



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

VIENNA INTERNATIONAL CENTRE

P.O. BOX 300, A-1400 VIENNA, AUSTRIA

TELEPHONE: (+43 1) 260 26 3001

FAX: (+43 1) 263 3011

www.unido.org

unido@unido.org

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Subject: Best Energy Efficiency Pilot Project Based on Natural Refrigerants

Dear Sirs,

We are aware that your organization adheres to the principles of sustainable development and gives much attention towards environmental protection.

At present, the Russian government has started active work on the phase out of ozone-depleting substances and is transitioning to environmentally-friendly and energy-efficient refrigerating technologies. On July 23, 2013, the Russian President signed the federal law that ensures the elimination of the use of ozone-depleting substances, and on September 30, 2013, issued a decree on the reduction of greenhouse gases emissions.

The United Nations Industrial Development Organization together with the Global Environment Facility and the Ministry of Natural Resources and Environment of the Russian Federation are currently implementing the joint project "Phase out of HCFCs and promotion of HFC-free energy efficient refrigeration and air-conditioning systems in the Russian Federation through technology transfer".

In order to demonstrate to the Russian authorities, entrepreneurship and society the environmental friendliness and energy efficiency of the use of natural refrigerants and to encourage the elimination of ozone-depleting substances in Russia, we jointly resolved to organize a pilot project.

What is an energy efficient pilot project based on natural refrigerants?

- It is a pilot project with energy efficient and environmentally friendly refrigerating systems installed at an existing facility of any purpose (supermarket, industrial plant, airport, sports facility, office building, hotel, etc.).
- Project delivery time: from the moment of receiving this letter till the first half-year of 2015.
- The facility will use natural refrigerants with zero ozone-depleting potential and low global warming potential: ammonia, carbon dioxide, hydrocarbons.
- The energy efficiency project will be proved by supporting documents and calculations that reflect increased energy efficiency obtained via the transition from ozone-depleting substances (such as CFC, HCFC) or greenhouse gases (HFC) to natural refrigerants.
- The facility will not necessarily be large, but illustrative in terms of energy efficiency.
- The facility should have an energy efficiency monitoring system.
- The preferable location is Moscow or a close, easy-to-access place. It is important to ensure opportunities for site visits of specialists, governmental and international delegations by agreement, at least 3 times a month, to study its implementation features.



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What support will be provided by UNIDO, GEF and MNRE?

- Partial co-funding of the project implementation.
- Organization of visits of international and governmental delegations and representatives of those customers that plan to eliminate the use of ozone-depleting substances and greenhouse gases.
- Creation of a website of the pilot project.
- Coverage of the project on the global and all-Russian level, including official events organized by UNIDO, GEF and MNRE.

We would like to inform you of our intention to select a facility for implementation of the pilot project by December 15, 2013.

We would also like to be sure that the company participating in its implementation has high technical level and experience in working with natural refrigerants.

If you are interested in discussing the possibility of implementing such a pilot project, our national consultant is ready to provide detailed answers to your questions in this regard. Please, contact via e-mail: A.KUSHNEREV@unido.org or by telephone (mobile) +7 916 619 0696.

Thank you for your attention.

With best regards,

A handwritten signature in black ink, appearing to be "Yury Sorokin", is written over a faint circular stamp.

Mr. Yury Sorokin

Industrial Development Officer/Project Manager

Refrigeration and Aerosols Unit

Montreal Protocol Branch

Programme Development and Technical Cooperation Division

United Nations Industrial Development Organization