



Gdańskie
Autobusy
i Tramwaje

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HYPERION

Hydrogen buses

Gdańsk Buses and Trams Ltd.

Gdańsk Buses and Trams in numbers

- 127 km length of a single track
- 172 km of tram lines



- 489 km of bus routes
- 1,140 km of bus lines

Gdańsk Buses and Trams in numbers



Every year, Gdańsk trams cover 15.1 million vehicle kilometres and buses cover 15.9 million vehicle kilometres.

GAiT bus fleet

Electric buses have been in operation in Gdańsk since 2021, while **hydrogen buses have been in operation** since mid-2021.

2024. In autumn 2026, 30 new Solaris Bus & Coach electric buses will join the GAiT fleet.

- combustion engine buses

226

- electric buses

21

- hydrogen buses

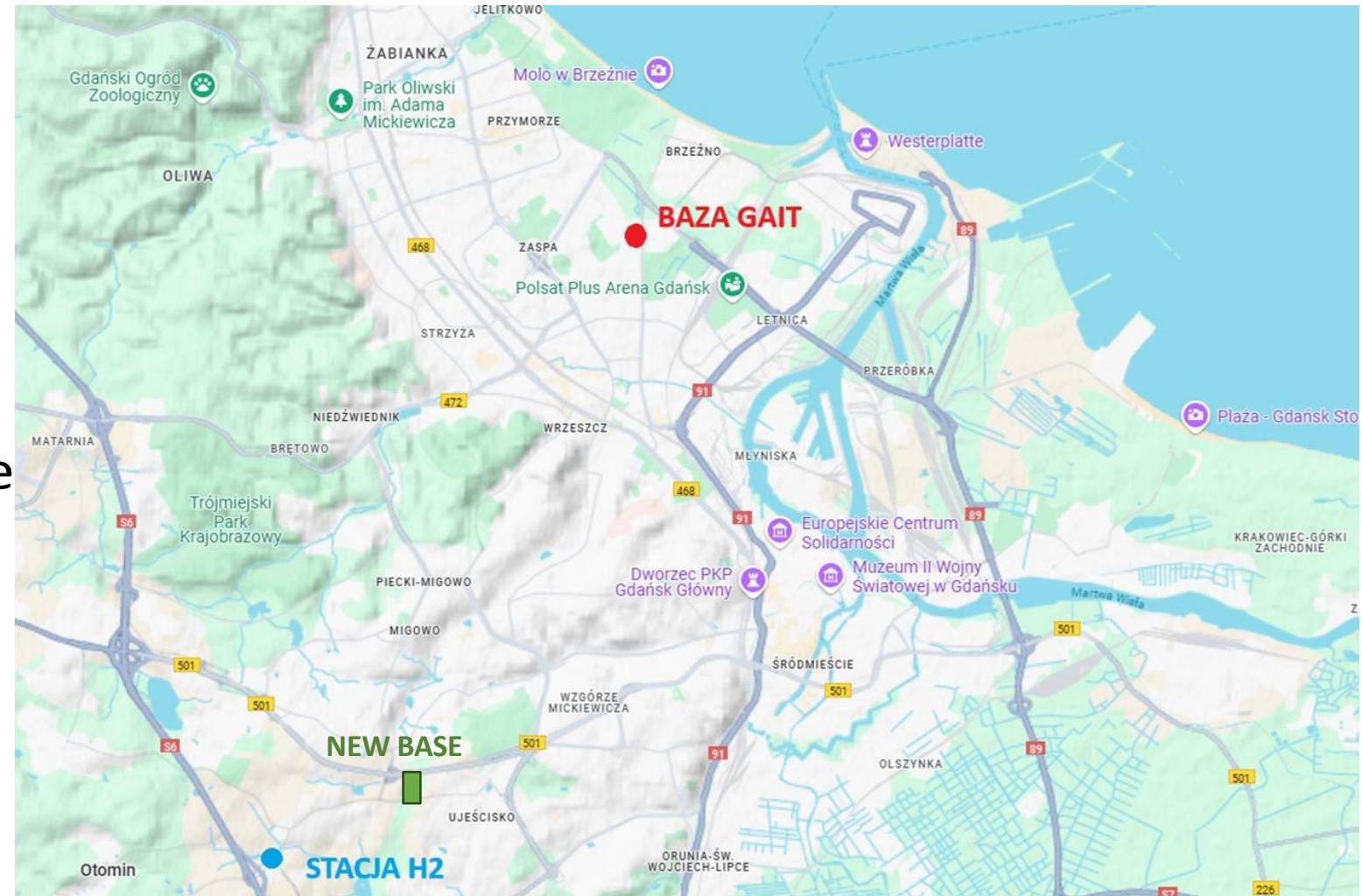
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Logistics

GAiT base –
NESO
approx. 12 km

New GAiT-NESO base
approx. 2 km



Green hydrogen refuelling

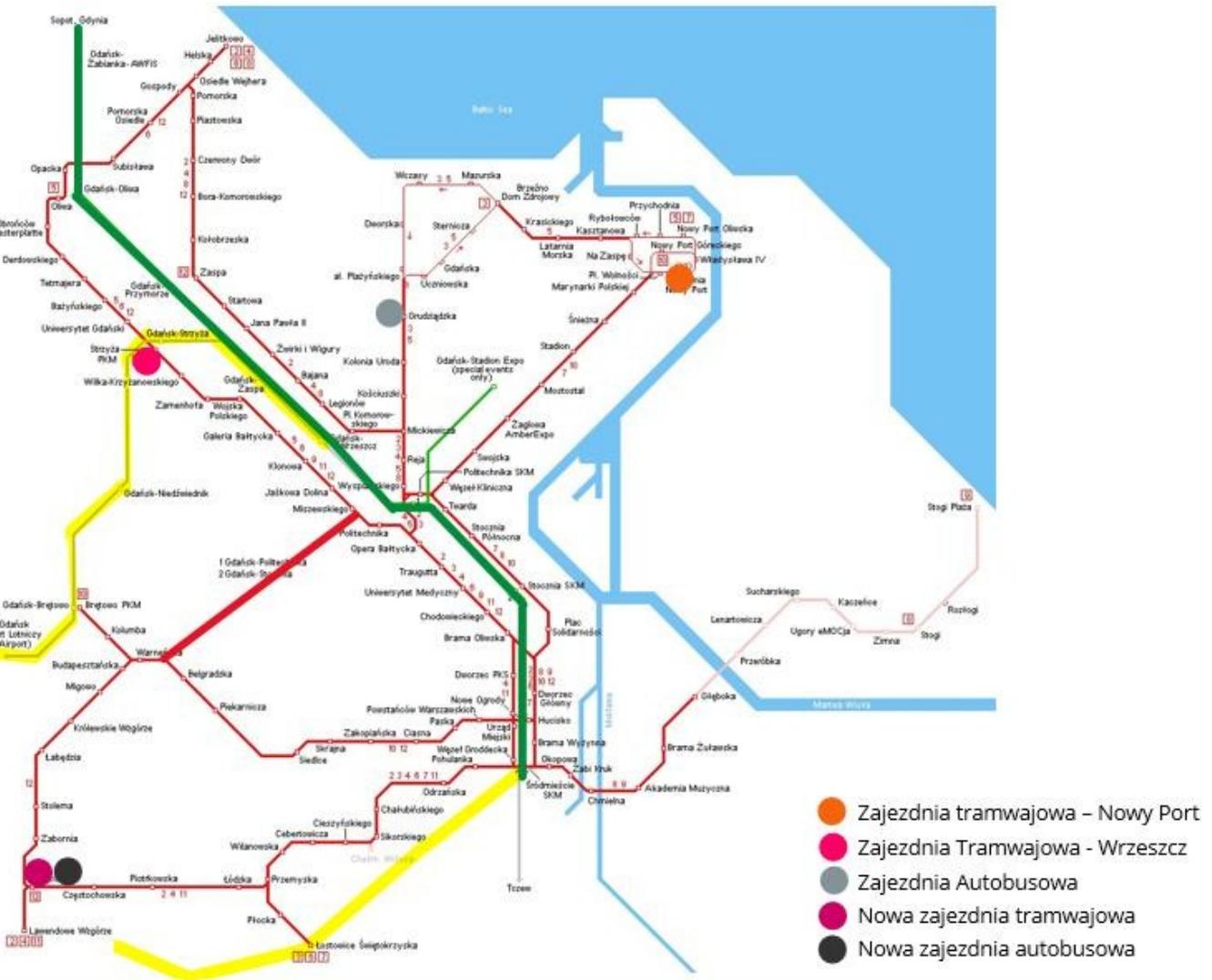
The hydrogen refuelling station is located on Jabłoniowa Street, near the Tri-City ring road. It is the first station of its kind in Gdańsk and the Tri-City. The station is open to the public. Not only Gdańsk buses can refuel there, but also hydrogen-powered cars.

Refuelling a bus takes about 15 minutes.

24 March 2024 – presentation of a hydrogen refuelling station.
Soon to be sporting the colours of Gdańsk – this slogan accompanied the NesoBus hydrogen bus



GAiT depots by 2032



A complex of new depots is being built on Warszawska Street

The bus depot will be adapted to service electric and hydrogen buses – planned commissioning date – 2032



Zero emissions and long range

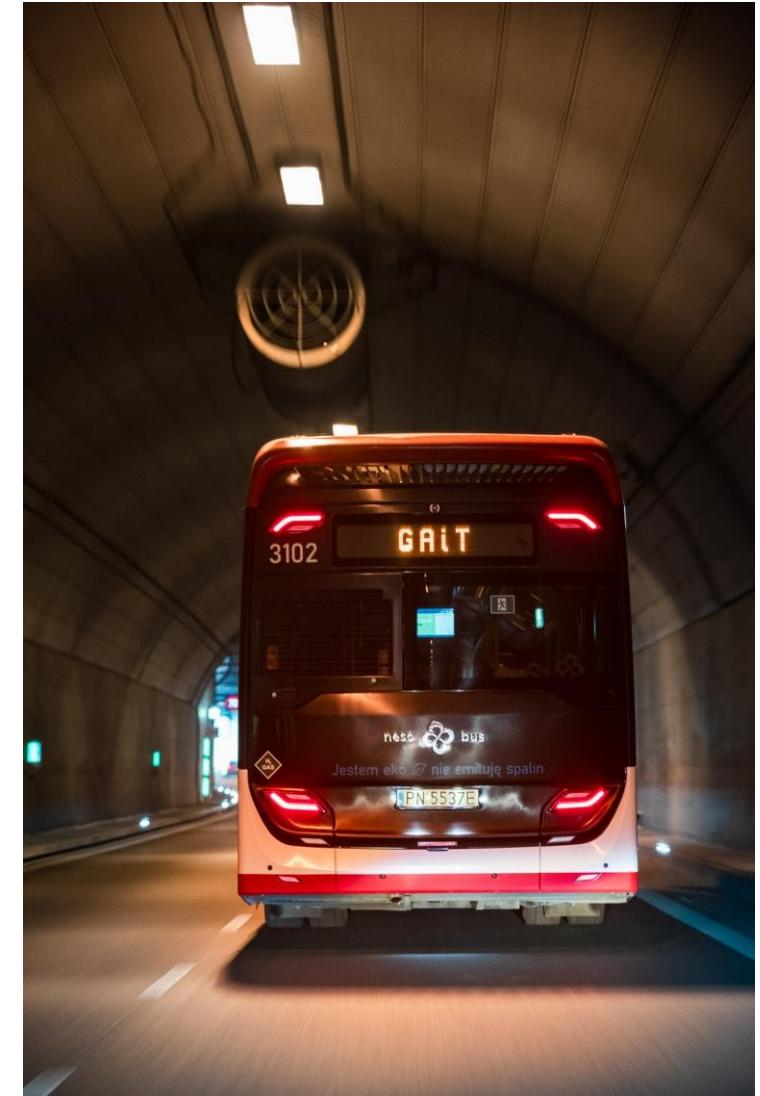
NesoBus buses are fully zero-emission vehicles manufactured in Poland vehicles.

Powered by green hydrogen, they are the most environmentally friendly buses for city residents and public transport. Green hydrogen is obtained using electricity from renewable sources.

The required guaranteed range of a NesoBus is **330 km** on a single tank.

The average length of a full day's work in Gdańsk is around **250 km**, so hydrogen buses can be found throughout the city.

An unquestionable advantage of these vehicles is not only their long range, which allows them to perform 24-hour transport tasks, but also short refuelling time, comparable to that of diesel buses



Readiness indicators and rate per vehicle-kilometre

In accordance with the lease agreement, GAiT guarantees the Contractor an average of **70,000** vehicle-kilometres per year for 1 vehicle.

- The rate per vehicle kilometre is **PLN 19.90 net**
- daily operational readiness is set at **0.75**

Third party liability insurance – provided by GAiT
Comprehensive insurance – provided by NesoBus



Hydrogen bus operational readiness indicator

Information on the number of hydrogen buses available via NesoBus is provided is provided one day before planning tasks on bus routes.

Example of daily operational readiness

vehicle number	departure from base	return to base
3101	04:18	19:33
3102	05:19	20:06
3103	05:37	19:50
3104	05:39	21:01
3106	04:35	21:36
3108	04:21	21:17
3109	04:49	20:45

Bus vehicle-kilometre performance indicator on working days – year 2025

Month	Average mileage of diesel-powered buses [1]	Average mileage of electric buses electric bus [2]	Average mileage of a hydrogen fuel cell bus Hydrogen bus [3]	Performance indicator ([3]/[2])*100%
January	228.28	201.99	220.16	88.48
February	228.68	208.3	206.13	91.08
March	231.48	216.13	202.32	93.37%
April	232.04	220.06	206.58	94.84%
May	234.01	230.67	229.51	98.58%
June	234.11	227.17	216.8	97.04%
July	232.64	233.48	229.96	100.36%
August	235.77	218.92	223.51	92.85%
September	234.21	234.98	231.92	100.33%
October	235.97	230.88	234.3	97.84%
November	235.79	227.28	234.01	96.39%
December	232.25	225.97	235.77	97.30%
YEAR 2025	232.94	222.99	221.38	95.71%

Full-service lease

The hydrogen vehicles will be used by GAiT for a period of 10 years under a long-term lease agreement with full service. The buses, refuelled with green hydrogen and ready to drive, are delivered daily to the GAiT bus depot and collected by the contractor at the end of the working day.

The lease agreement covers full vehicle servicing.

The contractor is obliged to maintain the vehicles throughout the entire lease period.



Full-service leasing

The service provided under the lease agreement includes, among other things:

- technical service (daily and periodic inspections),
- operational repairs including parts, repairs of components that have failed during bus operation,
- post-accident repairs after accidents, or resulting from a consequence of vandalism, and activities related to updating or changing software, as well as cleaning and washing vehicles.



Comfortable and safe

In accordance with the standards applicable in Gdańsk public transport, the new vehicles are adapted to the needs of people with disabilities and people travelling with prams.

The vehicles are equipped with monitoring and air conditioning systems.

USB ports have also been installed on the buses and automated external defibrillators

.

The vehicles are also equipped with a passenger counting system





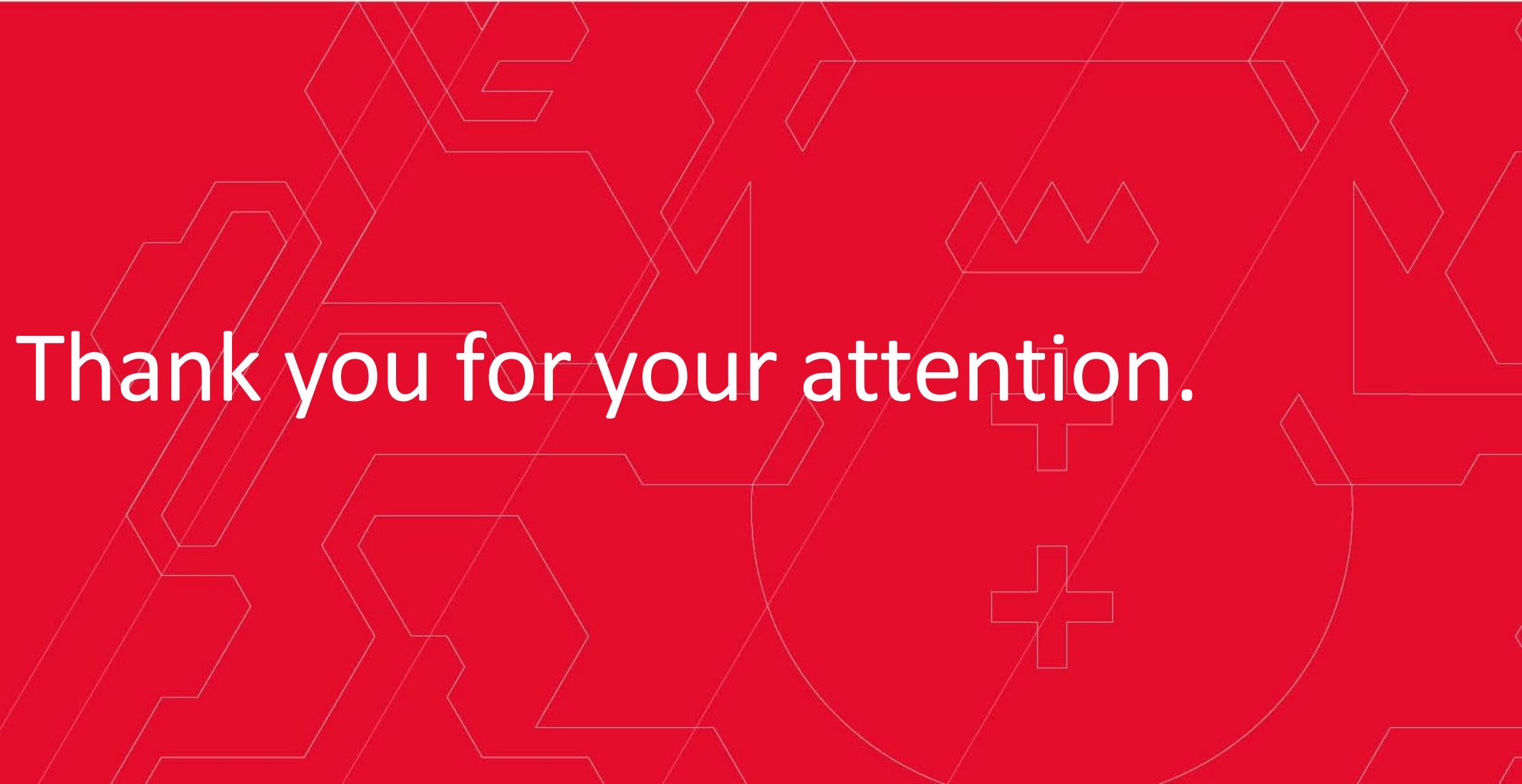
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Thank you for your attention.