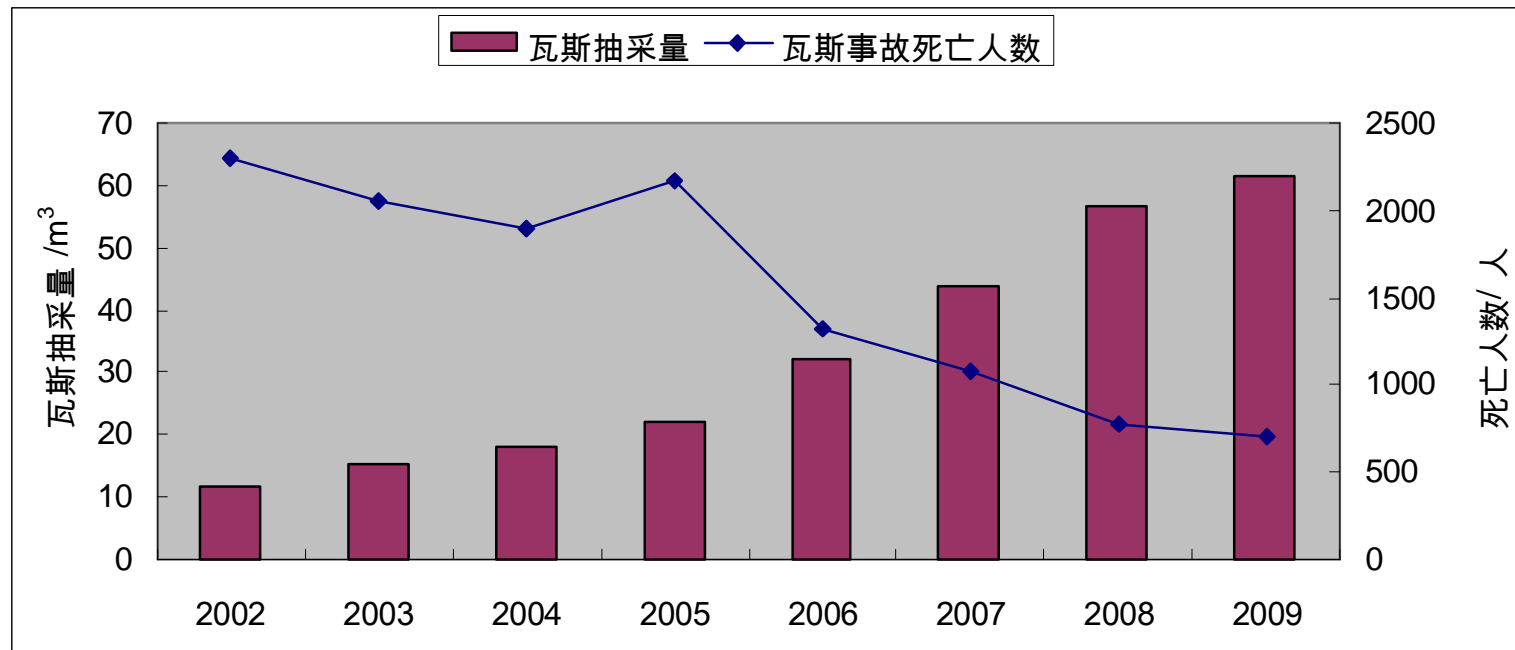


图 煤矿瓦斯量与死亡情况对比表

Map. CMM Drainage Volume and Death Toll

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❖ 2 CBM Well

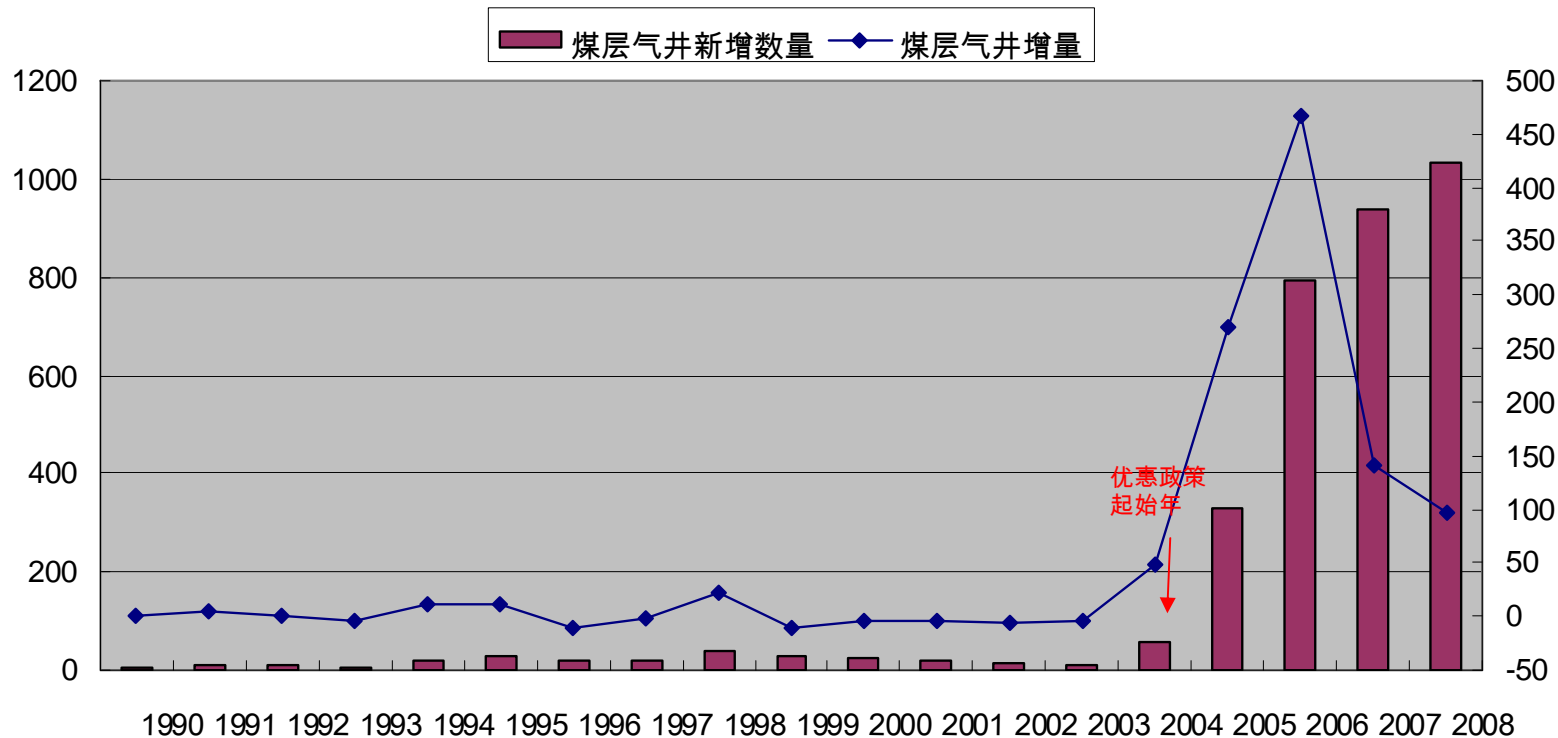


图 1990-2008年我国地面煤层气井新增数量



❖ 3 Methane Utilization

CMM Utilization Volume

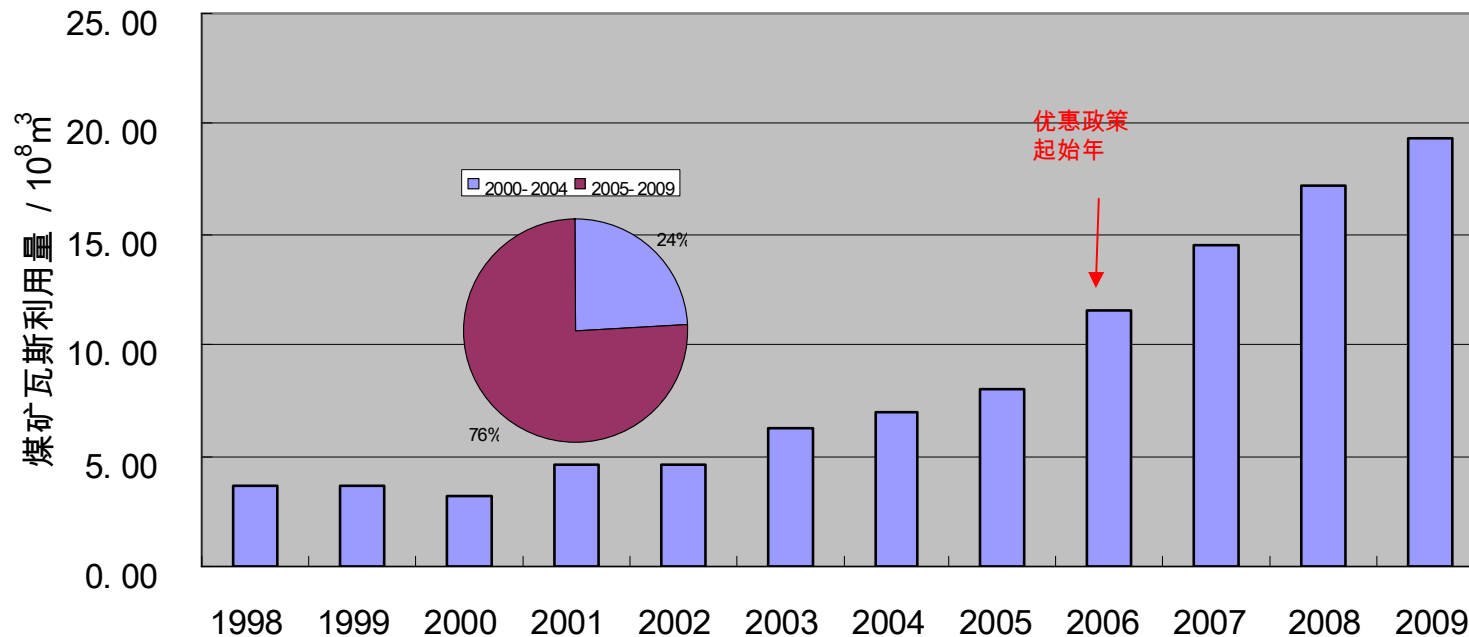


图 1994-2009年我国煤矿瓦斯利用量
Map. 1994-2009 CMM Utilization Volume

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4 M2M in China

❖ **Technical Assessment of Coal Mine Gas Recovery and Utilization in China**

- The project is to build model for drainage and utilization. So through the workshop, we can disseminate the model to the mines in China. We believe that there should be at least 10 mines will adopt our model to increase CMM/CBM drainage and utilization.

❖ **Demonstration of Power Generation Using Low Quality Coal Mine Methane**

❖ **Coal Mine Methane to Markets Partnership in China**



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5 VAM Potential

Many ongoing projects:

- ❖ **Zhengzhou Coal Mine Group**
- ❖ **Jincheng Anthracite Mine Group**
- ❖ **Hebi Coal Mine Group**
- ❖ **Jiaozuo Coal Mine Group**
- ❖ **Pingdingshan Coal Mine Group**
- ❖ **Fuxin Coal Mine Group**
- ❖ **Datong Coal Mine**
- ❖ **Bingchang, Shannxi Province**

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6 New Policy

- ❖ **Low concentration methane transportation standard**
- ❖ **From July. 1, 2010.**

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❖ 7 Future Outlook

- ❖ More FS, More Projects.
- ❖ Strengthen GMI System

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Thanks!

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