



Breakfast Briefing

Launching hydrogen refueling infrastructure for heavy-duty vehicles – Lithuania's first steps

Online | 01 October 2025

Ministry of Transport and Communications of the Republic of Lithuania

Andrius Ruzinskas (speaker)

Jurgita Rimkuvienė

Vaida Kazlauskienė

Jurate Ona Krupaviciute

interreg-baltic.eu/project/HyTruck



Regional HRS Spatial Development Concept: Kaunas and Panevėžys regions

Current status

🚫 0 operating HRS

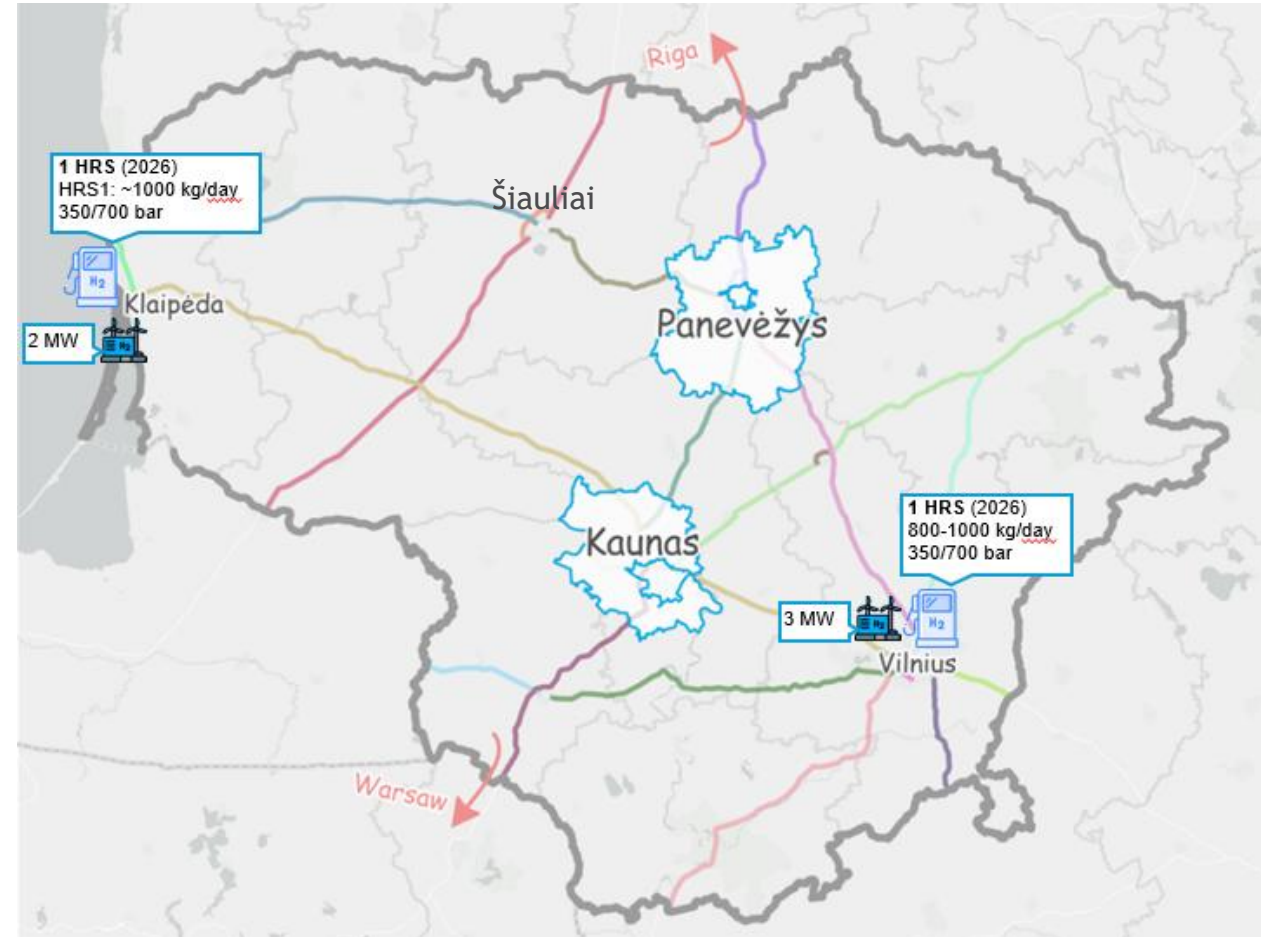
2 registered FCEVs



5-8 HRS needed for AFIR compliance by 2030



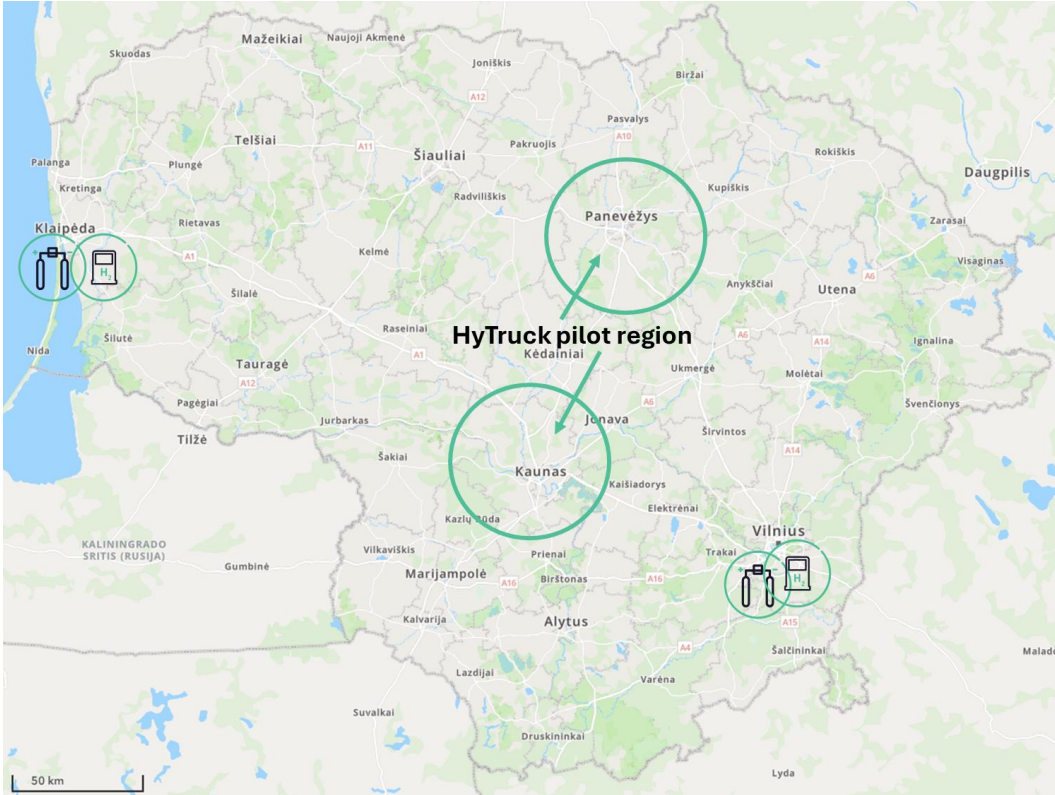
First 2 HRS in 2026 (EU co-financed)



Regional HRS Spatial Development Concept: Kaunas and Panevezys regions

Potential of the regions

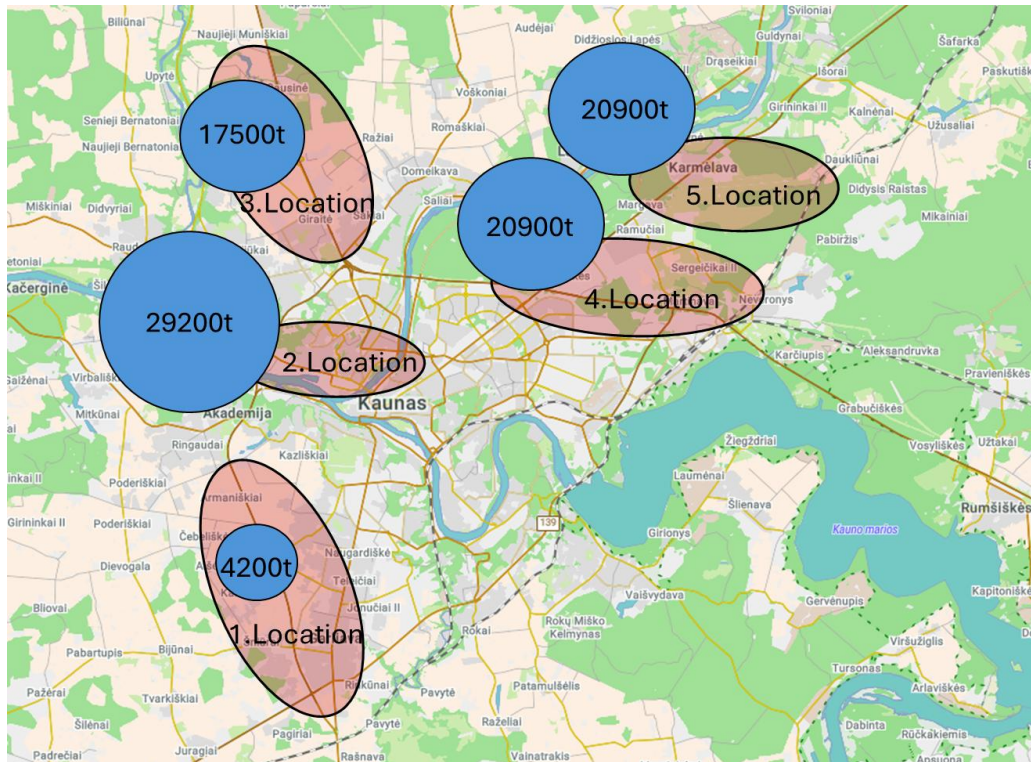
	Kaunas region	Panevezys region
Area, km2	1653	2229
Inhabitants	412 000	128 000
TEN-T core roads	E85, E67	E67
Urban node	Yes	Yes
HDVs traffic flow	~7000	~3500
Vehicles (2024):		
- Buses	1407	295
- Trucks	17 531	3585
Potential H2 consumption by 2025, t	108 930	21 210



Regional HRS Spatial Development Concept: Kaunas and Panevezys regions

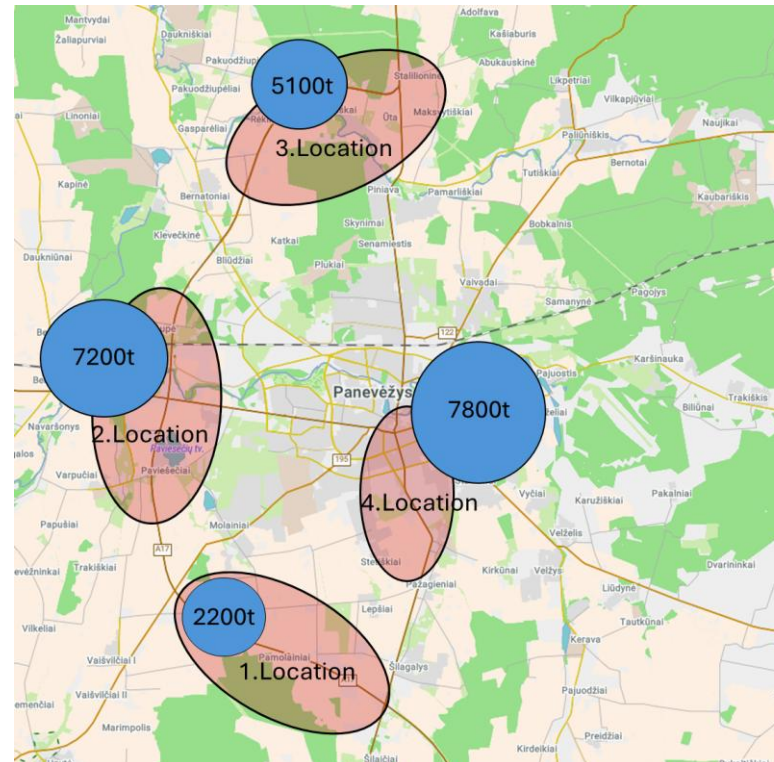
HRS Location Assessment

Kaunas region

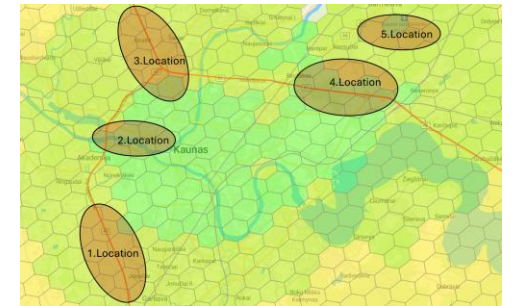


Best location identified: #2 in each region

Panevezys region



Spatial Toolkit



Selection criteria:

- 10 km allong TEN-T core network
- Concentration of existing fuel stations
- Locations of 25 largest HDV owners in the region (potential H2 consumption)
- Available grid power

Regional HRS Spatial Development Concept: Kaunas and Panevezys regions

Involvement of Stakeholders

Science and research	Public sector	Non- governmental organizations	Businesses
Lithuanian energy institute	Ministry of environment of the Republic of Lithuania	Lithuanian hydrogen association	Ambergrid
Research council of Lithuania	Ministry of energy of the Republic of Lithuania	Lithuanian logistics association	Orlen
Vilnius Gediminas Technical University	Kaunas city municipal administration	Lithuanian national road carriers' association LINAVA	Achema
	Kaunas district municipal administration	Lithuanian national association of forwarders and logistics	Linde Gas
	Panevėžys city municipal administration		Green Genius
	Panevėžys district municipal administration		Ignitis
	Lithuanian energy agency		KN Energies
			SG Dujos
			Dogaras
			Telepartner
			Vilnius district heat company
			Lucidus Techno

 2 Stakeholder meetings (June & October)

 Overall feedback: Neutral

 Concerns: limited HRS users, insufficient green H2

 Proposals: Retrofit vehicles for H2 use

Regional HRS Spatial Development Concept: Kaunas and Panevezys regions

Recommendations & Next Steps

-  Update policy framework (construction, operational, safety)
-  Search for new funding sources for HRS and FCEVs
-  Continued collaboration with stakeholders and municipalities
-  Continued collaboration at the project level through the signing of the MoU

Interreg
Baltic Sea Region



Co-funded by
the European Union



SMART GREEN MOBILITY

HyTruck

Thank you for listening!

More info: <https://interreg-baltic.eu/project/hytruck/>

The project HyTruck is supported from the Interreg Baltic Sea Region Programme 2023-2025

