

# GAZPROM'S ENVIRONMENTAL POLICY

Factsheet

2013

*Gazprom is the world's largest gas producer with most of its products being extracted from Russian soil. Its operations – the extraction of natural resources – are undeniably related to the environment and thus bring great responsibility to carry out the work in a sustainable way;*

## Gazprom & the environment

The underlying principle of Gazprom's business is sustainability as a combination of economic growth and maximal conservation of nature. Preserving the environment in which it operates for future generations is therefore one of Gazprom's highest priorities.

Since 1995, Gazprom has an Environmental Policy in place, which it continuously updates and adapts to new realities. The policy establishes an integrated approach to environmentally responsible action across the company and its subsidiaries.

As a result, Gazprom invested a little over \$1bn in various environmental programmes in 2012 – a figure increasing each year (by 43% compared to 2011). 58% of this fund is directed to land protection, 29% to water protection, 9% to air protection, and 4% to waste reduction. Activities include forest protection and reforestation, energy efficiency improvements, and fishery restoration .

2013 is the Year of the Environment at Gazprom, in the context of which the company has been organising multiple events such as planting 100,000 trees and clearing 1,000 hectares of land from debris. It also hopes to turn 900 cars and buses into gas-fuelled vehicles instead of gasoline/diesel-fuelled ones, which significantly reduces pollution through CO<sub>2</sub>-emissions.

To achieve CO<sub>2</sub>-emission reduction in our own operations as well, we are investing about \$700mn between now and 2015 to repurpose associated gas. As a result, emissions from flaring were reduced by 40% y-o-y in H1 2013 and we aim to reach 60% by the end of the year.

Energy efficiency is another way in which Gazprom aims to limit its carbon foot print. Through its Energy Saving Programmes, Gazprom achieved aggregated savings totalling 5mn tons of equivalent fuel in 2011 and 2012. Most of the savings are made in gas pipeline transportation. In 2012 alone, these savings were worth approximately €1.3bn. In total, the company expects to save 28.2mn tons of equivalent fuel by 2020.

## Air impact

In 2010, Gazprom reduced gross pollutant emissions into the atmosphere by nearly 5% y-o-y

This was the result of a reduction in gross emissions of over 33% in Gazprom's production sector, which at the same time experienced an increase in production volumes of 10%.

Although gas transmission volumes grew by 12%, emissions from transmission facilities were reduced by 10%. This was achieved by decreasing gas volumes emitted into the atmosphere during gas pipeline repair works.



Components of emissions by Gazprom in 2010

Similar measures are applied to water use. In 2012, despite production growth, overall water consumption within Gazprom decreased by 330.55mcm y-o-y. In the 2008-2012 period, Gazprom reduced water consumption by 19% and decreased manufacturing waste water by 6.5%.

Since 2010, Gazprom Neft carries out a Remediation Programme for disrupted lands, which aims to mitigate any adverse effect of its operations on the land. The programme prescribes consistent ecological monitoring of the soil quality. In 2012, Gazprom recultivated 9.720 hectares of land.

Moreover, Gazprom Neft's natural resource management strategy gives particular consideration to seasonal plant growth, fish spawning seasons, and wildlife migration.

## International cooperation

Climate change and environmental challenges know no borders. Gazprom is therefore active internationally to share best practices and contribute in finding global solutions. Gazprom complies with the requirements of the United Nations Framework Convention

on Climate Change (UNFCCC), the Kyoto Protocol and ISO standards. The company also makes consistent efforts to reduce greenhouse gas emissions in production processes, participates in specialised studies, and conducts emissions monitoring.

On a regular basis Gazprom's experts share experience and conduct joint researches on climate change and GHG-emission reduction as part of technology cooperation, particularly with E.ON Ruhrgas, GDF SUEZ, Gasunie, Sumitomo Corporation, the U.S. Environmental Protection Agency, and the Japanese Agency of Environment.

On a yearly basis Gazprom experts collaborate with the research groups and committees of the International Gas Union (IGU). For the World Gas Conference in Malaysia in 2012, Gazprom developed together with the IGU the industry-specific Greenhouse Gas Emission Reduction Guidelines.

Last but not least, programmes Gazprom publishes annual environmental reports, which are publicly available online.



## CONTACT DETAILS

Additional information, facts and figures are available at the following Gazprom websites:

<http://>

[www.gazprom.com/nature/environmental-reports](http://www.gazprom.com/nature/environmental-reports)

<http://>

[eng.gazpromquestions.ru](http://eng.gazpromquestions.ru)

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