

# ST. PETERSBURG

## WILL GET THE MOST MODERN AND RELIABLE UTILITY NETWORKS

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**C**onstruction of the new international Exhibition and Convention Centre (ECC), designed to host any scale of European and global business event, is one of the largest projects currently underway in St. Petersburg. This project is being implemented as part of the framework of Cooperation and Coordination Agreement signed by the Government of St. Petersburg and Gazenergoprombank CJSC on 9 February 2007. Expoforum CJSC was created on 18 January 2008.

ECC is situated on a 56.21 hectare site in the Pushkinskiy District of St. Petersburg, near Pulkovo Airport. The project includes the construction of open and indoor exhibition areas, a congress centre for 7000 people, the main hall for 3000 people and the gala events hall for 2000 people. There are two premium hotels, a business centre and additional infrastructure and facilities, including warehouses, customs terminal, coffee shops and restaurants. The reconstruction of Peterburgskoe Shosse includes the construction of several transport interchanges and road networks in the surrounding area to ensure easy access to the Exhibition and Convention Centre.

Avangard Engineering – the exclusive partner of POLY-PLASTIC Group in St. Petersburg and the Leningrad Region – has become a general supplier of materials for external water supply and water disposal systems. Expoforum CJSC has chosen the company because of their excellent quality products and prompt technical support throughout the process, including calculations, drafting the operating process chart, and consultations on appropriate product selection for the project.

Aikon LLC, MNR-1 LLC, SMU No. 9 LLC are overseeing the installation of utility networks.

CORSYS pipes from 110 mm to 1200 mm with various ring stiffness (SN8 and SN16) were supplied to all sites. The selection of the ring stiffness was undertaken by Avangard Engineering, together with technical specialists from POLY-PLASTIC Group, based on the ATV-DVWK 127 standard: Static calculations of drains and sewers.

MULTIPIPE II two-layer pipes, PAS 1075, made at the Klimosvsk Pipe Plant, were supplied for the most crucial parts of the water supply system. Their outer layer is made of the new generation materials, PE100RC, which have increased crack resistance. These pipes ensure increased mechanical impact-resistance during construction and operating, therefore providing reliability and durability.

The opening of Exhibition and Convention Centre is planned for the 2nd quarter of 2014. It will be one of the largest centres in Europe.

