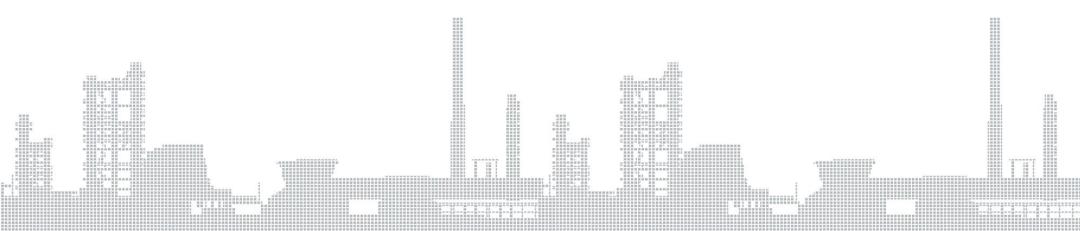


TOBOLSK-POLYMER propane dehydrogenation and polypropylene production complex

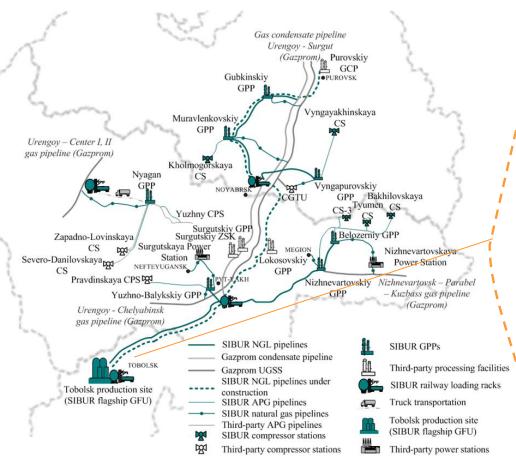


LOCATION OF THE TOBOLSK-POLYMER COMPLEX



WEST SIBERIAN PETROCHEMICAL CLUSTER

THE COMPLEX IS ADVANTEGOUSLY LOCATED AT THE HUB OF THE OIL AND GAS FIELDS AND THE MAIN ROUTES CONNECTING SIBERIA WITH THE WESTERN PART OF THE COUNTRY







PROJECT SCALE





ITALY **GERMANY**

 UNITED KINGDOM CZECH REPUBLIC RUSSIA

BELGIUM

INDIA SPAIN NETHERLANDS • MEXICO

USA

CHINA JAPAN

TURKEY SWITZERLAND
 UAE

FRANCE

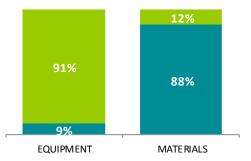
 SWEDEN AUSTRIA

KOREA MALAYSIA

DENMARK

SINGAPORE

EQUIPMENT AND MATERIAL SUPPLIERS**











MAIRE TECNIMONT SPA (Italy)

EPC contractor for DHP plant

SURVEY WORK

LINDE AG (GERMANY)

TOBOLSK-POLYMER

INEOS (United Kingdom)

PP licensor

FLUOR

contractor

UOP (USA) DHP licensor (Netherlands) project management

ONE OF THE BIGGEST PROPYLENE PRODUCERS (BY DHP UNIT CAPACITY)* EPC contractor for PP plant

Pl Propylene	USA	658 000 tpa
Tobolsk- Polymer	RF	510 000 tpa
Saudi Polyolefins Co.	Saudi Arabia	450 000 tpa
Propanchem	Spain	400 000 tpa
Petronas	Malaysia	300 000 tpa

THE BIGGEST PP PRODUCER (BY PP **UNIT CAPACITY)***

Tobolsk- Polymer	RF	500 000 tpa
Shenhua Ningmei	China	500
Shenhua Ningmei	China	500
Ibn Zahr	Saudi Arabia	500
Chandra Asri PC	Indonesia	480
Total PC	Belgium	480

^{**} Ratio in value terms



^{*} Projects that are already operational

DELIVERY OF LARGE-SCALE EQUIPMENT

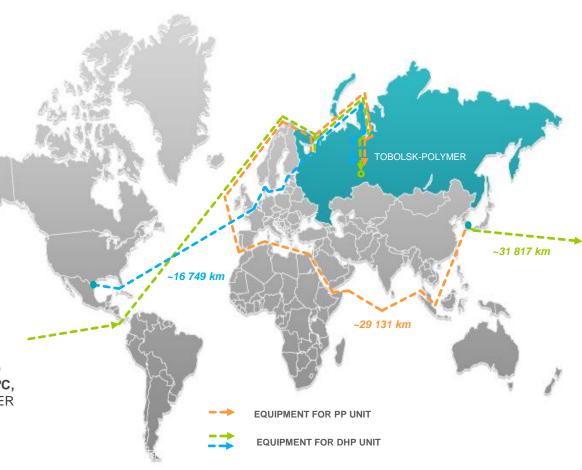




 18 VESSELS, 992 RAILWAY CARS, AND 1,957 TRUCKS HAVE DELIVERED EQUIPMENT AND MATERIALS TO THE FACILITY FROM OVER 20 COUNTRIES

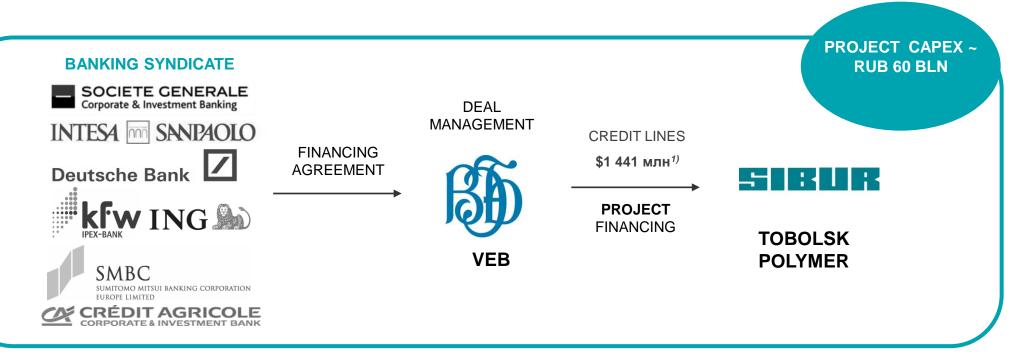
 THE FACILITY'S LARGEST COLUMN IS 96M HIGH, HAS A DIAMETER OF 10.5 M, WEIGHS 1,086 TONNES AND TOOK 6 HOURS TO BE INSTALLED

 ALL EQUIPMENT IS DESIGNED TO BE FULLY OPERATIONAL AT -52°C, THE LOWEST TEMPERATURE EVER RECORDED IN TOBOLSK





PROJECT CAPEX AND FINANCING



CREDIT AGRICOLE CIB

- Global Coordinator and Documentation Agent for the financing.
- Commercial Facility Agent for the two Commercial Loan Facilities

INTESA SANPAOLO SPA

SACE Agent and Italian Paying Agent

DEUTSCHE BANK

Hermes Facility Agent, SACE Facility Agent and Hermes Agent

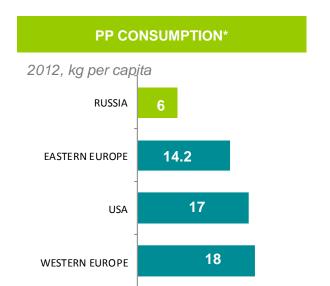
NAMED DEAL OF THE YEAR 2010 BY INTERNATIONAL FINANCIAL PUBLICATIONS: **PROJECT FINANCE MAGAZINE** AND **TRADE FINANCE MAGAZINE**

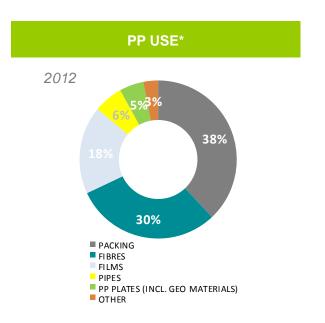
¹⁾ Including \$1,220 mln ECA backed financing - 13.5 years, and \$221 - commercial installment loan - 9 years



RUSSIAN POLYPROPYLENE (PP) MARKET









SIBUR'S SALES NETWORK



SIBUR'S INTERNATIONAL OFFICES (EXPORT **DIVISION):**

- MOSCOW
- VIENNA
- **SHANGHAI**
- **GUANGZHOU**
- ISTANBUL

SIBUR'S SALES NETWORK

- TIANJIN
- **QINGDAO**
- **KIEV**

BASIC POLYMER SALES OFFICES:

- MOSCOW
- NIZHNY NOVGOROD
- **EKATERINBURG**
- ROSTOV ON DON
- SAINT PETERSBURG
- NOVOSIBIRSK/TOMSK



ECOLOGICAL PRESERVATION





- THE PROJECT'S ENVIRONMENTAL IMPACT IS MONITORED BY ERM EURASIA, AN INTERNATIONAL SUSTAINABILITY CONSULTANCY
 - CONTRACT SIGNED BY 2022
 - BIANNUAL AUDITS DURING CONSTRUCTION AND ANNUAL AUDITS AFTER COMMISSIONING
 - CONTINUOUS AUTOMATIC AIR QUALITY MONITORING BY THE STATION IN TOBOLSK
 - REGULAR LABORATORY TESTING PLANNED FOR AIR EMISSIONS
 AT THE BOUNDARY OF THE FACILITY'S SANITARY PROTECTION ZONE



- ADVANCED FILTRATION SYSTEM KEEPING VIRTUALLY ALL EMISSIONS BELOW THE AUTHORISED LEVEL
- FACILITY LOCATED 10 KM TO THE NORTH-EAST OF TOBOLSK
- WIND ROSE: FOR MOST OF THE YEAR THE WIND DIRECTION IS AWAY FROM THE CITY
- FACILITY EQUIPPED WITH CLOSED LOOP WASTEWATER TREATMENT SYSTEM (ZERO DISCHARGE TO RIVERS, LAKES, SWAMPS OR ANY OTHER BELOW/ABOVEGROUND WATER RESERVOIRS)
- WASTE TREATMENT FACILITIES DESIGNED WITH RESERVE CAPACITY TO CONTAIN OVERSPILL

ENVIRONMENTAL MONITORING DATA IS REGULARLY SUBMITTED TO THE **TYUMEN REGION'S ROSPRIRODNADZOR OFFICE**(FEDERAL SERVICE FOR THE SUPERVISION OF NATURAL RESOURCES) AND THE TYUMEN GOUVERNMENT'S NATURAL
RESOURCES AND ENVIRONMENTAL MANAGEMENT DEPARTMENT