

## OIL REFINING AT COMPANY ASSETS

### OMSK OIL REFINERY

**22.0**

**mn t**  
installed capacity

**20.5**

**mn t**  
refining

**90.6%**

refining depth

**70.9%**

yield of light petroleum products

#### > Milestones of 2016:

- > projects are continuing to increase oil refining depth that include the construction of an advanced oil refining complex (AORC), a delayed coking unit (DCU) and the primary oil refining unit of the crude and vacuum distillation unit complex;
- > a set of environmental projects was implemented that includes the construction of a complex of treatment facilities, a technological condensate treatment unit and a catalytic cracking gas regeneration treatment unit;
- > reconstruction of catalyst production and a sulfuric acid alkylation unit, and an LPG park was built;
- > five of the refinery's products won the national contest '100 Best Goods of Russia' programme and four products won awards.

#### > Plans for 2017:

- > continue implementing projects to increase oil refining depth;
- > continue implementing environmental projects, including finishing construction on an automated unit for on-spot petroleum product loading into rail tank cars and a hydrogen production unit as well as the reconstruction of a bitumen production unit.

### MOSCOW OIL REFINERY

**12.2**

**mn t**  
installed capacity

**10.7**

**mn t**  
refining

**75.8%**

refining depth

**58.1%**

yield of light petroleum products

#### > Milestones of 2016:

- > continued implementation of projects to increase oil refining depth, including the construction of an AORC, DCU and the Euro+ advanced oil refining unit;
- > construction of a sulphurous alkaline waste and process condensate treatment unit and biological treatment facilities (the Biosphera project);
- > reconstruction of a catalytic cracking unit in order to improve oil refining efficiency.

#### > Plans for 2017:

- > continue implementing projects to increase oil refining depth (AORC, DCU and Euro+);
- > continue implementing infrastructure construction projects, including an automated rack for on-spot loading into railway vehicles and a rack for on-spot loading of light petroleum products in motor vehicles;
- > completion of the Biosphera project as well as projects to rebuild a catalytic cracking unit and the primary oil refining unit of Crude and Vacuum Distillation Unit Complex-6.

## NIS (SERBIA)

**7.3**  
mn t

installed capacity<sup>1</sup>

**3.1**  
mn t

refining

**84.9%**

refining depth

**73.4%**

yield of light petroleum products

### ▶ Milestones of 2016:

- > the primary oil refining unit was reactivated and put into operation in an effort to increase refining volume and production efficiency;
- > the front end engineering design (FEED) was completed and an Engineering, Procurement, Construction Management (EPCM) contractor was selected for the project to build a DCU.

### ▶ Plans for 2017:

- > continue implementing the project to build a DCU.

## OIL REFINING AT JOINT VENTURE OIL REFINERIES

In addition to its own oil refineries, Gazprom Neft has access to the refining facilities of Slavneft-YANOS OJSC and Mozyr Oil Refinery OJSC in the Republic of Belarus.

## SLAVNEFT-YANOS

**15.0**

mn t

installed capacity

**7.5**

mn t

refining<sup>2</sup>

**66.5%**

refining depth

**55.9%**

yield of light petroleum products

### ▶ Milestones of 2016:

- > construction completed on a pressurised fuel oil loading unit;
- > implementation of a project to build a group three oil production unit.

### ▶ Plans for 2017:

- > commission the group three oil production unit;
- > continue implementing an environment project to build a hydrogen sulphide utilisation unit as well as projects to improve operating efficiency, including a project to convert process furnaces to natural gas and replace the furnace of the primary oil refining unit of Atmospheric-Vacuum Distillation Unit-4;
- > to select an oil residue refining technology and complete a feasibility study.

## MOZYR OIL REFINERY

**12.0**

mn t

installed capacity

**0.13**

mn t

refining<sup>3</sup>

**74.04%**

refining depth

**58.95%**

yield of light petroleum products

### ▶ Milestones of 2016:

- > the following facilities were built and commissioned as part of the Company's Production Development Programme: a complex high-octane petrol component production unit (tert-amyl methyl ether + methyl tertiary butyl ether + Dimersol-G), C4 fraction adsorption purification unit and a sulphur production unit;
- > completion of the second stage of the reconstruction of a distillate hydrotreatment unit (construction of a vacuum gas oil stabilisation unit).

### ▶ Plans for 2017:

- > continue implementing a project to build a heavy oil residue hydrocracking complex.

<sup>1</sup> The Pancevo Oil Refinery has projected capacity of 4.818 bn t, while the Novi Sad Oil Refinery has projected capacity of 2.495 bn t and is currently under reconstruction with no plans for oil refining in 2016-2018.

<sup>2</sup> Share of refining of Gazprom Neft PJSC.

<sup>3</sup> Share of refining of Gazprom Neft PJSC. The volume of oil refined at the Mozyr Oil Refinery is determined based on a schedule approved by the Russian Ministry of Energy. Gazprom Neft can refine up to 50% of the oil supplied to the refinery. The actual refining volume at the refinery is determined based on its cost-effectiveness.