



## PRESS RELEASE

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# Hydrogen buses are a next step of Moscow surface transport development.

The hydrogen bus is one of the most modern types of urban surface transport along with electric buses, which have already proven themselves on the roads of Moscow.

The sample of the hydrogen bus will be developed for testing in Moscow by September 2022. The next stage is the creation of the production of buses on hydrogen fuel.

Maksim Liksutov, Deputy Mayor of Moscow for Transport, General Director of KAMAZ Sergey Kogogin and Chairman of the Management Board of RUSNANO Management Company Sergey Kulikov signed the agreement on this at the Moscow Urban Forum. Thus, an innovative center for the production of hydrogen buses will be created on the basis of SVARZ plant in 2023.

The use of hydrogen transport will reduce CO2 emissions by more than 10 times. Refueling urban transport with hydrogen is convenient and economical – you need to replenish the fuel supply only once a day.

When using hydrogen fuel, only water vapor and heat are released. In winter they can be used to heat the bus cabin – it is convenient and safe, with zero emissions.

The next step in the development of energy-efficient and environmentally friendly transport will be the use of hydrogen fuel to generate electricity directly on the bus itself. So the main fuel will be hydrogen, and there is no need for charging stations.

"Improving the environment is one of our most important priorities in Moscow. We continue to adapt public transport in accordance with the "green" agenda. It is important for us to create a modern, convenient, environmentally friendly transport in Russia. Today we are working on the creation of a hydrogen bus – the most modern urban surface transport in the world. It will be developed on the basis of SVARZ plant for the production of electric buses. This will be a Russian development for Moscow and the residents of the city. New hydrogen buses will become the most environmentally friendly, innovative and safe transport for passengers of our city" - Maksim Liksutov, Deputy Mayor of Moscow for Transport.

In order to launch a full-fledged hydrogen transport, it will be necessary to create a charging infrastructure that meets the requirements of Rostekhnadzor. However, we expect to see the first samples of hydrogen buses made in Moscow in 2022-2023 already.

### **About Mosgortrans:**

Today Mosgortrans maintains 800 surface transport routes. These are daily used by over 5.5 million passengers.

There are 6.5 thousand buses, trams, trolleybuses and e-buses departing on a daily basis.

Mosgortrans fleet is getting constantly renewed: an up-to-date rolling stock is acquired being adjusted to the low-mobility groups of people. New transport vehicles have a lower floor and are equipped with systems of climate control, video surveillance and navigation.

The company consists of 23 affiliates including 10 bus/trolleybus fleets, 5 tram fleets and other services maintaining Moscow surface public transport work.

More than 30 thousand company workers provide citizens with a regular, comfortable and constantly improving service.

Mosgortrans is an active member of Russian and international associations of public transport.

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