Presentation by the Russian Federation on Mitigation Potentials

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Russian Federation: statistical data

- GDP per capita (PPP) – $13,900 (42% of OECD average)
- Population – 142.1 million
- Mid-annual temperature – 5.5°C  
  (Iceland is +1.2°C, Sweden is +4°C)
- Energy saving potential – 35 - 40% of current consumption level
Overall GHG emissions in Russia 1990 – 2006 (w/o LULUCF)

Source: Russia UNFCCC NIR 2008

Population weighed Heating Degree Days (HDD) for G8 countries (C)

4th NC Canada
Population weighed average distance between 10 major metropolises of G8 countries (km)

- Russia: 2500 km
- Canada: 680 km
- France: 220 km
- Germany: 150 km
- Italy: 250 km
- Japan: 210 km
- Great Britain: 100 km
- USA: 720 km
- Average w/o Russia: 555 km

Sources: A. Bedritsky et al. Journal of energy studies. Russia. (in press), 44th NC Canada

Export - Import balance in 2005, tons of fuel eq.

- USA
- UK
- Japan
- Italy
- Germany
- France
- Canada
- Russia
- China
- India

Natural gas
Oil
Coal

Source: IEA 2005
Program of socio-economic development of Russia approved by the Government in October 2008 (projections for 2020)

- Increase in energy demand (40–80% from current level)
- Increase in coal consumption (30% - 62% from current level)
- Reconstruction or building of new roads (55,000– 82,000 km)
- Building of new houses (about 1 billion sq.m.)
- Increase in cement production (88% - 170%)
DECREE OF THE PRESIDENT OF 4 JUNE 2008,
SETTING TARGET FOR 40% INCREASE OF ENERGY-EFFICIENCY
OF THE NATIONAL ECONOMY BY 2020

( the following regulatory acts to be adopted in 2008-2010)

• Introducing efficiency standards in energy-intensive sectors
• Strict restriction on further use of obsolete technologies
• Promoting leading role of public sector
• Labeling of power-intensive goods
• Creating incentives for businesses for efficiency improvements
• Public support for R&D in the area of energy-saving technologies

Development is a gradual process. All the developing countries cannot develop in a similar speed at the same time

Source: Jiahua Pan, Research Centre for Sustainable Development, Beijing China
THANK YOU