SIBUR for Clients
ISSUE № 18

SIBUR'S LEAP ONTO THE WORLD STAGE

SIBUR is featured in a special publication by IHS Markit Chemical Week, the world's leading source of news, data and analysis in the petrochemical industry.

The publication covers SIBUR's growth strategy, new product development, production expansion, sustainability commitments, SIBUR PolyLab operations and implementation of Industry 4.0 at existing plants and new complexes.

TWO NEW PROJECTS – ZAPSIBNEFTEKHIM AND THE ONGOING AMUR GAS CHEMICAL COMPLEX PROJECT – ARE TRANSFORMING SIBUR'S BUSINESS AND MARKET POSITIONS, AS WELL AS FUNDAMENTALLY CHANGING RUSSIA'S PETROCHEMICAL MARKET AND THE COUNTRY'S NON-COMMODITY EXPORT CAPABILITIES

SIBUR is one of the world's most profitable petrochemical companies and ranks highly for volume of investments. Two new projects – the recently launched ZapSibNeftekhim and the ongoing Amur Gas Chemical Complex (AGCC) project – are transforming SIBUR's business and market positions, as well as fundamentally changing Russia's petrochemical market and the country's non-commodity export capabilities.

SIBUR has completed several significant projects in the plastics and organic synthesis products sector, including Europe's largest dioctyl terephthalate (DOTP) facility, inaugurated in 2019 in Perm with a capacity of 100 ktpa. As a key supplier of feedstock for the Perm plant, the POLIEF facility in Bashkortostan was expanded to keep step. POLIEF is also preparing to recycle PET flakes derived from used plastic packaging. "Our clients, global consumer goods companies, have ambitious goals to achieve high levels of recycled PET content in their bottles. Therefore, SIBUR has researched various technologies to meet the needs of our partners and society at large," Marat Avetisov, SIBUR Sales Director, Plastics, Elastomers and Organic Synthesis Division, says. "The project will contribute to an increase in the collection and recyclability of PET packaging in Russia."

Furthermore, SIBUR is diversifying its elastomers business. A butyl rubber plant project was completed in India, with production at a halogenated butyl rubber plant slated for launch in early 2021. The plant will employ SIBUR's one-of-a-kind solution-polymerisation technology, which does not use toxic solvents and is one of the few examples of technology from Russia successfully exported to foreign markets.

SIBUR's sustainability commitments include reducing the climate impact from its gas processing and petrochemicals businesses by 5% and 15%, respectively, and boosting the share of renewables, all by 2025.

SIBUR'S SUSTAINABILITY COMMITMENTS INCLUDE REDUCING THE CLIMATE IMPACT FROM ITS GAS PROCESSING AND PETROCHEMICALS BUSINESSES BY 5% AND 15%, RESPECTIVELY, AND BOOSTING THE SHARE OF RENEWABLES

"The plastic waste challenge is a key focus," says Maxim Remchukov, Sustainable Development Director at SIBUR. "We have committed to increase investments in R&D projects aimed at processing plastic waste and involving renewable sources of raw materials by 50%."

SIBUR PolyLab (/en/article/focus/polylab-s-vectors/), a polymer research facility, is implementing scheduled research and development projects and has held more than 70 events of various formats and scales since its opening in 2019. "We have been actively building relationships with a wide range of SIBUR's partners, including customers, suppliers, equipment manufacturers, global manufacturers of finished materials, and even experts in academic and applied research," says Konstantin Vernigorov, CEO of SIBUR PolyLab.

The large-scale digital transformation underway at SIBUR is leading the company to a new level of efficiency. Machine learning is used to control production processes, big data analytics helps improve product quality, as well as predict and prevent issues in equipment by giving timely recommendations to operators.

Special publication by IHS Markit Chemical Week (/upload/medialibrary/8fc/8fce718b891af766470574efc4e56c6c.pdf)