

**PJSC Polyus****Polyus and Rostelecom deployed pLTE broadband network with 5G capabilities at Kuranakh**

PJSC Polyus (LSE, MOEX: PLZL) (“Polyus”, the “Company”) announces the deployment of Russia’s largest broadband, the pLTE network with 5G capabilities, at Kuranakh. The project was completed by Rostelecom and affiliate telecommunications provider Tele2.

The contractors installed a resilient core network, 11 base stations, access points for the mining fleet and a UPS system to guarantee the operating time requirements would be met under the regional climate conditions.

The system covers over 200 km<sup>2</sup>, with 100 access points operating simultaneously and a guaranteed minimum network transfer capacity of 2.9 mbit per second with seamless roaming intranet. The system provides a stable connection required for the mining fleet’s control system.

Polyus’ pLTE network has capacity for up to 1,000 access points. This will enable the Company to meet future demand as the mine grows and provides innovative digital solutions for mitigating operational risks and increasing operating safety. These solutions include GPS staff tracking, use of “smart” helmets, health sensors, video surveillance and analytics systems.

**Lev Bondarenko, Polyus Vice President for Business Transformation and Digitalization, commented:**

*“Efficient mine management requires a high-speed wireless data transmission network. This is necessary to run multiple digital operations, including real-time control of the mining fleet, mobile solutions, digital monitors, augmented reality tools, automation, online video transmission and other information. Polyus tested various technologies which had some limitations in supporting all of these services. We chose pLTE to develop a private wireless multiservice network of broadband access that enables us to meet all these requirements.”*

**Valery Ermakov, Rostelecom Senior Vice President for Corporate and Government Segments, commented:**

*“A separate LTE network at Kuranakh represents a new phase for digitalization in mining. The pLTE network enables process automation and cohesion of technical infrastructure. This increases performance, drastically improves industrial safety and reduces costs.”*

**Polyus**

Polyus is the world’s fourth-largest gold mining company by production volumes and the largest gold miner in terms of attributable gold ore reserves. The company has the lowest production costs among major global gold producers. Its principal

operations are located in Siberia and the Russian Far East: Krasnoyarsk, Irkutsk and Magadan regions and the Republic of Sakha (Yakutia).

## **Rostelecom**

Rostelecom is Russia's largest integrated provider of digital services and solutions, with presence in all market segments and covering millions of households, governmental and private organizations.

Rostelecom is a market leader in telecommunications services for corporate users of all levels.

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## **Forward looking statement**

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