

ADVANTAGES OF HYDROGEN BUSES

- 1** No greenhouse gas emissions
- 2** No overload of the local electrical grid
- 3** Long range and no need for multiple fuel stations on the route
- 4** No need for an additional ICE to heat the passenger compartment
- 5** Service life of a hydrogen bus is twice that of conventional ICE and electric buses

HYDROGEN BUS



ready for operation

24/7

range

≈500 km

time of complete refuelling

25 kg of H₂ in 10 min

pressure

350-700 bar

HYDROGEN REFUELING STATION



INTEGRATED APPROACH TO TRANSPORT SOLUTIONS

DEVELOPMENT MASTER PLAN

Integration of hydrogen transport and refuelling stations into urban development programmes

HYDROGEN

Production, delivery, storage and distribution of hydrogen

HYDROGEN REFUELING STATION

Funding, construction, ownership and operation of hydrogen refuelling stations

HYDROGEN BUSES

Production of components (cylinders, traction batteries, power modules) for hydrogen buses

**Hydrogen energy development roadmap in Russia
Plans until 2030***

1000 hydrogen refueling stations

10% share of hydrogen buses in the total Russian bus fleet

* Approved by the Russian Government Decree No. 2162-r of August 5, 2021

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