

## ANNUAL IMPLEMENTATION REPORT

### Voluntary contributions from the Russian Federation

GENERAL INFORMATION	
<b>Project number and title of the project</b>	E361-Improving capacities of the UNECE member States to decarbonize the transport sector by increasing the use of natural gas as a motor fuel
<b>Project manager</b>	Branko Milicevic
<b>Project duration as approved</b>	June 2020 - June 2022
<b>Actual project duration</b>	June 2020 – June 2022
<b>Reporting period</b>	June December 2020 (7 months)
<b>Financial implementation rate (in % of total project budget)</b>	18 % (estimate)
<b>Summary of impact/outcomes</b>	<p>The project implementation in 2020 included the following:</p> <ol style="list-style-type: none"> <li>1. Project webpage was established on the UNECE website: <a href="https://unece.org/project-gas-transport-0">https://unece.org/project-gas-transport-0</a></li> <li>2. Online workshop on Decarbonizing Transport with Natural Gas was conducted on 9 December 2020. The workshop gathered more than 70 experts to discuss project’s objectives and key concepts, sense of direction in 2021, priorities and concerns on switching to compressed or liquefied natural gas (CNG or LNG). The workshop information, presentations and recording are available at: <a href="https://unece.org/sustainable-energy/events/unece-webinar-decarbonizing-transport-natural-gas">https://unece.org/sustainable-energy/events/unece-webinar-decarbonizing-transport-natural-gas</a></li> <li>3. Work on the following deliverables has been initiated: (i) assessment of the state of development of CNG and LNG refueling and storage infrastructure in target UNECE member States; (ii) development of case studies with effective regulatory, legal, economic, technical, and public perception promotional activities to increasing the share on CNG/LNG vehicles in the light- and heavy-duty road fleets; (iii) conduct of a life cycle analysis of competing fueling options (diesel, natural gas, electricity, hydrogen) in target UNECE countries evaluating total energy use, fuel economy, energy efficiency and greenhouse gas emissions; (iv) conduct of comparative analysis of safety requirements for refueling stations as one of the most serious barriers to market development; (v) public opinion research on introducing natural gas as a motor fuel; (vi) collecting a number of case studies on popularization of using natural gas for vehicles, such as advertising, video, films; and (vii) development of recommendations on removing regulatory, legal, economic, technical and public perception measures aimed at promoting the use of gas in transportation and removing relevant barriers.</li> </ol>
<b>SDGs and targets project contributed</b>	SDG 7 7.a By 2030, enhance international cooperation to facilitate access to clean

	<p>energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology</p> <p>SDG 13</p> <p>13.2 Integrate climate change measures into national policies, strategies and planning</p>
<p><b>REVIEW OF EXPECTED ACCOMPLISHMENTS AND ACTIVITIES AS PER PROJECT DOCUMENT</b></p> <p><i>(Please make sure the review (i) includes all EAs and activities as per the project document implemented during the review period, (ii) provide information on the venue of workshops/seminars, their dates and the number of participants, including gender-disaggregated, and (iii) state if the activities have been completed or are still incomplete)</i></p>	
<b>Expected Accomplishment 1 (EA1)</b>	EA1. Improved understanding of the UNECE member States on the benefits of natural gas in transportation as a viable low-carbon alternative to incumbent fuels (petrol and diesel) and emerging technologies (electricity, hydrogen)
<b>Indicators of Achievements for EA1</b>	IA1.1. At least 80 participants from (eight) selected countries improved their understanding of the benefits of natural gas in transportation (evidenced by the event evaluation of participants) Not yet achieved. In progress.
Main Activity A.1.1 <i>(Title of Main Activity A1.1, as per the project document)</i>	A.1.1. Assessing the state of development of CNG and LNG refueling and storage infrastructure in target UNECE countries; The activity is under implementation. The assessment is being conducted under the consultancy contract. The preliminary results are expected to be in April 2021.
Main Activity A.1.2 <i>(Title of Main Activity A1.2, as per the project document)</i>	A.1.2. Identifying and developing case studies with effective regulatory, legal, economic, technical, and public perception promotional activities as well as barriers to increasing the share on CNG/LNG vehicles in the light- and heavy-duty road fleets; The activity is under implementation. The case studies are being identified and developed under the consultancy contract. The preliminary results are expected to be in April 2021.
Main Activity A.1.3 <i>(Title of Main Activity A1.3, as per the project document)</i>	A1.3. Conducting a life cycle analysis of competing fueling options (diesel, natural gas, electricity, hydrogen) in target UNECE countries evaluating total energy use, fuel economy, energy efficiency and greenhouse gas emissions; The activity is under implementation. The life cycle analysis is being conducted under the consultancy contract. The preliminary results are expected to be in April 2021.
Main Activity A.1.4 <i>(Title of Main Activity A1.4, as per the project document)</i>	A.1.4. Conducting comparative analysis of safety requirements for refueling stations as one of the most serious barriers to market development, The activity is under implementation. Comparative analysis is being conducted under the consultancy contract. The preliminary results are expected to be in April 2021.
Main Activity A.1.5 <i>(Title of Main Activity A1.5, as per the project document)</i>	A.1.5. Conducting public opinion research on introducing natural gas as a motor fuel The activity is under implementation. The public opinion research is being conducted under the consultancy contract. A draft questionnaire on public opinion is prepared. The preliminary results are expected to be in April 2021.
Main Activity A.1.6	A.1.6. Developing collection of case studies (and translating them into Russian) on popularization of using natural gas for vehicles, such as

<i>(Title of Main Activity A1.6, as per the project document)</i>	advertising, video, films, etc. The activity is under implementation. A collection of case studies is being developed under the consultancy contract. The preliminary results are expected to be in April 2021.
<b>Expected Accomplishment 2 (EA2)</b>	EA2. Improved national capacities for developing gas infrastructure in the context of sustainable energy (accessible, affordable, clean)
<b>Indicators of Achievements for EA2</b>	IA2.1. At least 40 experts improved their skills in managing gas infrastructure projects IA2.2. At least 4 countries submitted national case studies on removing barriers to the use of gas in transport (evidenced by the impact discovery). Not yet achieved. In progress.
Main Activity A.2.1 <i>(Title of Main Activity A2.1, as per the project document)</i>	A.2.1. Developing recommendations/policy guidelines on removing regulatory, legal, economic, technical and public perception measures aimed at promoting the use of gas in transportation and removing relevant barriers. The activity is under implementation. Recommendations and guidelines are being developed under the consultancy contract. The preliminary results are expected to be in May 2021 and will be validated by the Group of Experts on Gas.
Main Activity A.2.2 <i>(Title of Main Activity A2.2, as per the project document)</i>	A.2.2. Developing up to 4 (four) national case studies on CNG/LNG refueling infrastructure and/or removing other barriers to the use of CNG/LNG in transportation The activity will be implemented in the second half of 2021.
<b>Expected Accomplishment 3 (EA3)</b>	EA3. Improved awareness of the role of CNG and LNG in transportation in selected countries and worldwide.
<b>Indicators of Achievements for EA3</b>	EA3.1. At least 100 participants from (eight) selected countries confirmed improved understanding key global trends and developments, and opportunities to expand s of the role of CNG and LNG in transportation. Not yet achieved. In progress.
Main Activity A.3.1 <i>(Title of Main Activity A3.1, as per the project document)</i>	A.3.1. Organizing 2 (two) capacity-building workshops to disseminate key recommendations and support peer-to-peer learning and adoption of good practices Implementation of activities is planned for the second half of 2021-beginning of 2022.
Main Activity A.3.2 <i>(Title of Main Activity A3.2, as per the project document)</i>	A.3.2. Participating in two other meetings to present and promote the results of the project and raise awareness of the benefits of natural gas in transportation. Implementation of activities is planned for January-May 2022.

Comments/ additional information

Please use this section to provide the donor with information on your plans to ensure full project implementation by the completion date

Due to the current Covid-19 pandemic situation, the implementation of some project activities may be affected. In particular, organization of capacity-building workshops and participation in other meetings will depend on later developments of the situation and may be conducted either in-person or online.