



Brussels, 24 March 2025
(OR. en)

7203/25

PROCIV 25

COVER NOTE

From:	General Secretariat of the Council
To:	Delegations
Subject:	Presentation by Alpetrol delivered at the PROCIV CER WP on 18 March 2025 - Alpetrol's infrastructure security of LPG supply

Delegations will find attached the abovementioned presentation.

ALPETROL'S INFRASTRUCTURE SECURITY OF LPG SUPPLY

Marcin Cabak
Director of Security Department

Brussels 2025

LPG WHAT IS IT?



Liquefied petroleum gas (LPG), a product of refined petroleum, used as a gas (propane, butane, mix), but stored and transported in pressurized containers in liquid form.



An energy carrier that "compensates" for the negligence of the 70s and 80s (lack of infrastructure – gas pipelines and co)



What is it used for (cars, heating, industrial processes, steel mills, aerosols, poultry, lighters, bottled kitchens)



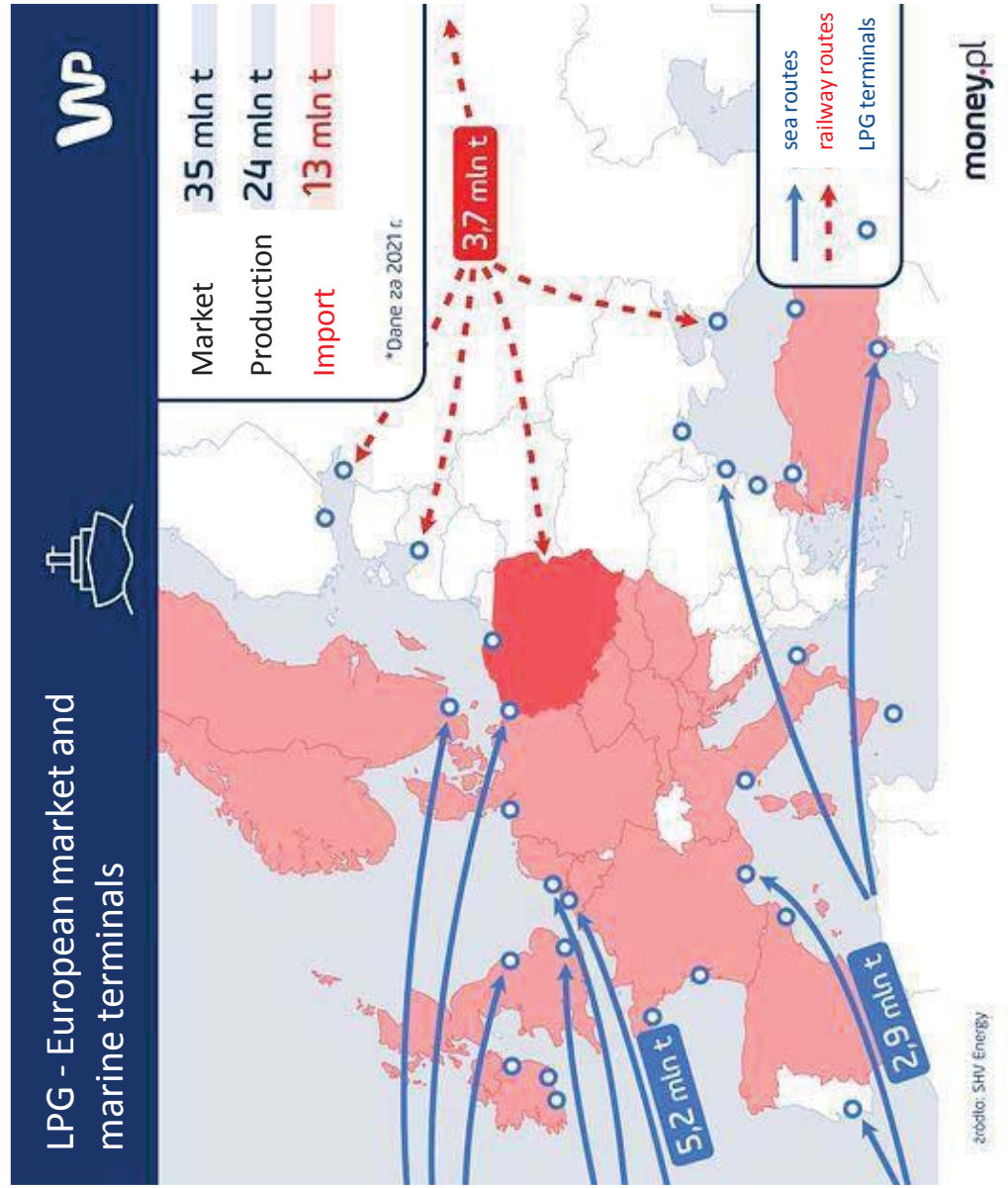
ENVIRONMENTAL PROTECTION

LPG combustion does not emit NOx (carcinogenic nitrogen oxides) and causes lower CO2 emissions by:

- 🔥 12-15% compared to gasoline and diesel,
- 🔥 20% compared to heating oil,
- 🔥 50% compared to coal (source – WLGA – LPG Climate Benefits Card)



LPG DELIVERIES TO EUROPE



LPG DELIVERIES TO POLAND



LPG IN NUMBERS - POLAND

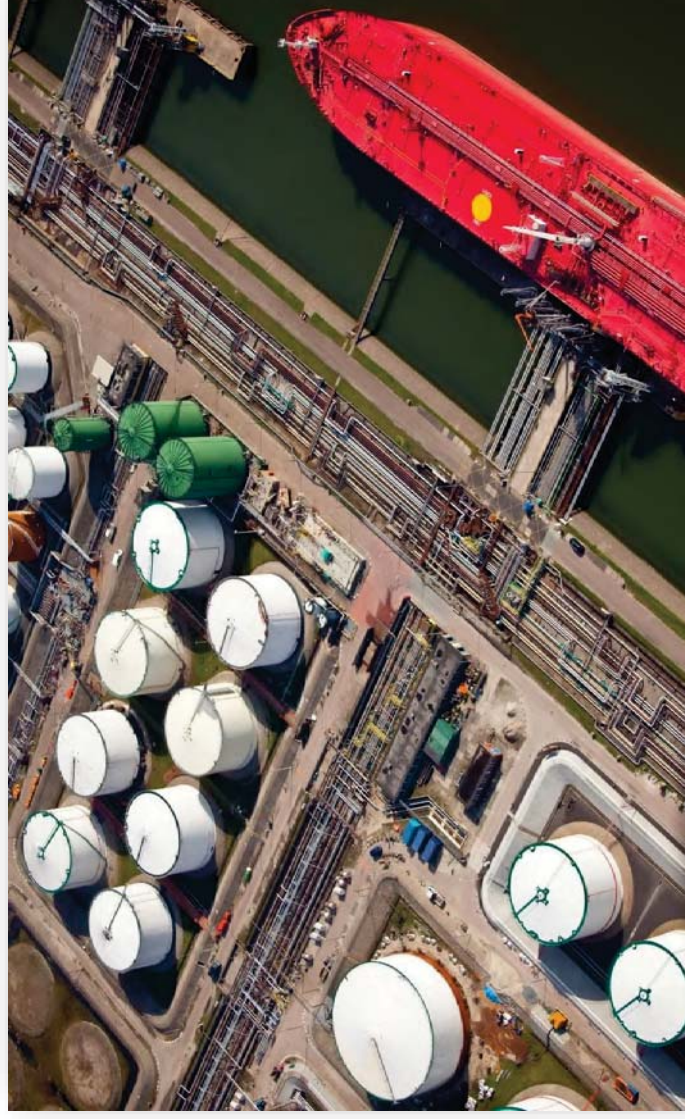
LPG cars 3,452 thousand Poland has the highest number of passenger cars per 1,000 inhabitants in the entire European Union, European Union average 574 pcs. per 1,000 inhabitants

Number of registered tanks 140 025 pcs. (as of December 31, 2023)

11,626 pcs. at petrol stations, which constitutes 8.3% of the total number of registered LPG tanks in Poland

1,467 pieces of Class 2 ADR dangerous goods tankers (UN1965, 1969 and 1011,1978,1077)

Over 10 million pcs. cylinders with a capacity of only 11 kg



Polish LPG market structure in 2023 (in %)

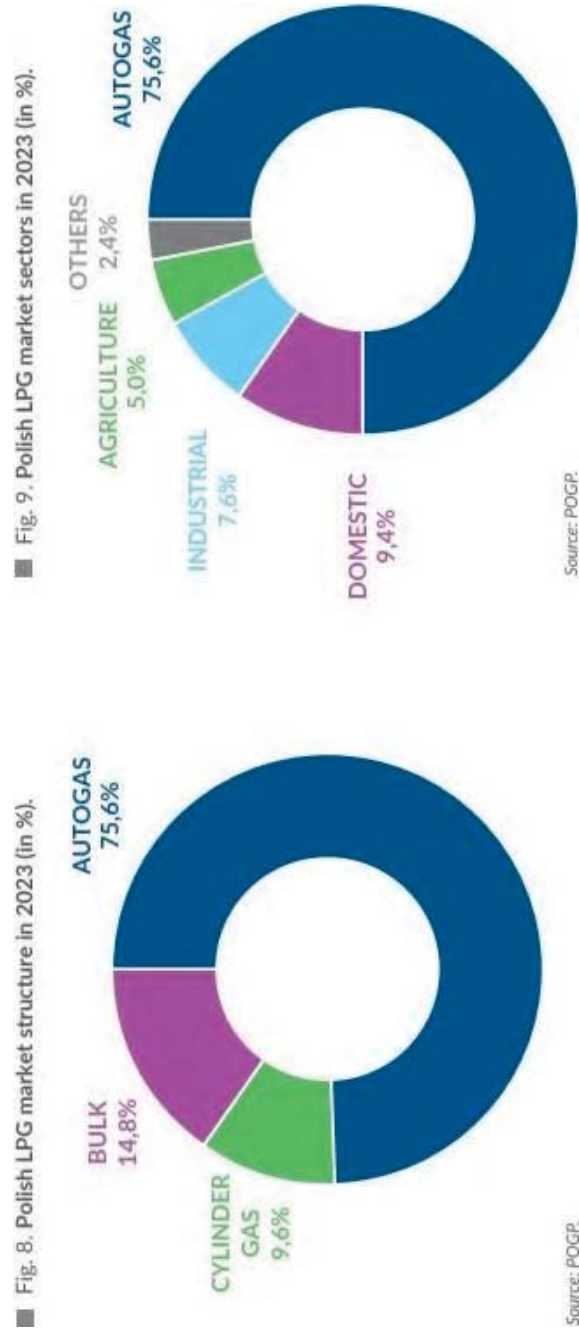
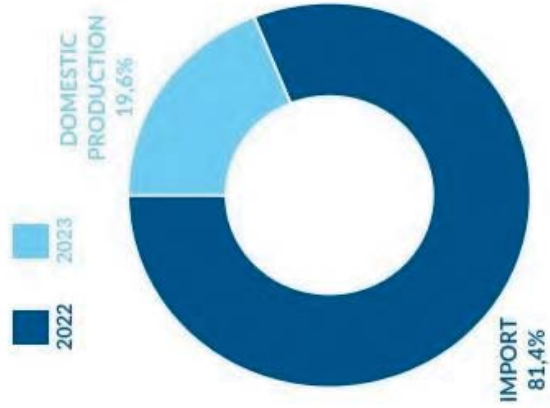


Fig. 1. LPG market in Poland in 2022-2023 (in kt).



Source: POGP.



Domestic production
<20%(monopoly)

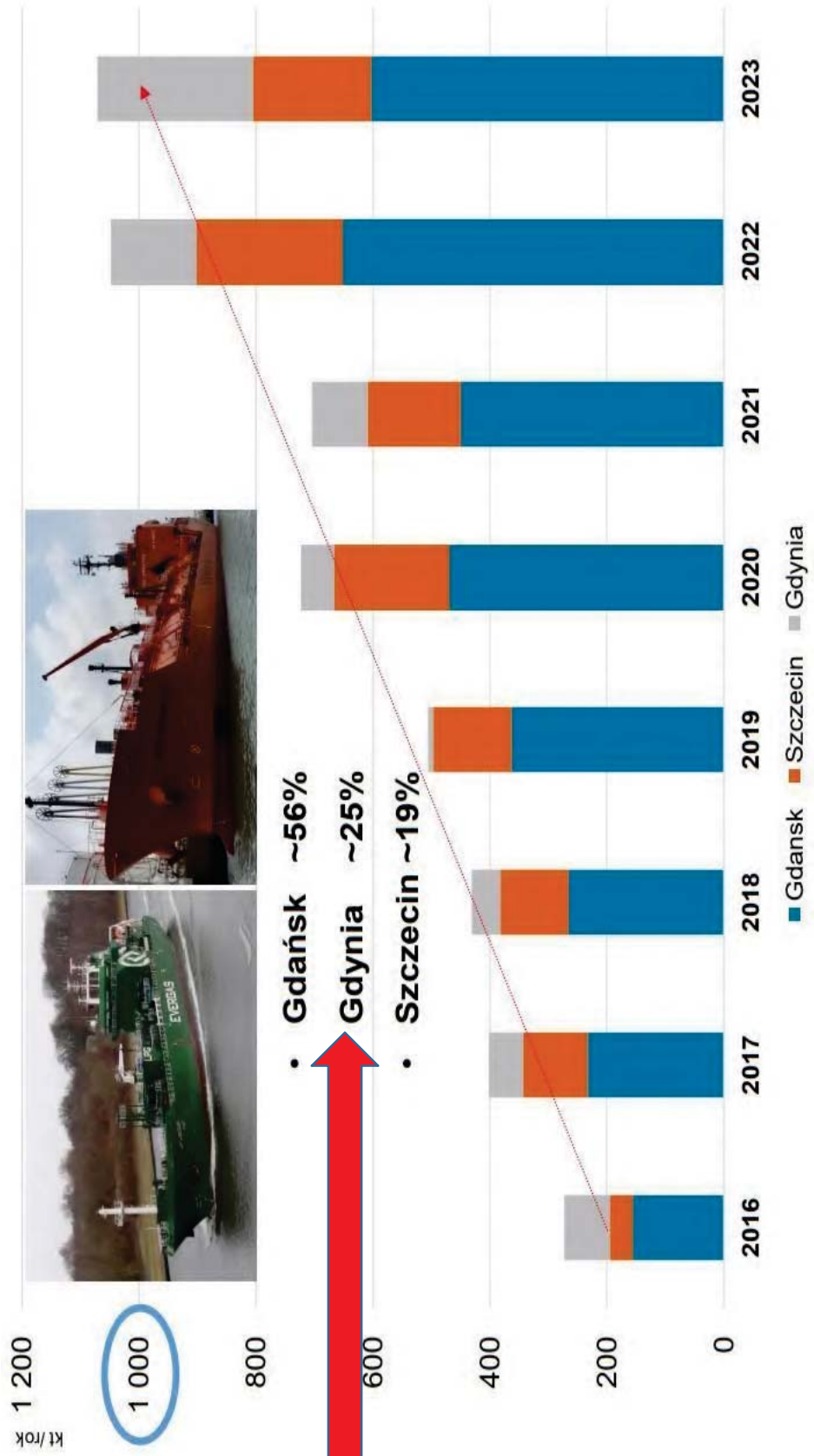
Dependence on imports
>80%

Dominant russian stream
ca 50%

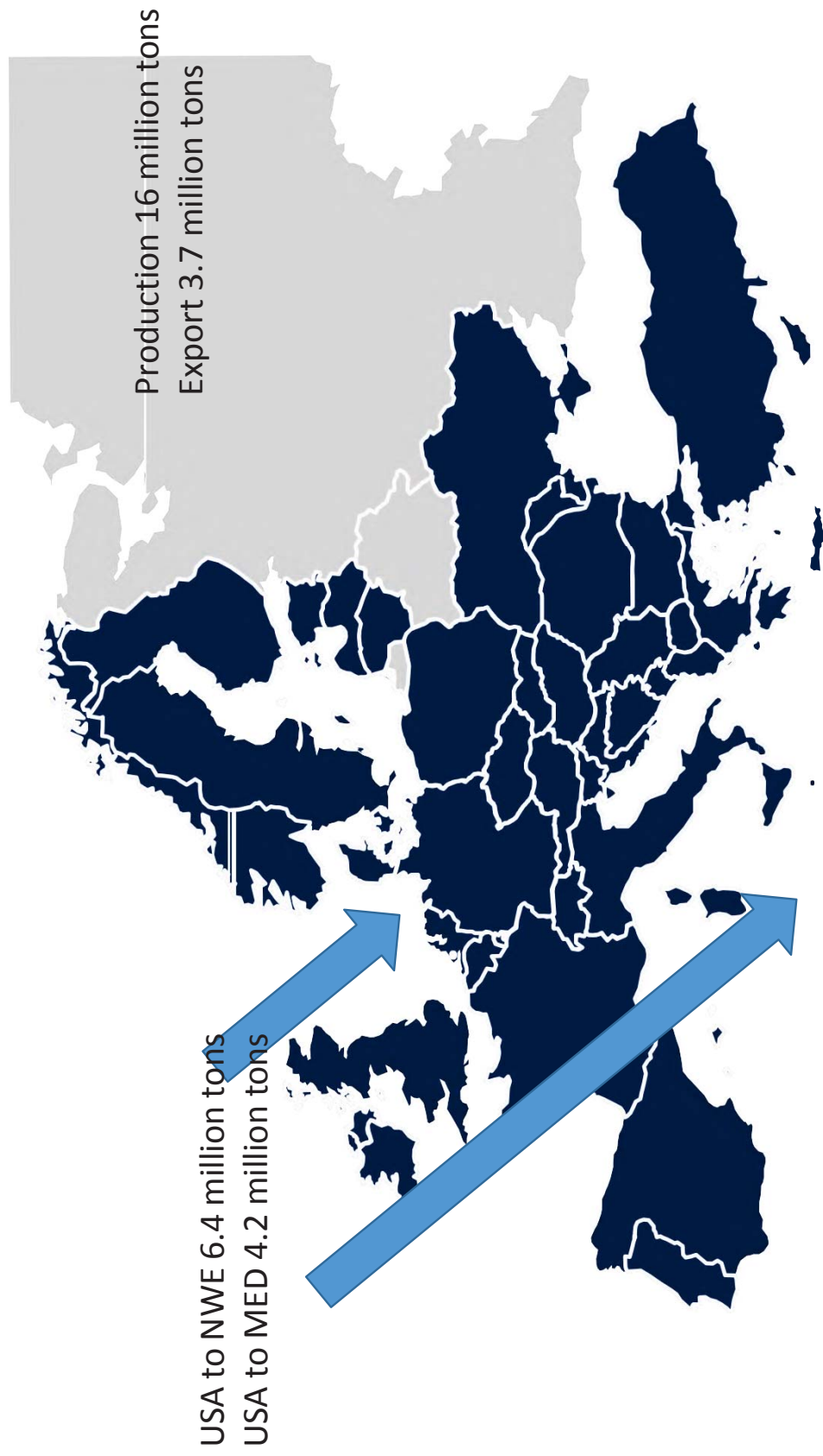
Growing supplies from
NWE 30%

Growing exports to UKR

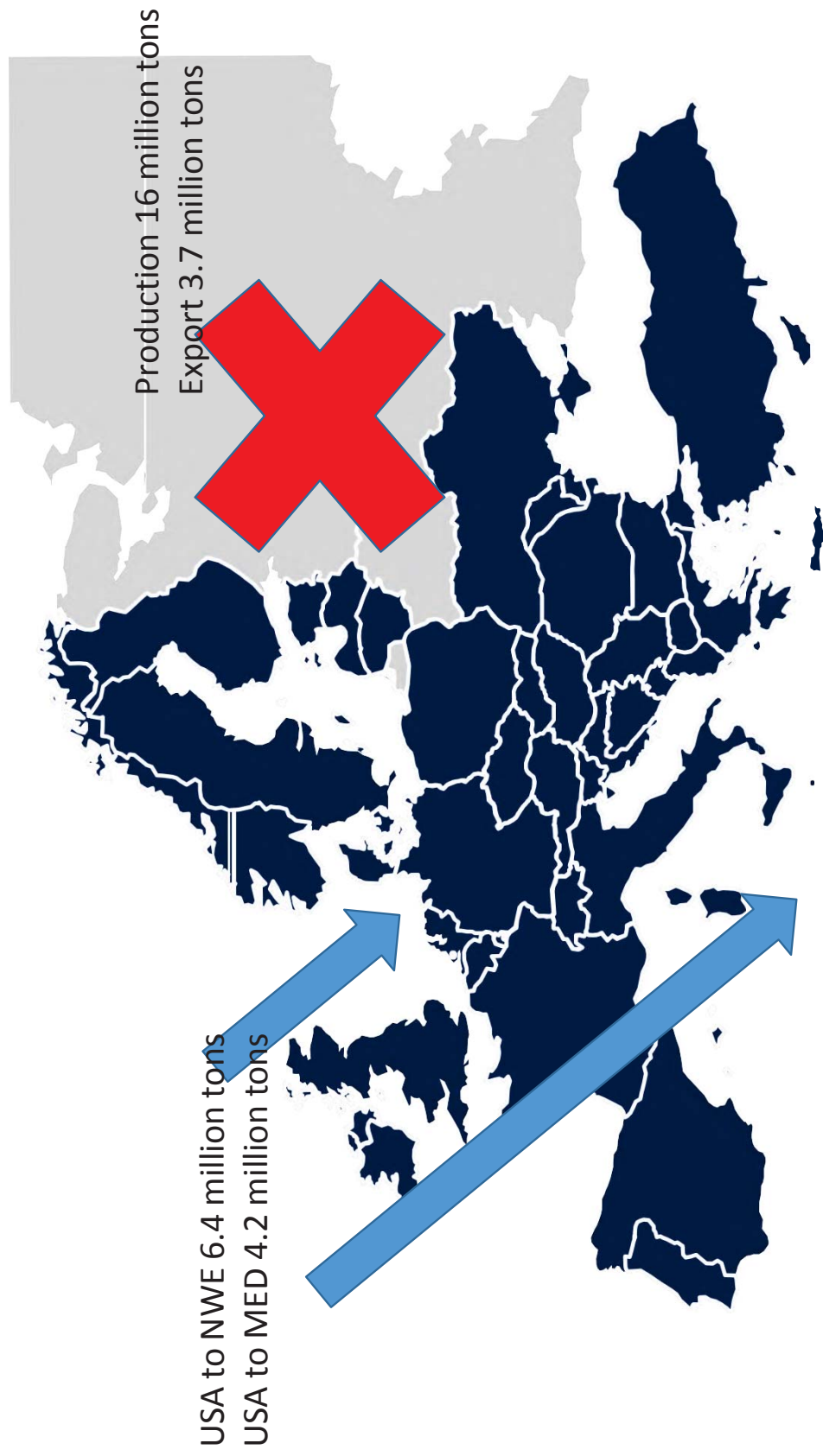
LPG IMPORTS THROUGH POLISH PORTS >1 MILLION TONNES/YEAR



LPG SANCTIONS 20.12.2024



LPG SANCTIONS 20.12.2024



SUMMARY OF THE CURRENT SITUATION ON THE LPG MARKET



<https://www.wnp.pl/gornictwo/rynki-ropy-lpg-grozi...>

Rynkowi LPG grozi katastrofa. Powtarza się scenariusz z węglem

WITRYNA 1 dzień temu · Rynkowi LPG grozi katastrofa. Powtarza się scenariusz z węglem. Skutki nadmiernego importu miażdżących energetycznych rynek odczuwa do dziś, w przypadku LPG scenariusz może się powtórzyć Fot. Shutterstock. Polska Izba Gr (PIGSW) wskazuje, że nadchodzi embargo na ...



Interia Motoryzacja

Koniec LPG z Rosji. Czy jesteśmy na to gotowi? - Motoryzacja w INTERIA.PL

20 godzin temu



Polska niegotowa na blokadę rosyjskiego LPG. Luka wyniesie do 700 tys. ton

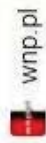
W grudniu zaczęła obowiązywać sankcje na rosyjskie LPG. Przy obecnej infrastrukturze luka LPG — czyli tyle, o ile mniej gazu płynnego trafi do Polski...

2 tygodnie temu



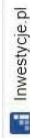
Nadchodzi rewolucja na rynku LPG. Najwięksi się zbroją, mniejsi mają kłopot

Najwięksi gracze na rynku LPG inwestują i szykują się do embarga na rosyjski gaz płynny. Mniejszym trudno przestawić kierunki importu na Zachód.



Nadchodzi rewolucja na rynku LPG. Najwięksi się zbroją, mniejsi mają kłopot

dzien temu



Po wejściu w życie sankcji na LPG z Rosji luka na rynku sięgnie 500-700 tys. ton — Inwestycje.pl

Po wejściu w życie sankcji na LPG z Rosji (co nastąpi 20 grudnia br.), przy obecnej infrastrukturze luka LPG — czyli tyle, o ile mniej gazu płynnego trafi...

2 tygodnie temu



Za pół roku koniec z tanim importem LPG z Rosji. Czy ceny autogazu wzrosną? - parkiet.com

Od 20 grudnia ma zacząć obowiązywać unijne embargo na import LPG z Rosji. Krajem Wspólnoty, który szczególnie może na tym ucierpieć, jest Polska.

tydzień temu





GDYNIA LPG MARINE TERMINAL

BRUSSELS, 2025

ALPETROL Ltd



ALPETROL is a Polish company 100% owned by Onico SA, a company listed on the NewConnect alternative market of the Warsaw Stock Exchange.

Since 2015, as the ALPETROL, we have also been involved in international trade in LPG

We cooperate with Polish and international companies, in particular distributors, wholesalers and industrial customers

We deliver LPG by road and rail, from our terminals in Gdynia and Planta



LOCATION

⚠ The Port of Gdansk and the Port of Gdynia.
The biggest logistic hub on Central Europe

⚠ Expressways and Highways: good connection between Southern/Nothern and Eastern/Western Europe

⚠ Lech Walesa Airport - domestic and international connections

⚠ Tri-City Gdańsk, Gdynia, Sopot population about 750 thousand inhabitants. Gdańsk is the largest of the three cities, with a population of about 500 thousand.

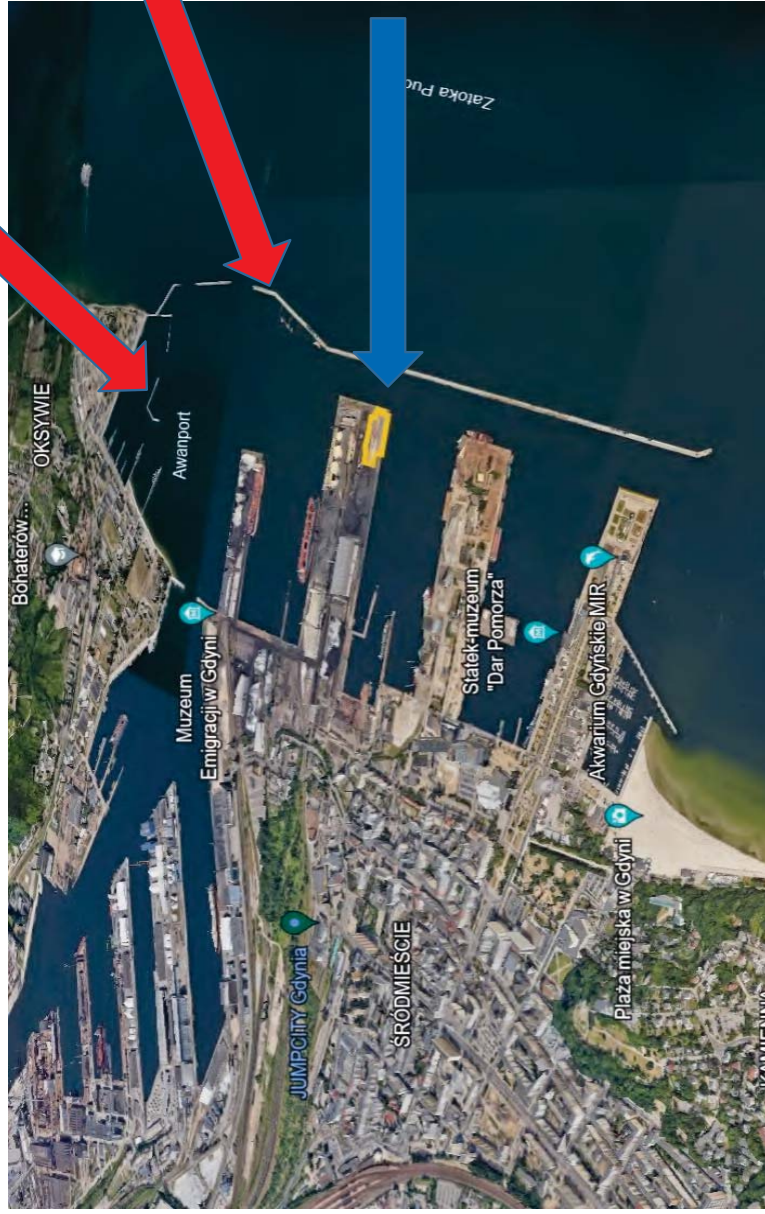
⚠ Cultural and educational centres – theatres, museums, universities, the University of Gdańsk, the Gdańsk University of Technology and the Maritime

University of Gdynia.





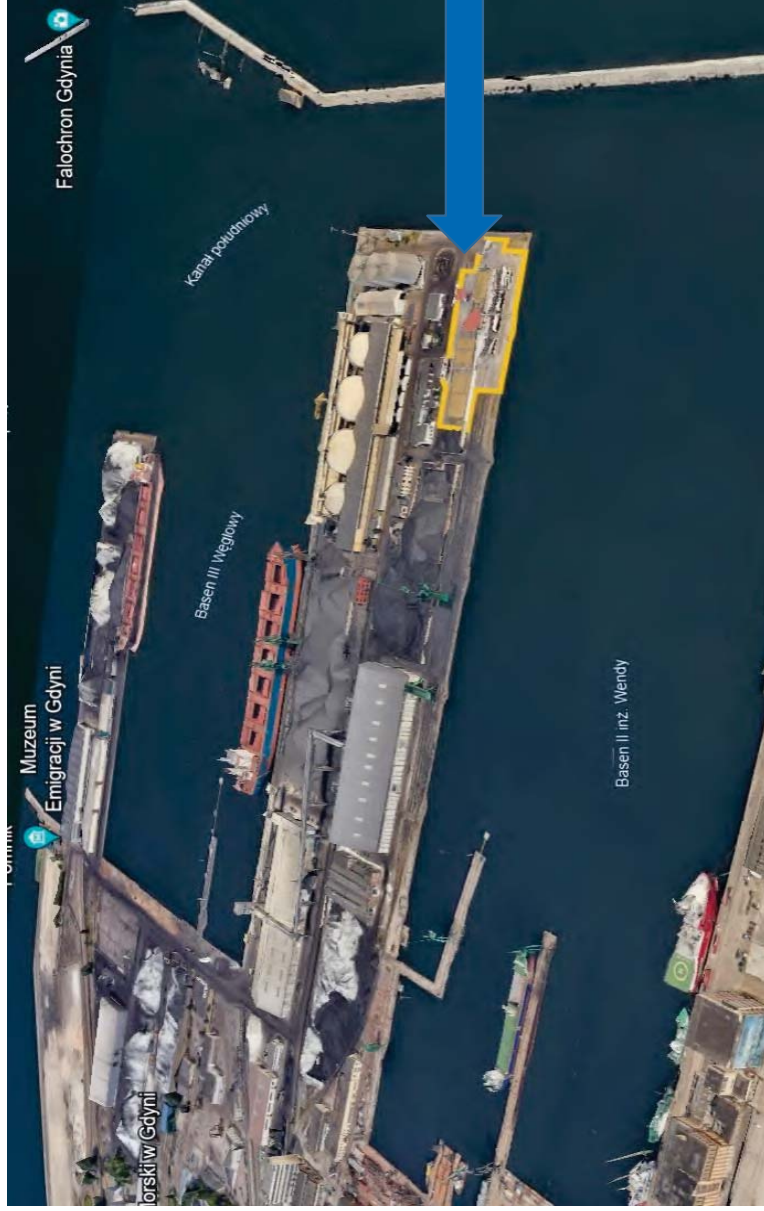
Bird's – eye view



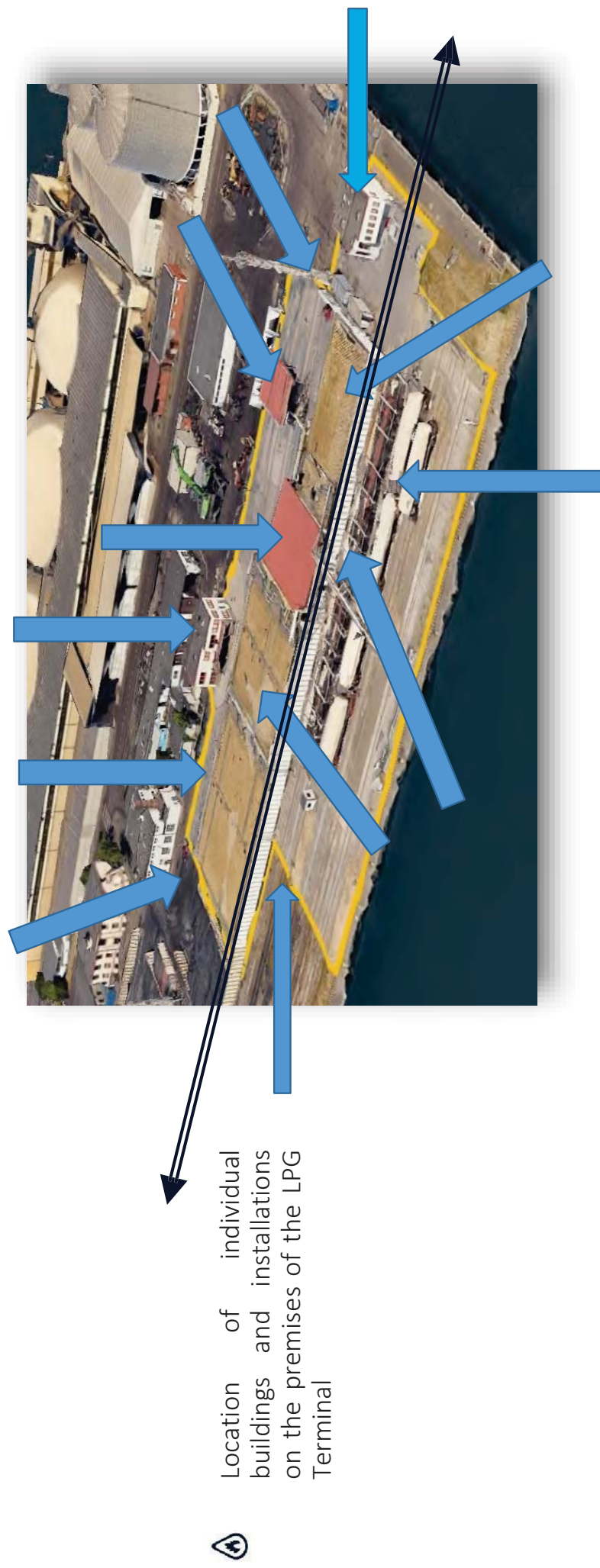
LOCATION



Bird's – eye view: in zoom



OPTIMAL LAYOUT OF THE INFRASTRUCTURE



Location of individual buildings and installations on the premises of the LPG Terminal

INFRASTRUCTURE

- ⚠ 12 tanks with a total capacity 1500 tons
- ⚠ Rail tanker reloading stations – two stations equipped with 4 rail tanker connections plus additional 12 parking spaces for RTC's
- ⚠ Road tanker reloading stations - allowing to load 50 road bulk tankers per day
- ⚠ Two weightbridges



AUTOMATED STEERING SYSTEM

⚠ A system that ensures effective and safe management of industrial processes

⚠ Process Control and Monitoring

⚠ Fully automatic steering and controlling system

⚠ Sensors and Transducers Control and Regulation

⚠ Algorithms User Interfaces and HMI (Human-Machine Interface)

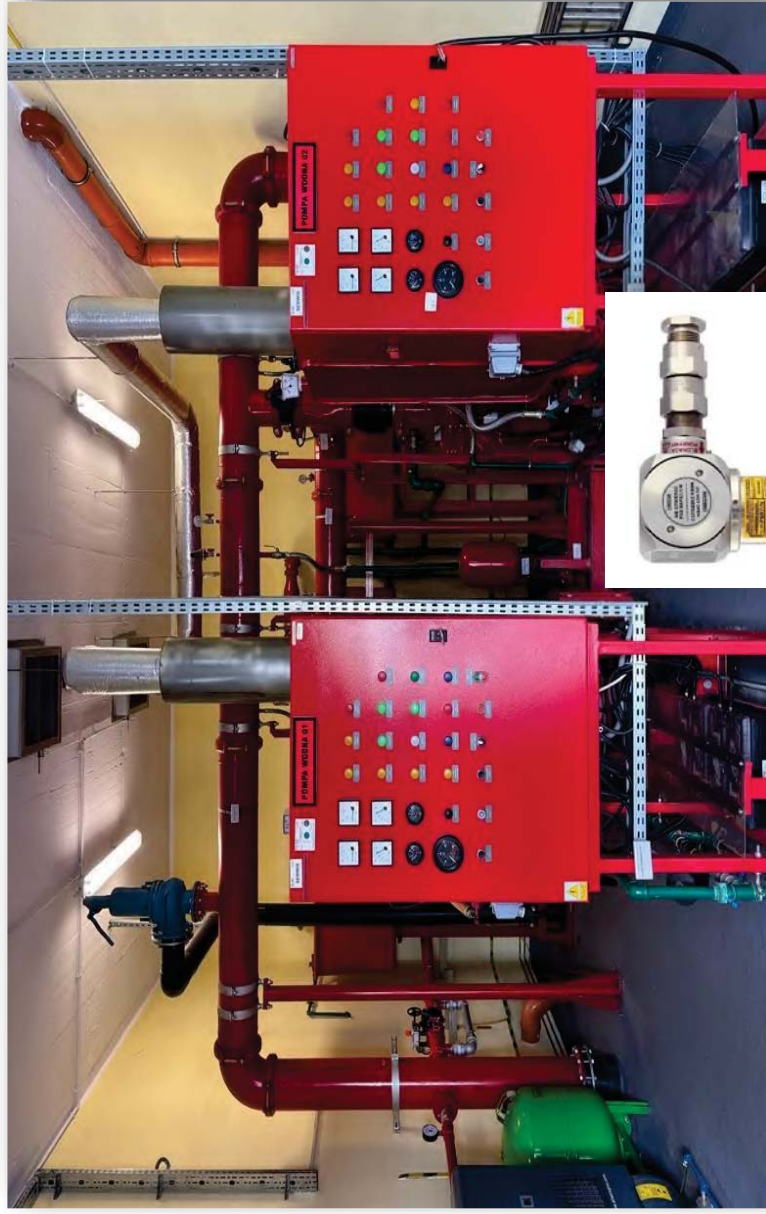


SAFETY FEATURES

⚠ Sensors (temperature, pressure, level, flow, etc.) and transducers, which convert signals that control systems can understand

⚠ Accurate monitoring of process parameters and provision of data to control systems

⚠ Key algorithms for maintaining stability and optimizing processes (MPC - Model Predictive Control) Interfaces that allow interaction with the automation system, monitoring its status and making manual changes if necessary



REGULAR TRAINING AND WORKSHOPS

Fire protection

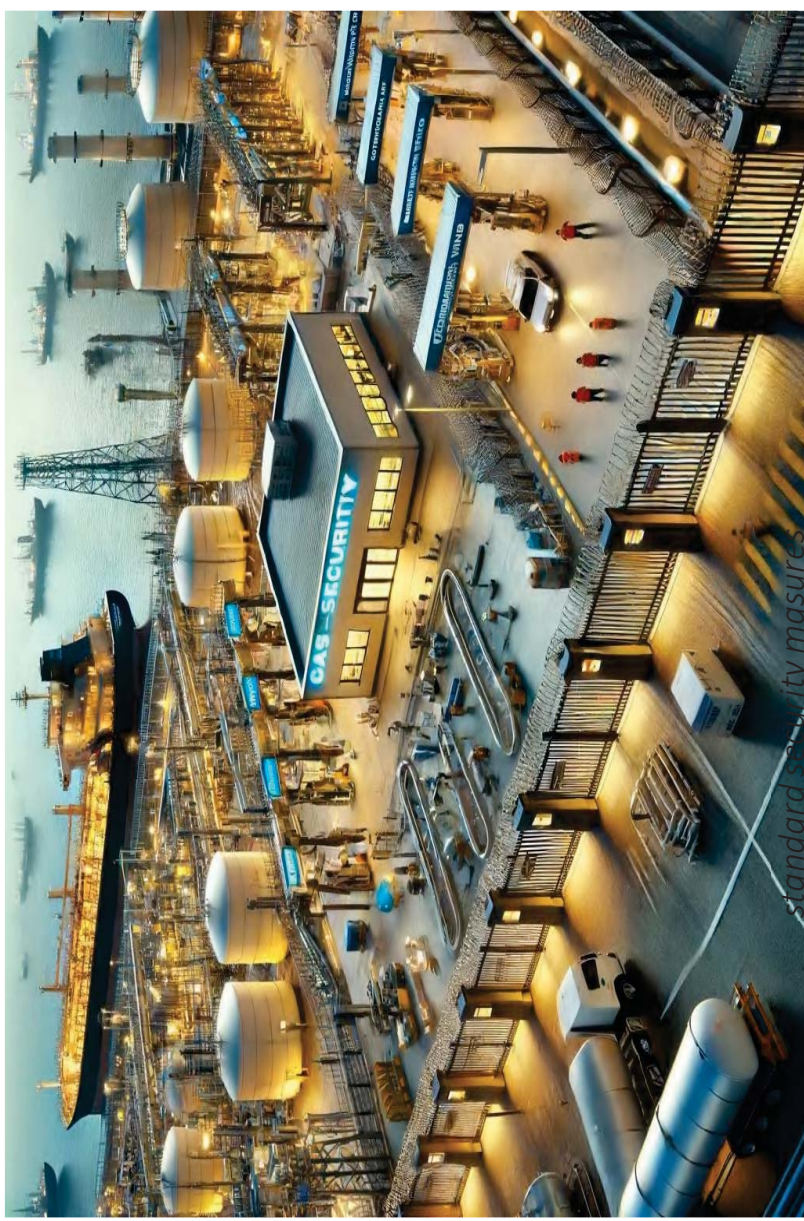
- 🔥 fire extinguishing systems
- 🔥 sprinklers, foam and powder sprinklers
- 🔥 Fire extinguishing systems
- 🔥 specialized rescue units ready for immediate intervention



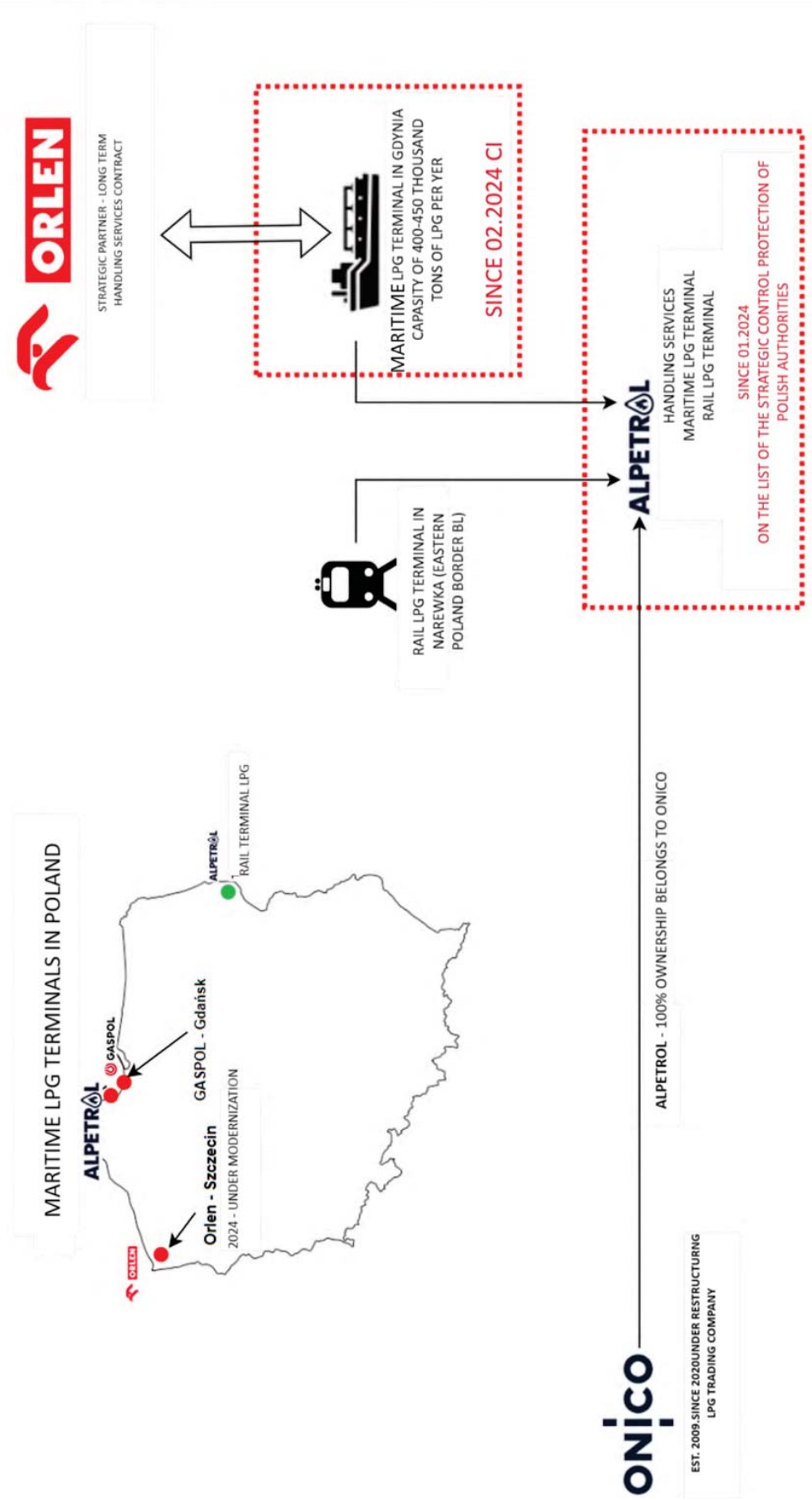
PHYSICAL SECURITY POINTS

Physical security measures:

- 🚧 fence
- 🚧 gates
- 🚧 prevent unauthorized access and sabotage of the fence
- 🚧 access control systems
- 🚧 video surveillance (CCTV)
- 🚧 security patrols



ROLE IN THE SUPPLY CHAIN



EU Protective Security Advisory Mission



EU Protective Security Advisory Mission

Early 2024, the application to the Directorate-General for Migration and Home Affairs of the European Commission to carry out a reference visit and security advice by specially dedicated advisors – EU Protective Security Advisors (EU PSA).

March 2024 - letter to Director General European Commission Directorate-General for Migration and Home Affairs



Warsaw, 18 March 2024

Mrs. Monique Parlat
Director General
European Commission
Directorate-General for Migration and Home Affairs

Dear Madam,

We are one of the most important participants in the domestic LPG market, operating in the field of trade and logistics of LPG. In October 2015, as Alpetrol Ltd, we became the owner of an LPG marine terminal located in the Sea Port of Gdynia, through which we provide LPG reloading services. Currently, the terminal has a technical transshipment capacity of 400,000 tons of liquid gas per year, which is 15% of all imports of this fuel to Poland (according to data for 2023). As a responsible company, we make every effort to improve our safety and security procedures. In connection with the above and taking into account the professionalism and recognition that the missions carried out as part of the PSA initiative established within the Policy Group on Public Space Protection, established under the patronage of DG Home of the European Commission, have gained in the EU and the USA, we would like to invite PSA experts to visit our LPG Terminal in Port of Gdynia. A PSA visit could take place in June 2024, aimed at examining the vulnerabilities of our system and identifying areas requiring improvement.

We are counting on PSA's support in building the resistance of our modern LPG Terminal at the Port of Gdynia to terrorist incidents, sabotage and new threats related to, among others, using unmanned aerial vehicles (UAVs or UAV). We would like our LPG Terminal, one of the few private infrastructure facilities of strategic importance, to become a national leader in this area, setting anti-terrorist standards and compliant with the CER Directive for other facilities of this type in the CEE region in line with the idea of the EU Action Plan supporting the protection of public space.

In the event of a positive response from DG Home to our actions in the above matter, we appoint Mr. Marcin Cabak as the security director of Alpetrol Ltd (e-mail: marcin.cabak@alpetrol.pl, tel. +48 603 502 836 for the position; further working contacts on behalf of Alpetrol Ltd.

Yours faithfully,


CEO
Sławomir Szczotka

Alpetrol Ltd based at 3 Flory Street 3 Ap. 2, 00-546 Warsaw. Entered into the company's register kept by the District Court for the Capital City of Warsaw, 1315 Commercial Division of the National Court Register KRS: 0000487984, VAT: 547248043 with a fully paid-up share capital of PLN 2,000,000.

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EU Protective Security Advisory Mission

After the necessary formal and logistical arrangements, the PSA audit at the Maritime LPG Terminal in Gdynia took place on June 19, 2024.

Main goal

Examining the vulnerabilities of our security system and identifying areas requiring improvement.



EU Protective Security Advisory Mission

We would like to our LPG Terminal in Gdynia, one of the few private infrastructure facilities of strategic importance, become a national leader in this area, setting anti-terrorist standards and compliant with the CER Directive for other facilities of this type in the CEE region in line with the idea of the EU Action Plan supporting the protection of public space.



EU Protective Security Advisory Mission



During the audit, the PSA specialist also used a drone to assess the situation from the air.



EU Protective Security Advisory Mission

The PSA audit was conducted under normal terminal operating conditions (!)



LPG was being reloaded onto rail tankers and tank trucks.



EU Protective Security Advisory Mission - summary

Ref. Ares(2024)980138 - 11/11/2024



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR MIGRATION AND HOME AFFAIRS
Directorate D - Internal Security
Unit D.2 - Counter-Terrorism

Brussels
HOMED.2WW

ALPETROL Sp. z o.o.	
Nr ALPETROL	12-31.12.2024
Wyplyty	22.11.2024
Uzbro	22
Zalacznikow	1 Stron zal.
Strona pierwsza strony	

Mr Marcin Cabak
Alpetrol Sp. z o.o.
Flory 3/2
00-586 Warszawa
Poland

Subject: EU Protective Security Advisory Mission Report to the Alpetrol LPG
Terminal, Gdynia, Poland

Dear Mr Cabak,



Martin SCHIEFFER
Head of Unit

c.c.: Wiktor Wojtas, Rad Olszewski, Beate Zapletal

Commission européenne/Europese Commissie, 1049 Brussels/Brussel, BELGIQUE/BEELGIË - Tel. +32 22991111
Office: LX46 03/984 - Tel. direct line +32 229-55809
Wiktor.Wojtas@ec.europa.eu

Electronically signed on 10/11/2024 23:27 (UTC+01) in accordance with Article 11 of Commission Decision (EU) 2021/2121

**REPORT OF THE EU PROTECTIVE SECURITY ADVISORY MISSION
IN SUPPORT OF ALPETROL, THE OPERATOR OF MARITIME LPG
TERMINAL. GDYNIA, POLAND
CARRIED OUT 19 JUNE 2024
EU PSA Mission report number: 09/2024/PL**

November 2024 - Report

!!!

RESTREINT UE/EU RESTRICTED



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR MIGRATION AND HOME AFFAIRS
Directorate D: Internal Security
Unit D.2 : Counter-Terrorism

Zalacznik nr	1	21	do dokumentu
Nr	12345	1-1	z dnia 27.11.2024



EU Protective Security Advisory Mission - summary

Most important areas of PSA audit:

1. Entity's cooperation with the authorities
2. Entity's threat perception
3. Security culture and awareness
4. Physical protection and physical security



EU Protective Security Advisory Mission - summary

How to enhance critical infrastructure resilience?

- change the route of the sightseeing and private vessels ("e.g. Pirate ships")
- staff training, building security awareness, code of conduct procedures
- address the existing vulnerabilities and improve the security procedure around the entire area of the port of Gdynia
- set-up an UAV alert system that would allow Air Traffic Control to inform the critical entities about UAV incidents related to the facilities
- upgrades to the fence such as barbed-wire or additional protection from the sea side



EU Protective Security Advisory Mission - summary

How to enhance critical infrastructure resilience? - continuation

- obligation to wear the identification badges in a visible manner
- obligation to wear reflective vests in the operational part of the terminal
- introduce regular security checks - including the use of e-ray - of people entering the premises
- increasing the number of security Staff
- introduce strict access control to the switchboard rooms with electricity and fire pumps



EU Protective Security Advisory Mission - summary

What has changed after the EU PSA mission?

- The port authority has changed the procedures for entering the pier by implementing extensive procedures and advanced technical security measures
- The fence around the terminal was sealed and signs prohibiting photography and filming of the facility were posted
- The fence was expanded by installing barbed wire
- Personnel security procedures have been redesigned
- A completely new plan for the protection of the facility has been developed and is currently in the process of being agreed with the state authorities.



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Onico S.A.



ALPETROL'S INFRASTRUCTURE SECURITY OF LPG SUPPLY

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Director of Security Department

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Brussels 2025