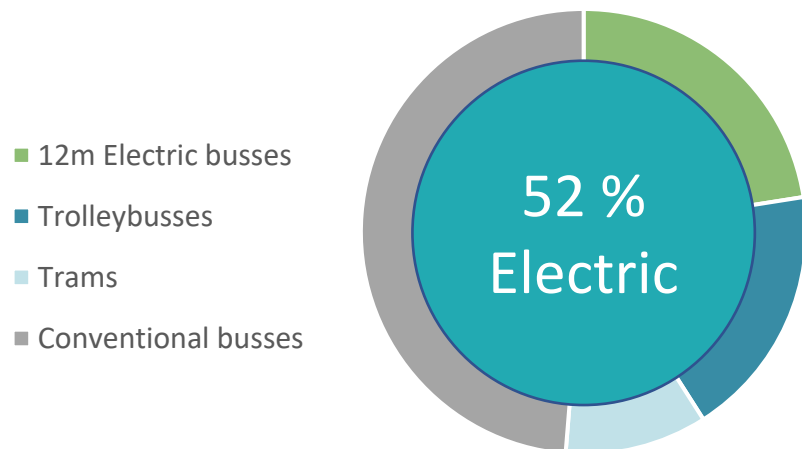


CLUJ-NAPOCA PUBLIC TRANSPORT FLEET OVERVIEW

Main initiatives towards a sustainable public transport fleet

- ✓ Acquisition of 40 electric 18m electric busses, expanding the current fleet of electric vehicles (61 – 12m electric busses)
- ✓ Acquisition of 25 Fuel Cell electric busses with an integrated hydrogen production facility
- ✓ Implementation of 2 Fuel Cell trains on the Metropolitan train infrastructure
- ✓ Acquisition and implementation of up to 14 electric autonomous vehicles

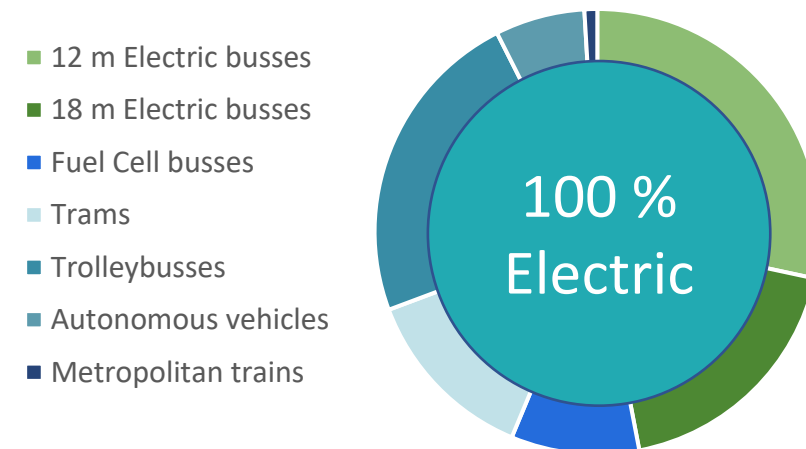
Current Cluj-Napoca public transport fleet



The goal of the Municipality is to reach **100% electric public transport by 2026**



Envisioned 2026 Cluj-Napoca public transport fleet



HYDROGEN PRODUCTION, STORAGE & DISTRIBUTION FACILITY

Project Scope:

➤ Green Hydrogen Production Plant:

- Capacity: 1000 kg H₂/day
- Type: PEM 2.5 MW
- Processes: Production, compression, storage, refueling

➤ Initial Focus (2026):

- 25 Hydrogen Buses (500 kg H₂/day dedicated production)
- Passenger Cars (700 bar refueling station)
- District Heating (surplus hydrogen utilization)

➤ Future Expansion (2027):

- 4 Hydrogen Trains (447 kg H₂/day) on a 43 km metropolitan route
- Additional Capacity for Personal Vehicles (44 kg H₂/day) and District Heating (100 kg H₂/day)



CURRENT STAGE: PERMITTING

- Urbanism certificate
- Land registry extract
- Security and fire risk assessment
- Environmental permit
- Water management authorization
- Electrical Grid Connectivity
- Topographic study and geotechnical study
- Health impact study
- National railway authority
- Ministry of Transport

