



To: Institute of Energy Systems and Environment of the Riga Technical University

Letter of Support

12 August 2022, Rīga

The Latvian Association of Waste Management Companies (LASUA) hereby confirms its intention to support the project application of Riga Technical University (RTU) "**RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality**" as the stakeholder. The supported RTU project has been submitted to the Fundamental and applied research programme funded by the Latvian Science Council in the open project tender.

The aim of the project is to develop technological solutions for the management of textile waste, taking into account the cornerstones of the circular economy, bioeconomy and energy security. The results of the project will provide environmental pollution-reducing, energy-efficient and local economy-promoting textile waste processing solutions aimed to effective use of high-added value waste recovered resources in the national economy.

The Latvian Association of Waste Management Companies (LASUA) includes companies engaged in management, collection, depositing, processing, handling, burying of household and hazardous waste and removal of industrial waste, and also providing for other utilities. The mission of LASUA is to facilitate complex development of socially responsible waste management companies in Latvia according to the circular economy principles.

The results of the project will be essential for waste management and waste treatment companies, decision-making bodies (ministries and agencies), textile producers and clothing entrepreneurs, as well as investors in innovation.



Dr.sc.ing. Jānis Vilgerts

Chairman of the Board of the Latvian Association of Waste Management Companies

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V.R.U.
Vieglās Rūpniecības Uzņēmumu Asociācija

Association of Textile and Clothing Industry (ATCI)

Kam:

RTU Vides aizsardzības un siltuma sistēmu institūts

2022. gada 15. augusts, Rīgā

To:

RTU Institute of Energy Systems and Environment

15 August 2022, Rīga

Atbalsta vēstule

Letter of Support

Ar šo Latvijas Vieglās rūpniecības uzņēmumu asociācija apstiprina nodomu atbalstīt Rīgas Tehniskās universitātes (RTU) projekta "RECO₂TTON: Integrētie risinājumi tekstila atkritumu valorizācijai ceļā uz vietējās ekonomikas stiprināšanu, vides piesārņojuma novēršanu un klimata neutralitāti" kā ieinteresētā puse. Atbalstāmais RTU projekts pieteikts 2022. gada Fundamentālo un lietišķo pētījumu projektu konkursam, ko finansē Latvijas Zinātnes padome.

The Latvian Association of Textile and Clothimg Industry (ATCI) (hereinafter – Association) hereby confirms its intention to support the project application of the Riga Technical University (RTU) "RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality" as the stakeholder. The supported RTU project has been submitted to the Fundamental and applied research programme funded by the Latvian Science Council in the open project tender.

Projekta mērķis ir attīstīt tehnoloģiskos risinājumus tekstila atkritumu apsaimniekošanai, ievērojot aprites ekonomikas, bioekonomikas un energoneatkarības vadmotīvus. Projekta īstenošanas rezultāti sniegs apkārtējās vides piesārņojuma mazinošus, energoefektīvus un vietējas ekonomikas veicinošus tekstila atkritumu pārstrādes risinājumus, kas būtiski veicinās no atkritumiem atgūto augstas pievienotas vērtības resursu izmantošanu tautsaimniecībā.

The aim of the project is to develop technological solutions for the management of textile waste, taking into account the cornerstones of the circular economy, bioeconomy and energy security. The results of the project will provide environmental pollution-reducing, energy-efficient and local economy-promoting textile waste processing solutions aimed to effective use of high-added value waste recovered resources in the national economy.

Latvijas Vieglās rūpniecības uzņēmumu asociācija pārstāv Latvijas tekstila ražošanas uzņēmumus un ir vērsta uz vietējo ražotāju konkurētspējas paaugstināšanu atbilstoši nacionālajām un starptautiskajām tekstilrūpniecības tendencēm.

Latvian Association of Textile and Clothimg Industry (ATCI) represents fabric and textile manufacturing companies of Latvia and is aimed on enhancing the competitiveness of local producers in line with national and international textile industry trends.

Plānotā projekta rezultāti būs būtiski tekstilizstrādājumu ražotājiem, lai sasniegtu eko-konkurētspējas mērķus un uz inovācijām balstītas tekstilrūpniecības nozares attīstību.

The results of the project would be essential for the fabric and textile manufacturers on delivery of eco-competitiveness targets and development of innovation-based textile industry.

Guntis Strazds


Paraksts / Signature

Biedrības "Vieglās rūpniecības uzņēmumu asociācija"
prezidents

President of the Latvian Association of Textile and Clothimg
Industry (ATCI)



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SIA "ZAAO"
Reg. Nr. 44103015509
zaao@zaao.lv; www.zaao.lv

16 August 2022, Valmiera
No. 1.25/314

**To: Institute of Energy Systems and Environment
of the Riga Technical University**

Letter of Support

The waste management company "ZAAO" Ltd also representing environmental educational programme "Nature and technology park "URDA"" hereby confirms its intention to support the project application of Riga Technical University (RTU) "**RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality**" as the stakeholder. The supported RTU project has been submitted to the Fundamental and applied research programme funded by the Latvian Science Council in the open project tender.

The aim of the project is to develop technological solutions for the management of textile waste, taking into account the cornerstones of the circular economy, bioeconomy and energy security. The results of the project will provide environmental pollution-reducing, energy-efficient and local economy-promoting textile waste processing solutions aimed to effective use of high-added value waste recovered resources in the national economy.

"ZAAO" Ltd provides waste management services (municipal and hazardous waste collection, sorting, transportation, recycling, recovery and disposal) in environmentally-sounded way in North Vidzeme Region of Latvia. In addition "ZAAO" Ltd takes active part in environmental education activities aimed at educating, informing and participation of the local community in improvement of environmental quality. The most important target groups are regional municipalities, "ZAAO" clients, educational institutions, and the community in general.

The results of the project will be essential for waste management and waste treatment companies. "ZAAO" Ltd is highly interested in dissemination of the project results via educational and information activities provided by the company to raise awareness on textile waste valorization as well as to ensure effective dialogue between the local communities, industries and waste management sector.

Chairman of the board

Gints Kukainis

Signature not validated



Digitally signed by GINTS KUKAINIS
Date: 2022.08.16 10:26:57 EEST



VIDES AIZSARDZĪBAS PAKALPOJUMI

Akciju sabiedrība „BAO”, Cēlnieku iela 3a, Olaine, LV – 2114, Latvija
Tālr.: 67612259; Fakss: 67614945; e-pasts bao@bao.lv; www.bao.lv
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Konta nr.: LV85HABA0551010750161

To: Institute of Energy Systems and Environment
Riga Technical University

LETTER OF SUPPORT

15 August 2022, Olaine

The hazardous waste management company “BAO” hereby confirms its intention to support the project application of Riga Technical University (RTU) “**RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality**” as the stakeholder. The supported RTU project has been submitted to the Fundamental and applied research programme funded by the Latvian Science Council in the open project tender.

The aim of the project is to develop technological solutions for the management of textile waste, taking into account the cornerstones of the circular economy, bioeconomy and energy security. The results of the project will provide environmental pollution-reducing, energy-efficient and local economy-promoting textile waste processing solutions aimed to effective use of high-added value waste recovered resources in the national economy.

“BAO” provides with a full service for the hazardous waste management (collection, transportation, recycling and recovery). Among the other hazardous waste “BAO” ensures collection and treatment of the infectious textile waste coming from health care institutions as well as collection and management of absorbents and protective clothing contaminated with hazardous substances.

“BAO” regularly follows the scientific achievements in waste management field to ensure high quality waste management services corresponding to circular economy principles. While the existing scientific progress at international level in the field of circular approaches for hazardous textile waste management was limited.

Thus, “BAO” expresses a strong interest in the results of the “RECO₂TTON” projects and corresponding dissemination activities.

Māris Kalniņš
Chairman of the Board



Vides aizsardzības un reģionālās attīstības ministrija

Peldu iela 25, Rīga, LV-1494, tālr. 66016740, e-pasts pasts@varam.gov.lv, www.varam.gov.lv

Rīgā, 17.08.2022. Nr. 1-132/5814

Uz Nr.

**Rīgas Tehniskās universitātes
Vides aizsardzību un siltuma sistēmu institūtam**
Āzenes iela 12/1, Rīga
LV-1043

Atbalsta vēstule

Ar šo Latvijas Republikas Vides aizsardzības un reģionālās attīstības ministrija (VARAM) apstiprina nodomu atbalstīt Rīgas Tehniskās universitātes (RTU) projekta “RECO₂TTON: Integrētie risinājumi tekstila atkritumu vērtību radīšanai celā uz vietējās ekonomikas stiprināšanu, vides piesārnojuma novēršanu un klimata neutralitāti” kā ieinteresētā puse.

Atbalstāmais RTU projekts pieteikts 2022. gada Fundamentālo un lietišķo pētījumu projektu konkursam, ko finansē Latvijas Zinātnes padome.

Projekta mērķis ir attīstīt tehnoloģiskos risinājumus tekstila atkritumu apsaimniekošanai, ievērojot aprites ekonomikas, bioekonomikas un energoneatkarības vadmotīvus. Projekta īstenošanas rezultāti sniegs apkārtējās vides piesārņojuma mazinošus, energoefektīvus un vietējās ekonomikas veicinošus tekstila atkritumu pārstrādes risinājumus, kas būtiski veicinās no atkritumiem atgūto augstas pievienotas vērtības resursu izmantošanu tautsaimniecībā.

Atbilstoši Latvijas Republikas "Atkritumu apsaimniekošanas valsts plāns 2021.-2028. gadam" un "Rīcības plāns pārejai uz aprites ekonomiku 2020.-2027. gadam", viens no rīcības virzieniem Latvijas kontekstā ir pāreja no atkritumu apsaimniekošanas uz resursu apsaimniekošanu, kas tiešā veidā atbilst projekta "*RECO₂TTON: Integrētie risinājumi tekstila atkritumu vērtību radīšanai ceļā uz vietējās ekonomikas stiprināšanu, vides piesārņojuma novēršanu un klimata neutralitāti*" mērķiem. Projekta īstenošana sekmētu zinātību par resursu no tekstila atkritumiem atgūšanas tehnoloģijām, kvantificētu to izmantošanas potenciālu un konkrēto tehnoloģisko risinājumu pielāgotību izmantošanai valstī attiecība uz aprites ekonomikas un klimata neutralitātes nacionālo mērķu sasniegšanu, kā arī ekoefektīvas uzņēmējdarbības attīstību valstī.

RTU Vides aizsardzības un siltuma sistēmu institūta pētnieki pierādījuši spēju izpildīt nozarei nozīmīgus pētījumus ar augstu profesionalitātes līmeni.

Cieņā
valsts sekretāra vietnieks
vides aizsardzības jautājumos

A. Kēninš



Vides aizsardzības un reģionālās attīstības ministrija
Ministry of Environmental Protection and Regional Development of the Republic of Latvia

Peldu street 25, Riga, LV-1494, Latvia, phone +371 66016740, e-mail pasts@varam.gov.lv, www.varam.gov.lv

Riga, 17.08.2022. No. 1-132/5814

To No.

**Riga Technical University
Institute of Energy Systems and Environment**
Azenes Str. 12/1, Riga
LV-1043, Latvia

Letter of Support

The Ministry of Environmental Protection and Regional Development of Latvia (hereinafter - Ministry) hereby confirms its intention to support the project application of the Riga Technical University (RTU) “*RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality*” as the stakeholder.

The supported RTU project has been submitted to the Fundamental and applied research programme funded by the Latvian Science Council in the open project tender.

The aim of the project is to develop technological solutions for the management of textile waste, taking into account the cornerstones of the circular economy, bioeconomy and energy security. The results of the project will provide environmental pollution-reducing, energy-efficient and local economy-promoting textile waste processing solutions aimed at the effective use of high-added value waste recovered resources in the national economy.

According to the State Waste Management Plan for 2021-2028 and the Action Plan for the transition to the circular economy 2020-2027, one of the actions for Latvia is transition from waste management to resource management, which is directly in line with the goals of the project “*RECO₂TTON: Integrated textile waste valorization solutions towards strengthening local economy, environmental pollution prevention and climate neutrality*”. The implementation of the project would promote know-how on resource recovery technologies as well as quantify the potential and adjust the proper use of the specific textile waste recovery approaches towards delivery of circular economy and climate neutrality national targets, as well as contribute to the development of eco-efficient entrepreneurship in the country as a whole.

The researchers of the Institute of Energy Systems and Environment of the RTU have demonstrated the ability to implement scientific research at a high level of professionalism.

Sincerely,

Deputy State Secretary

A. Kēninš

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A TIME STAMP