



PERN

DIVERSIFICATION OF OIL SUPPLY TO POLAND – OPPORTUNITY FOR WESTERN COMPANIES

September, 2018



GENERAL INFORMATION ABOUT PERN

PERN

PERN is a strategic enterprise owned entirely by the Polish State Treasury, operating in crude oil and fuels logistics. The Company is located in Płock.

Company information

Location:	Płock, Poland
Industry:	Crude oil and fuels
Ownership:	100% Polish Treasury
Employment*:	ca. 2300 people in the Capital Group
Revenues*:	340 mln USD– PERN Capital Group
Website:	www.pern.pl



* data: 2017

PERN'S AREAS OF ACTIVITY



**PERN Capital Group is a vital component of the Polish crude oil and fuel logistics security chain.
The Company owns the largest network of overground storage facilities for crude oil.**

Activity of PERN

Core



Crude oil and fuel pipelines management



Crude oil and fuel transportation



Crude oil and fuel storage



Sea handling operations

Supplementary



Telecommunication



Pipeline technical assistance



Security services



PERN INFRASTRUCTURE – CRUDE OIL PIPELINES



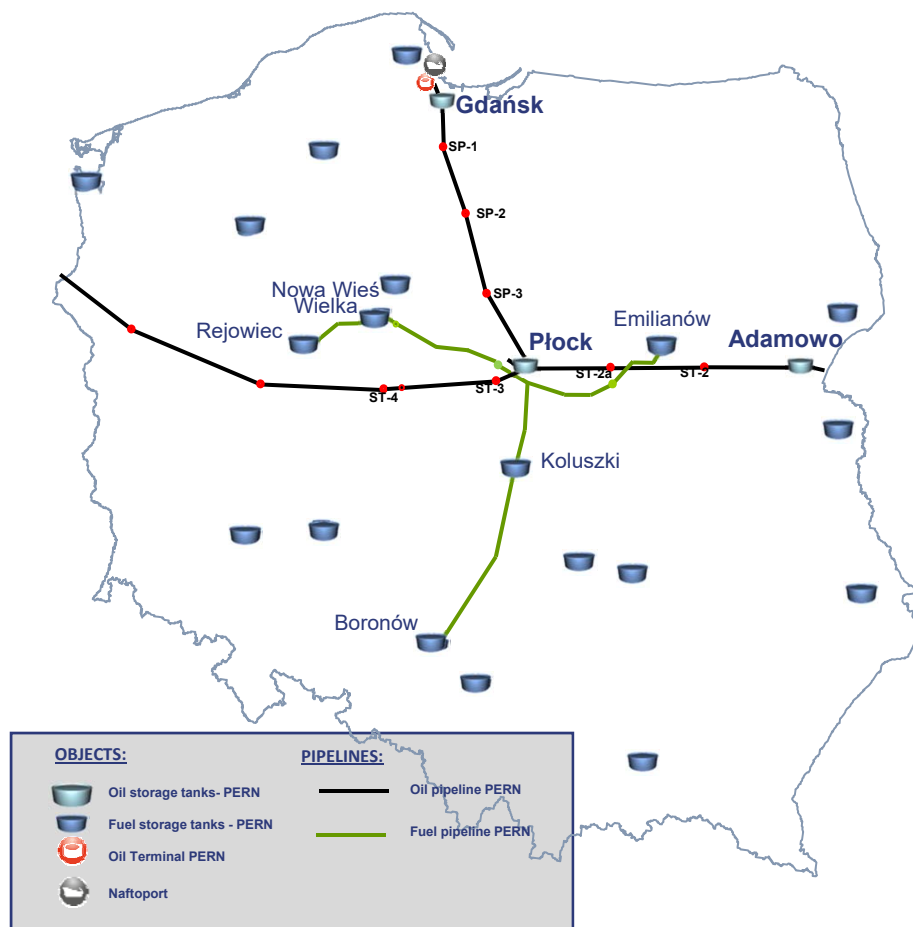
PERN is the owner and operator of the main crude oil pipelines on Polish territory.



- PERN owns and operates system, which transports oil from Russia via Eastern Section of Northern Druzhba pipeline to Płock, Gdańsk and Germany, and provides seaborne deliveries through Gdańsk harbor to Płock and Germany.
- The above described PERN's system secures supplies to the Polish and German refineries connected to the pipeline from two independent routes – via Adamowo (Druzhba) and via Gdańsk through Naftoport (seaborne).
- The total capacity of tank farms operated by PERN amounts to approx. **22 million barrels.**
- In PERN's tank farms commercial and intervention stocks of crude oil are stored.
- Tank farms are connected with PERN's pipeline infrastructure, which secures efficient release of stocks from PERN's tanks.

PERN INFRASTRUCTURE – FUEL PIPELINES AND STORAGE

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- **PERN** owns and operates the system of pipelines designed for transportation of petroleum products (gasoline, diesel oil, heating oil) from Płock in three directions: Warsaw, Poznan, Silesia.
- PERN also offers petroleum products storage services for companies that deal with trading and distribution of fuels (total capacity – 11 million barrels) as well as storage of intervention stocks.
- Fuels are stored in 19 tank farms located on Polish territory.



EXPANSION OF CRUDE OIL STORAGE CAPACITY IN GDAŃSK

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Currently PERN implements two large projects expanding PERN's crude oil storage capacity:

1. Oil Terminal in Gdańsk

- First stage of construction of Oil Terminal in Gdańsk - completed. During this stage 6 oil storage tanks have been built, with the capacity of 393 thousand barrels each (total storage capacity is 2.35 million barrels), technologically connected with the Naftoport.
- Oil Terminal provides services of storage, separation and accumulation of oil.
- In the second stage of the project construction of 5 additional oil storage tanks of the total storage capacity of 2.45 million barrels is planned.

2. Tank farm in Górki Zachodnie

- The project envisages construction of 2 oil storage tanks of the capacity of approx. 630 thousand barrels each in PERN's tank farm in Gdańsk.
- The storage tanks will be connected to the existing infrastructure of the tank farm and to the remaining pipeline infrastructure of the company, giving more possibilities for oil storage for company's clients and greater operational capacity for handling vehicles coming to the North Port (PPPP Naftoport).



EXPANSION OF STORAGE CAPACITY FOR PRODUCTS

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- Due to legal reforms aiming at the elimination of grey zone in petroleum product trade, PERN presently has maximum levels of capacity utilization – both for operations and for storage of compulsory stocks.
- In comparison to last year company registered 30% increase of petroleum product storage.
- Therefore company initiated expansion of storage capacity. Altogether, in two stages, approximately 1.8 million barrels will be constructed.





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