



# „LNG training simulator”

A set of LNG trainer test stands made as part of the project „Innovative research and training platform „LNG training simulator” for developing tactics of operations carried out during LNG incidents and with the use of the State Fire Service equipment” financed by the National Center for Research and Development as part of a competition in the field of scientific research and development works for the defense and security of the state No. DOB-BIO9/15/02/2018. Currently, the LNG trainer is a prototype ready to be used for training purposes.

## The complete and functional set of the LNG trainer consists of 6 parts

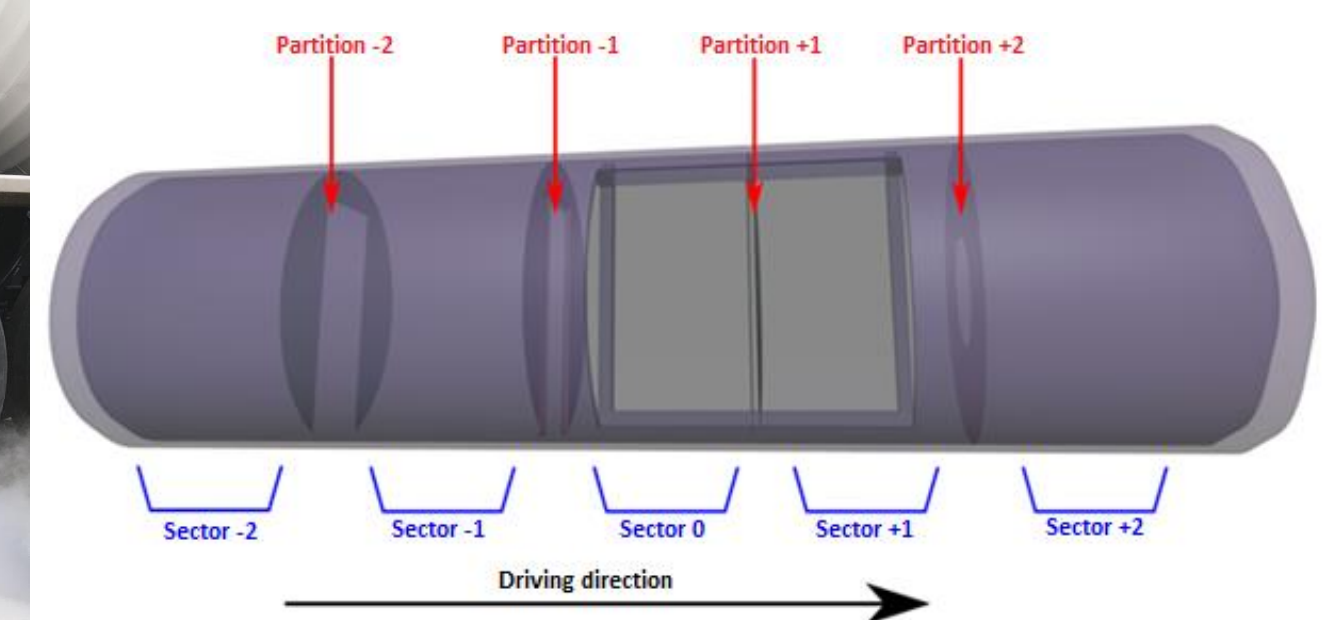
### 1. LNG Bus Trainer

- A bus with an originally reconstructed LNG installation, which will enable the mapping of LNG leakage and fire scenarios.
- The bus is equipped with a smoke machine that enables exercises to evacuate people from the bus.



### 2. Tanker Trainer

- A tanker with an original LNG installation adapted to the training needs.
- Possibility to learn about the construction of cryogenic tanks.
- Conducting practical exercises using other vehicles or a fire source, depending on the scenario.



### 3. LNG Truck Trainer

- Training based on realistic incidents scenarios, including leakage from the LNG installation, damage to the tank or engine compartment fire.



### 4. Stationary Tank

- The tank with liquid gas installation that allows simulating scenarios of damage to the tank.



### 5. Certified Test Stands

- Specialized training for rescue teams in the event of an LNG incident, including rescue and evacuation activities, substance identification, environmental measurements, equipment operation, securing the accident area.



### 6. Virtual Simulator

- The first comprehensive trainer that allows to train the behavior of rescuers during a rescue operation on many levels.

