Latvijas Tirdzniecības
un rūpniecības
kamera

Kam:
Vadošajam pētniekam, Dr.sc.ing. Dzintaram Jaunzemam, Projekta vadītājam
RTU Vides aizsardzību un siltuma sistēmu institūts
Āzenes iela 12/1, Rīga LV-1048, Latvija

To:
Lead Researcher, dr.sc.ing. Dzintars Jaunzems, Project leader
RTU Institute of Energy Systems and Environment
Azenes Str. 12/1, Riga LV-1048, Latvia

18/09/2020
2020/1014

Atbalsta vēstule

Letter of support

Apliecinām atbalstu Rīgas Tehniskās universitātes Vides aizsardzības un siltuma sistēmu institūta projektam **"Zema oglekļa lauksaimniecība"**, kas iesniegts Latvijas Zinātnes padome izsludinātajā fundamentālo un lietišķo pētījumu projektu konkursā.

Lauksaimniecības nozare rada aptuveni 25% no globālajām SEG emisijām, tādējādi nozarei būtiskā nozīme globālo SEG emisiju samazināšanas izaicinājumā. Līdz šim lauksaimniecības nozares dekarbonizācijas stratēģijām ir pievērsta salīdzinoši maza uzmanība, galvenokārt tāpēc, ka nozarē ir sarežģīti un ļoti specifiski procesi un apakšprocesi. Tomēr lauksaimniecības nozare ir svarīga, jo tur ir iespējams ievērojami gan samazināt radītās emisijas, gan kompensēt citu sektoru radītās emisijas, izmantojot CO_2 piesaisti.

Projekta mērķis ir paplašināt enerģētikas sistēmu modelēšanas pieeju un rīku lauksaimniecības nozarē, lai dotu plašu ieskatu par nozarē un tās apakšsektoros esošo procesu dinamiku un savstarpējās mijiedarbības.

Lai modelētu lauksaimniecības nozares emisijas un izpētītu emisiju samazināšanas iespējas un politikas instrumentus, tiek izstrādāts lauksaimniecības nozares modulis, izmantojot TIMES enerģētikas sistēmu modelēšanas rīku.

We acknowledge the support for the Riga Technical University Institute of Energy Systems and Environment project **"Making district heating happen"** submitted to the call for fundamental and applied research projects 2020 by the Latvian Council of Science.

Agriculture is responsible for approximately 25% of anthropogenic global GHG emissions and highlights the fundamental importance of the agriculture sector in the global GHG emissions reduction challenge. The agriculture sector has received little attention in decarbonization strategies so far, mainly because of more complicated and specific nature of processes and sub-processes in relevant subsectors. It is, however, a key sector as it has the ability to both deliver substantial emission reductions and offset emissions from other sectors through carbon sequestration.

The goal of the project is to broaden an energy systems modelling approach to agriculture in order to provide generous insights into the dynamics and interactions with in the sector and sub-sectors.

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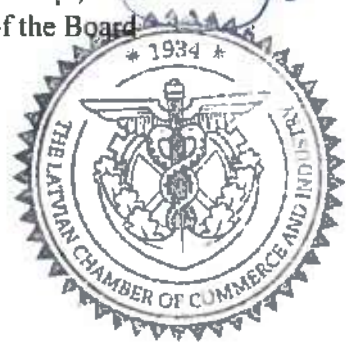
An agriculture sector module using the TIMES energy systems modelling framework is elaborated to model emissions of agriculture sector and explore emissions reduction options and policy instruments.

The researchers of the Institute of Energy Systems and Environment of RTU have demonstrated the ability to implement scientific research on agriculture industry-relevant topics with a high level of professionalism.

Mr. Jānis Endziņš,
Chairman of the Board



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LATVIJAS PAŠVALDĪBU SAVIENĪBA

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Riga
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Support Letter

To whom it may concern

Dear Madam/ Sir,

Latvian Association of Local and Regional Governments is aware of the project proposal "**SoLution tOWards a CARBON neutrality - Extended use of energy systems modelling tool TIMES to accelerate and assess decarbonisation of AGRICULTURE sector (Low Carbon Agriculture)"** to be submitted by the Institute of Energy Systems and Environment of the Riga Technical University to the Latvian Council of Science on 28 September 2020 within the Fundamental and Applied Research Projects call.

The proposed project "SoLution tOWards a CARBON neutrality - Extended use of energy systems modelling tool TIMES to accelerate and assess decarbonisation of AGRICULTURE sector (Low Carbon Agriculture)" focuses on broaden an energy systems modelling approach to agriculture in order to provide generous insights into the dynamics and interactions with in the sector and sub-sectors.

Latvian Association of Local and Regional Governments is familiar with other successful projects from this Institute and know that results from this project will be useful for practical implementation.

As a consequence, **Latvian Association of Local and Regional Governments** hereby expresses the support to the "SoLution tOWards a CARBON neutrality - Extended use of energy systems modelling tool TIMES to accelerate and assess decarbonisation of AGRICULTURE sector (Low Carbon Agriculture)" project proposal and will follow up the evolution of the project, in particular will:

- exchange the results of the project in the various national context;
- contribute to disseminate project results;
  participate to stakeholder activities during the time of the project.

Respectfully,

Chairman (paraksts*) Gints Kaminskis

* The document is signed with a secure electronic signature