BELAGROTERMINAL LLC

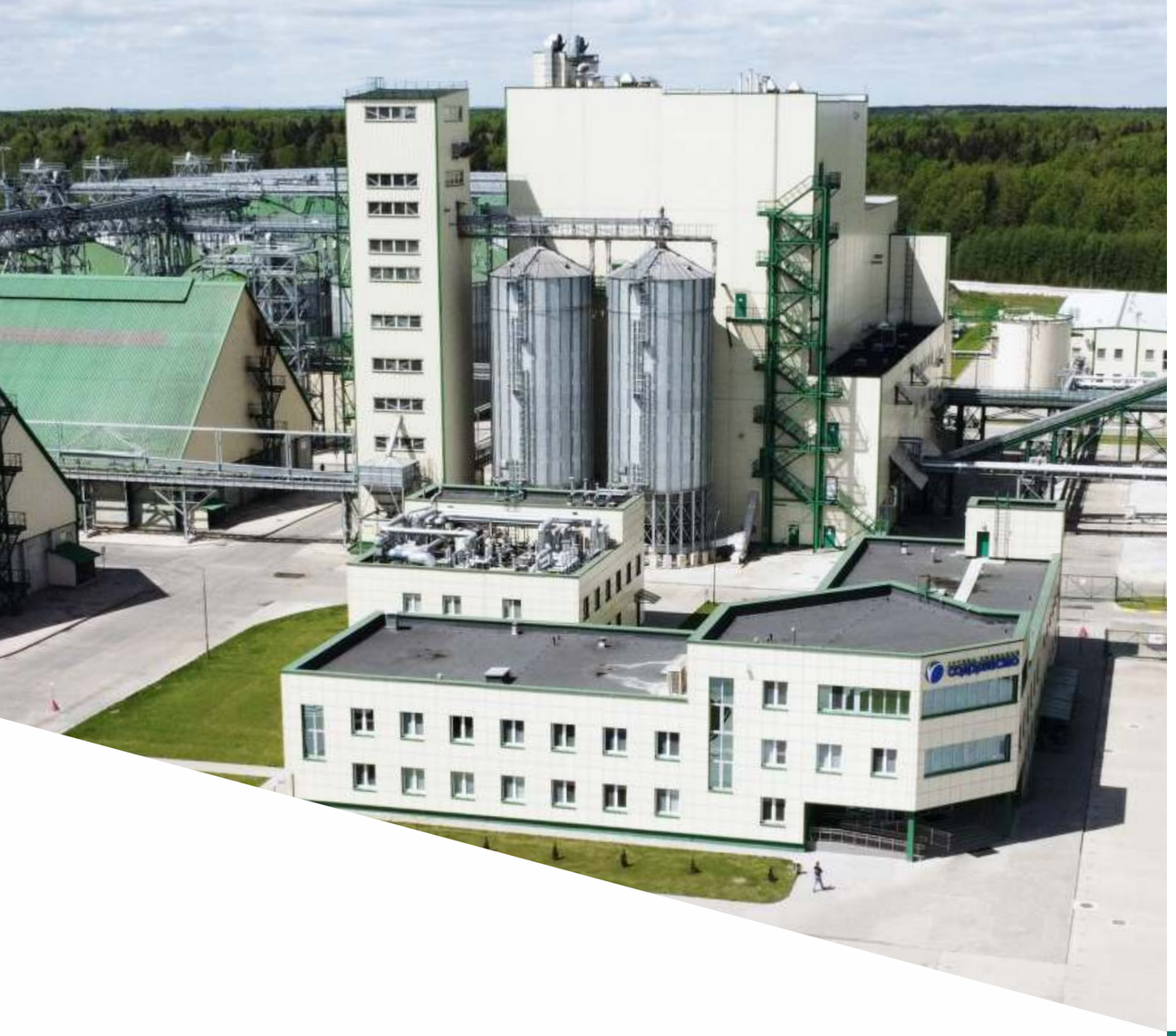
4 Logisticheskaya str. Smorgon
231042 Republic of Belarus

E-mail: bat@sodru.com
Phone: +375 1592 24601
www.sodrugestvo.by

GROUP OF COMPANIES
SODRUGESTVO

PROCESSING AND LOGISTICS COMPLEX BELAGROTERMINAL LLC

IN SMORGON



MANUFACTURING AND LOGISTICS COMPLEX

IN SMORGON

is the largest crushing plant in Belarus with the processing capacity of 2,000 TPD of oilseeds.

GROUP OF COMPANIES SODRUGESTVO

THIS PROJECT IS IMPLEMENTED AT THE TERRITORY OF BELARUS FOR THE FOLLOWING PURPOSES:

- Investments in the country's economy
- Development of crop farming
- The most innovative crushing plant in the Republic of Belarus and in Europe
- Providing Belarussian farmers with year-round orders for rapeseeds and other oilseeds
- Reduction of costs of manufactured products for local consumers of the plant output (stock breeding complexes, fat plants and etc.)

BELAGROTERMINAL LTD

IS THE FIRST LARGE-SCALE PROJECT OF SODRUGESTVO GROUP IN BELARUS

THE PROJECT WAS EXECUTED IN THREE STAGES:

1. May 2011 to September 2014 : Works on construction of the state-of-the-art agro-logistics complex with the simultaneous storage capacity of 100,000 tons of dry/liquid bulk and packaged cargos.

2. November 2016 to February 2018 : Construction of the crushing plant with the processing capacity of 2,000 TPD of oilseeds, such as rapeseeds, soybeans, camelina and linseeds.

3. December 2020 to December 2021 : Improvement of Railway access tracks with laying additional non-public railway tracks at the Smorgon PLC, with construction of a parking lot for trucks with raw materials.

MANUFACTURING COMPLEX

CRUSHING PLANT
The processing capacity of 2,000 TPD of oilseeds. Total output is 650,000 tons per year.

LECITHIN PRODUCTION FACILITY
Capacity up to 10 TPD with the total output of 3,000 TPY.

THE PRODUCTS OF SOYBEAN, RAPESEED, AND LINSEED CRUSHING (TPY):

215,000
Soybean feed-grade toasted meal

215,000
Rapeseed, camelina meal

11,000
Pelletized soybean hull

51,000
Soybean hydrated oil

155,000
Rapeseed, camelina oil

3,000
Lecithin

DRY/LIQUID BULK TERMINAL

The main purpose of the terminal is handling of import and export flows of various types of agricultural cargos (oilseeds, meals, pelletized hull, and other products) and other dry bulk cargos.

THE TERMINAL COMPRISES:

Grains and beans storage facility with the capacity of 185,384 m³:

- 24 silos;
- automated control of temperature settings;
- 10 silos for pelletized hull storage with the capacity of **8,190 m³**.

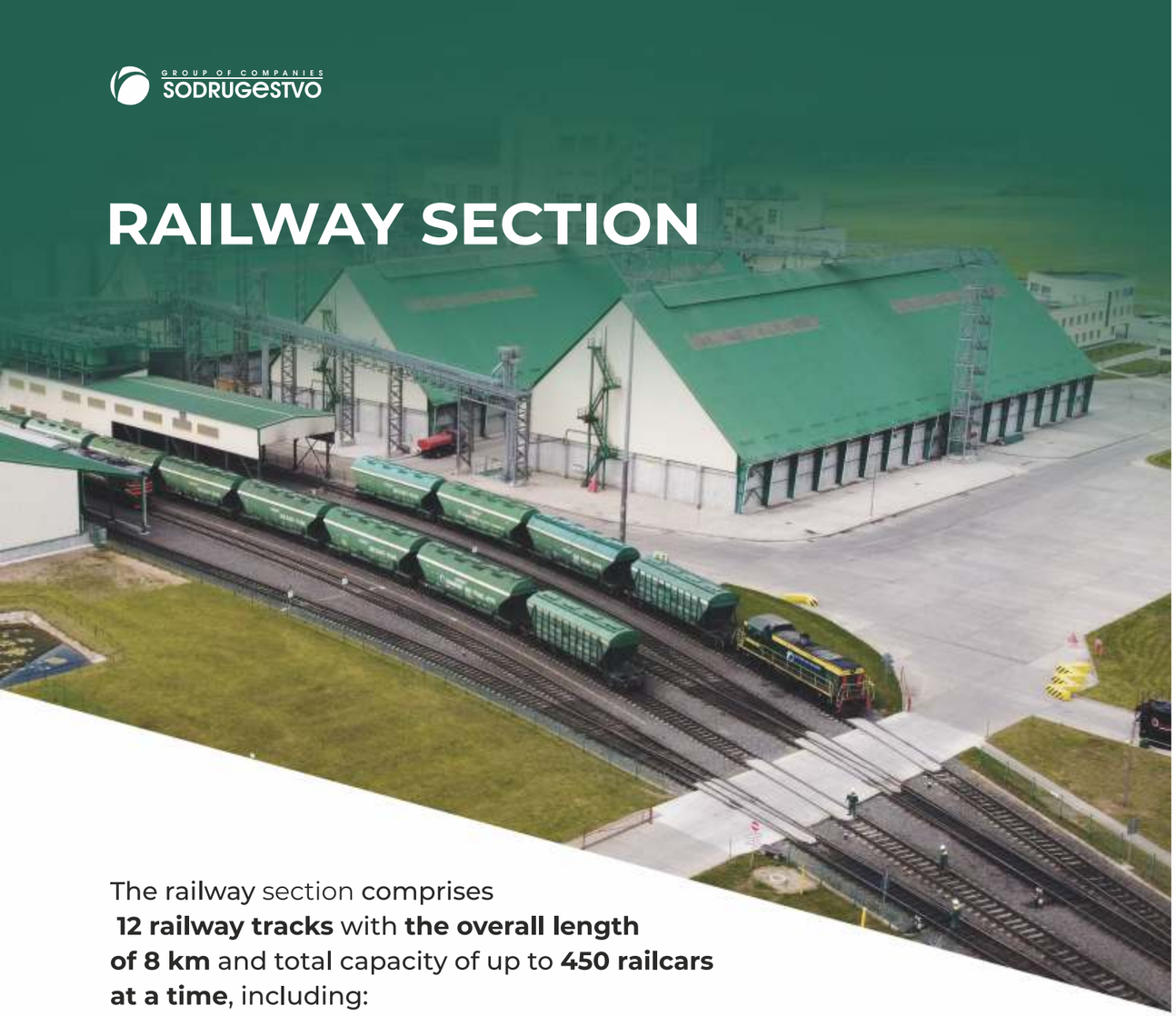
1 flat storage for packaged dry products with the area over **2,000 m².**

Main Oils Storage:

Total capacity of the storage is **22,400 m³**.

3 flat storages for meals of own manufacturing with the total capacity up to **45,000 m³**.

RAILWAY SECTION



The railway section comprises **12 railway tracks** with **the overall length of 8 km** and total capacity of up to **450 railcars at a time**, including:

- **4 loading/unloading tracks**, each having independent railway scales;
- **specialized weighing track for handling the fixed-route railcar traffic** with a possibility to reweigh all railcar types circulating in the FSU railway network;
- **specialized track for collecting samples from railcars** with raw materials entering the site;

To position railcars along the freight handling terminal and to spot/pull railcars, a company-owned shunting locomotive TGM4B is used;

To relocate railcars along the freight handling terminal, 4 shunting winches LEM15 are used;

Overall useful length of the railway track is **8,173 m**.

LOADING/UNLOADING OF RAILCARS TAKES PLACE AT SIMULTANEOUS LOADING POINTS AND UNLOADING POINTS:

- **1 liquid bulk loading point** – for vegetable oils – for simultaneous filling of 2 tank-cars, capacity up to 1,600 TPD.
- **2 loading points** – for soybean meal – for simultaneous loading of 2 grain-hoppers, capacity up to 6,000 TPD.
- **1 point with ramps** – for boxcars – for simultaneous loading/unloading of 6 railcars, capacity up to 400 TPD.
- **3 unloading points** – for dry bulk grains – for simultaneous unloading of 5 railcars, capacity up to 8,000 TPD.

PRODUCT QUALITY AND SAFETY

Product quality and safety **is of Sodrugestvo group's priorities**.

ALL INCOMING RAW MATERIALS ARE CHECKED FOR QUALITY AND SAFETY INDICATORS

All the raw materials received by the company go through quality and safety checks. We ensure that quality is maintained of our trade and transit goods of third parties, and quality and safety of finished products in the course of production, storage and supply. We share and track flows of products with various names and trademarks, in particular in terms of GM/non-GM.

EXPRESS QUALITY ANALYSIS TECHNOLOGY

All imported and released products subject to conformity declaration, certification or state registration go through the corresponding procedures.

OWN PRODUCTION AND TESTING LABORATORIES

Input and output control of commercial goods, production raw materials, control of technological processes and control of finished products in terms of quality and safety are provided by own accredited testing laboratory enterprises with the involvement of independent surveyors and expert organizations.

DECLARATION OF CONFORMITY, CERTIFICATION, STATE REGISTRATION

The testing laboratory is accredited for compliance with GOST ISO / IEC 17025-2019 (ISO / IEC 17025: 2017, IDT), certificate of accreditation BY/112 2.5122 dated 06/07/2019 Scope of the certificate accreditation covers a wide range of organoleptic, physicochemical, microbiological tests, including molecular biological analysis for the determination of GMOs.

SUSTAINABILITY

Sustainable development is a key priority for Sodrugestvo Group and one of the essential components of its everyday activities.

CERTIFICATION AND TRACEABILITY

Enterprises of the manufacturing and logistics complex are certified to the modern international management systems standards most requested by the customers of our products.

Every day at the enterprises of Sodrugestvo Group decisions are made subject to the impact effect on the World around us.

Certified social, environmental management, occupational health and safety management systems:

ISO 45001

Enterprises of Sodrugestvo Group are a part of the global sustainable supplying chains.

Certified sustainable supply chains:

ProTerra, ID NON-GMO STANDARD, EUROPE SOYA

Enterprises of Sodrugestvo Group have implemented quality and safety management systems that are certified in accordance with international standards.

Certified feed and food quality and safety systems:

ISO 9001, ISO 22000, FSSC 22000, GMP+

POWER-SUPPLY AND TECHNOLOGY COMPONENTS OF THE COMPLEX

Local sewage treatment facilities
with the capacity of 35 m³ per day

Water intake with the capacity up to 3,624 m³ per day:

- 2 artesian wells 201 m deep for manufacturing purposes;
- 2 artesian wells 123 m deep for household purposes;
- 2 iron removal stations;
- water purification plant;
- reserve water tanks with the volume of 1,000 m³.

Storm-water treatment facilities

High-voltage distributing point 10kV (DP №599)*:

- high-voltage outer cable lines 9 km long;
- 4 transforming substations 10/0,4 kV;
- the length of inner 10kV cable lines is 1,4 km.

Boiler house with the capacity of 36 tons of steam/hour:**

- the length of heat pipelines is over 1 km;
- 9 heat supply units.

* Comparable with power supply of a town with appr. 12 thousand inhabitants.

** Comparable with heat supply of 40 apartment blocks each consisting of 100 apartments.

ENVIRONMENTAL PROTECTION

Long-term environmental protection measures in the context of implementation of the sustainable development goals:

- Modernization of water treatment plant by gas boiler house;
- Reconstruction of storm water drainage K-2 by installing balancing storm water tanks and additional waste treatment facilities;
- Installation of condensing economizer for boiler BOSCH UL-S 13000/13 of gas boiler house;
- Creation of an ecological path in the adjacent forest.

OUR AMBITION is to be a moving force where the production of vegetable oil and feeds creates a value of ethical relationship to natural environment for everyone – households, people working at plants and fields, urban population, and where people have unconditional respect for environmental values which are actively protected due to sustainable agriculture.