

## EVENT REPORT FORM

PROJECT INFO	
Project title	Sustainable transportation within the framework of green deal
Project acronym	SPHERE
Call	ERASMUS-EDU-2023-CBHE-STRAND-2
Project number	101082860
Funding scheme	Capacity Building in the field of Higher Education: Strand 2
Web address	<a href="http://www.sphere.pr.ac.rs">www.sphere.pr.ac.rs</a>
Coordination institution	University of Mitrovica
Project duration	01 March 2024 – 28 February 2027

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## EVENT DESCRIPTION

Date	08/01/2025
Author	Tuychiev Olimjon, Ruzimov SanjARBek
Institution	Turin Polytechnic University in Tashkent
Event title	Publication an article in Uzbek newspaper about the influence of new energy vehicles and sustainable transport, including the influence of SPHERE project
Event description:	<p>On January 8<sup>th</sup>, 2025, Rector of TPPU published an article in one of the most readable and popular newspapers in Uzbekistan called “New Uzbekistan” (№4L). His article is dedicated to the role of ecology in the development of Green economy in general and in Uzbekistan in particular.</p> <p>In particular, he mentioned the Sphere project as a bridge between education, industry and economy in the field of Sustainable Transport. Also, he mentioned about the planned activity throughout the project timeline, including a launch of BSc programme in Sustainable transport, establishment of laboratories to enhance the educational process and experience exchange among project partners.</p> <p><a href="https://yuz.uz/file/newspaper/97e3a1ff2a4a25403a6715d799007ebe.pdf">https://yuz.uz/file/newspaper/97e3a1ff2a4a25403a6715d799007ebe.pdf</a></p>

## Attachment

## Photos (jpg)

### ISSIQXONA GAZINI KAMAYTIRISH VA TRANSPORT TIZIMINI RIVOJLANTIRISH

"Yashil" iqtisodiyotni rivojlantrish yo'nalishlari orasida "yashil" transport katta ahamiyat kasb etadi. Chunki transport tizimi atrof-muhitiga judiy salbyi ta'sir ko'satishi, oqibatda inson salomatligiga katta xavf tug'dirishi mumkin. Jaho bo'sg'ligini saqlash tashkiloti (JST) ma'lumotiga ko'r'a, havo ifoslanishi har yilli 7 milliongacha insonning era o'limiga sabab bo'ldi. Jaho energiyasi ist'moli va issiqxona gazingiz 20-25 foizi bevosita transportdagi hissasiga to'g'ri keladi. O'zbekistonda ham avtomotorsport atrof-muhitiga judiy ta'sir ko'satmoqda. Statistik ma'lumotlarga ko'r'a, Toshkent shahri atmosferaga avtomotorsport chiqarayorgan zararli tashlamalar borasida yetakchi bo'lib turibdi.

Shu kabi muammolarni barqor transport tarmoyillarini joriy etishni dolzib vazifaga aylantirdi. Yurtimizda barqor transport tizimini rivojlantrish maqsadida qator amaliy ishlar qillinmoqda. Xususan, Toshkent shahridagi Turin politeknika universiteti Toshkent davlat transport universiteti, Toshkent kimyo xalqaro universiteti va Mirzo Ulug'bek nomidagi O'zbekiston Milliy universitetining Jizzax filiali bilan birligida Yevropa Iftifoqining Erasmus+ dastur "dorasida" "Sphere" loyhasini boshladi. Ushbu loyihaga asosan, barqor transport tizimlari yo'nalishida ta'ilim va tadqiqoti rivojlantrishiga qaratilgan. Uning dorasida O'zbekistondan shaxrok etayongan olyta'ilim muassasalarida barqor transport tizimlari bakhshirvat ta'ilim yo'nalishini tashkil etish rejahlashitigan. Innovation va yangi texnologiyalardan foydalangan



kompleks o'quv dasturlari ishlab chiqish orqali Yevropa Iftifoqining ilg'or tajribalarini O'zbekiston oly ta'ilim muassasalariga joriy etish belgilangan. 2024-2027-yillarda rejahlashitigan loyha dorasida 2024-yil martida Toshkent shahridagi Turin politeknika universitetida daslabki uchrashuv bo'lib o'tdi. Sloveniya, Gretsiya va Ispaniyada o'tkazilgan trening va yig'ilishlar dorasida barqor transport sohasida yangi bilim hamda tajribalar o'raniadi. Muhim, tahillar natijasida 70 dan ortiq yangi fan dasturi ishlab chiqila boshladi.

Inson faoliyatining barcha turi biomuhsitming o'zgarishiga olib kelmoqda. Ushbu o'zgarishlarning yo'nalishi va miyosini "ekologik ingroz" sifatida baholash mumkin. Mana shunday salbiy ta'simi kamaytirish uchun ham "yashil" iqtisodiyotga o'tish niroyatda zaru.

Davlatimiz rahbarining 2022-yil 2-dekabriddagi "2030-yiligacha O'zbekiston Respublikasining "yashil" iqtisodiyotga o'tishiga qaratilgan ishlolar samaraddaligini oshirish bo'yicha chora-tadbirlar to'g'risida"gi qanori ijrosini ta'minlasdi maqsadida

Toshkent shahridagi Turin politeknika universiteti tom'onidan "Foydalishdan chiqarilgan "Mercedes-Benz Konekt" rusumi dizel avtobuslami elektrifikasiya qilish orqali elektrobus prototipini yaratish" amaliy loyhasi yo'liga qo'yilgan. Loyha Innovation rivojlanchish agentligi tom'onidan moliyalashtirilgan.

Loyha iqtisodiy o'sish va ijtimoiy rivojalishni ta'minlaydigan ilmiy hamda texnologik zaxarilami shakllantirish bilan uzziv bog'liq. Hozir neft mahsulotlari zaxarisi kamayishi narsa oshishiga sabab bo'lmoqda. Bu esa, o'z navbatida, shahar transport tizimida yo'lovchilarini tashish tanxari qimmatlashishiga ham olib keladi. Shahar transport tizimida harakatalanuvchi avtobuslar elektralashtirish bir qancha muammolar yechimini beradi. Avvalo, neft mahsulotlariiga talab kamayadi. Shuningdek, atmosferaga chiqiqindagi gaz tashlanishining oldi olinib, shahar ekologiyasi yaxshilanadi.

Yana bir ahamiyatli jihat, uzoq yillarda yurutimizga import qilingan "Mercedes-Benz Konekt" rusumli avtobuslar dizel dvigateli bilan jihozlangan va hozir o'z vaqifasini o'tab bo'lgan. Lekin avtobusning bosqich qismilari, shassisasi yaroqli boladta. Loyha doirasida zavod tom'onidan o'matilgan dvigatellarni elektr dvigatellarga almashtirish orqali avtobuslarning ishlash muddati oshiriladi. Bu esa resurslardan yanada samarali foydalish, xarajadamlari kamaytirish va umumiy iqtisodiy samaradorlikni oshirish demakdir. Aynan mana shular "yashil" iqtisodiyotning muhim talablaridan. Loyha shaharlardagi ekologik vaziyatni yaxshish va yo'lovchilarga qulaylikni oshirish imkonini beruvchi ekologik toza hamda samarali transport vositasini yaratishga xizmat qiladi.

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