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## HDD drilling under the San river began

**Almost 1-kilometre long gas pipeline shall be put under the San river with the use of horizontal directorial drilling (HDD). Starting drilling is one of greatest challenges for GAZ-SYSTEM during execution of the gas pipeline Hermanowice-Strachocina.**

Drilling a hole for placing gas pipeline started in Mrzyglód (commune Sanok). After its execution under the bottom of the San river, ca. 1 km gas pipeline will be placed. The scale of the challenge is connected with the drilling length being one of the longest in Poland. Additional difficulty is the fact that the hole is drilled in a rock.

The first phase provides a so-called pilot drilling for the pipeline DN200 that will be a scrubber reverse and after the completion as a casing tube for a fiber optic line.

Pilot drilling for the target gas pipeline will be done secondly. After the pilot hole has been done, it will be broadened in some stages with the use of drilling equipment adopted to geological conditions. After demanded hole diameter is achieved, the stage of pipeline drawing occurs.

HDD drilling under the San river is a part of works connected with realization of the gas pipeline Hermanowice-Strachocina being essential element of the Eastern thread of the Gas Corridor North-South. The 72 km long route will run through communes of Podkarpackie voivodship: Przemyśl, Fredropol, Ustrzyki Dolne, Bircza, Tywara Wołoska, Dydnia and Sanok.

Scope of investment, apart from the construction of the gas pipeline, comprises also, among others, extension of the Hermanowice knot with designing and building the offshoot towards Ukraine and building five linear barrier-relief sets DN700 8,4 MPa with by-pass systems.

Purpose of the project is to increase the energy security of the country and modernization and extension of a transmission system in the region of South-Eastern Poland. The investment is of huge importance in the context of the planned construction of a new gas pipeline Poland-Ukraine running between the knot Hermanowice on the Polish side and the knot Bliche Volytsia on the Ukrainian side.

Estimated construction cost of gas pipeline amounts to 288 million zloty. Financing of over 110 million zloty for the realization of this investment was obtained from the Operating Program Infrastructure and Environment.

Expected term for investment completion is 2019.

*GAZ-SYSTEM is a strategic company for the Polish economy. It is responsible for the transmission of natural gas, manages the most important gas pipelines in Poland and owns the President Lech Kaczyński LNG Terminal in Świnoujście.*

*As part of the 2015-2025 investment programme, GAZ-SYSTEM is constructing over 2000 km of new gas pipelines in the western, southern and eastern parts of Poland. Over a dozen new gas pipelines are under construction within the North-South Gas Corridor and the compressor station in Kędzierzyn-Koźle, as well as interconnections with Lithuania and Slovakia. Onshore gas pipelines are planned to connect the planned FSRU floating terminal in the Gulf of Gdansk with the national transmission system. The LNG Terminal in Świnoujście is also being extended, as a result of which the regasification capacity of this facility will be increased by more than a half.*

*The company is also implementing one of the most important infrastructural projects in the country - the Baltic Pipe project which consists in the construction of a two-way offshore gas pipeline connecting Poland and Denmark, expansion of the local transmission network and three gas compressor stations.*

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