Kazakhstan Introduction to the Global Methane Initiative (GMI) Oil & Gas (O&G) Subcommittee

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Ministry of Energy of the Republic of Kazakhstan
Kazakhstan O&G Sector
Introduction

▪ **Production of oil** was **86.2 mln. tons** (2017):
  production increase mainly from three major projects: Kashagan - **8.3 mln. tons**, Tengiz - **28.7 mln. tons** and Karachaganak - **12.5 mln. tons**

▪ **Oil exports** amounted to **69.8 mln. tons** (2017) (planned **87 mln. tons** (2018)):
  The technical feasibility of exporting the country is about 100 million tons (KPC - 52 million tons, Kazakhstan-China-20 million tons, Atyrau Samara-18 million tons, seaport - 5 million tons and railway 5 million tons).

▪ **Oil refining** volume **14.9 mln. tons** (2017)
  planned **15.8 mln. tons** (2018).

▪ **Petroleum bitumen production** was **731.1 thousands tons.**
Kazakhstan O&G Sector
Introduction

- **Production** of APG was **52.9 bln.m$^3$ (2017)** planned to produce **53.4 bln.m$^3$ (2018)**:

  ![Graph showing produced gas and flared gas from 2006 to 2017 with utilization rate 98%](image)

- **Volume of exported gas** was **17.2 bln.m$^3$ (2017)**
  For the first time, gas was exported to China in 2017, its volume was 1.1 billion m3.
  Planned to increase economic cooperation and increase gas exports to China to 10 billion m3 in 2018.
Methane Action Plans

- Since 2014 several methane LDAR campaigns conducted by JCS NC “KazMunayGas” at production facilities in 3 regions (together with Carbon Limits, EPA).
- Planned to conduct one more LDAR pilot in Mangyastau region in 2018.
- JCS NC “KazMunayGas” joined to GMI Project Network (2017)
- Ministry of Energy joined to O&G Subcommittee
Emissions Trading System

- **Methane** emissions *regulated* as a **pollutant** (taxes) and a **greenhouse gases** (reporting).
- 2013 - **ETS launched** in Kazakhstan
- 2016 - **ETS suspended**
- 2018 - **ETS restarted**
- The new **National Plan for the allocation** of greenhouse gas emission quotas for 2018-2020 is approved. 2 methods of allocation: historical and benchmarks
- **International Center for the Development of Green Technologies and Investment Projects** Energy of the Future will start of work in 2018
Contact Information and Announcements

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