

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	www.sphere.pr.ac.rs
Coordination institution	University of Mitrovica
Project duration	01 March 2024 – 28 February 2027

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Sustainable transportation within the framework of green deal - SPHERE
Call: ERASMUS-EDU-2023-CBHE-STRAND-2
Project Number: 101128065

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 8th, 2025, Rector of TTPU 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>https://yuz.uz/file/newspaper/97e3a1ff2a4a25403a6715d799007ebe.pdf</p>

Attachment

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Photos (jpg)

ISSIQXONA GAZINI KAMAYTIRISH VA TRANSPORT TIZIMINI RIVOJLANTIRISH

“Yashil” iqtisodiyotni rivojlantirish yo‘nalishlari orasida “yashil” transport katta ahamiyat kasb etadi. Chunki transport tizimi atrof-muhitga jiddiy salbiy ta‘sir ko‘rsatishi, oqibatda inson salomatligiga katta xavf tug‘dirishi mumkin. Jahon sog‘liqni saqlash tashkiloti (SSHT) ma‘lumotiga ko‘ra, havo ifloslanishi har yili 7 milliongacha insonning erta o‘limiga sabab bo‘ladi. Jahon energiyasi iste‘moli va issiqxona gazining 20-25 foizi bevosita transportlar hissasiga to‘g‘ri keladi. O‘zbekistonda ham avtotransport atrof-muhitga jiddiy ta‘sir ko‘rsatmoqda. Statistik ma‘lumotlarga ko‘ra, Toshkent shahri atmosferaga avtotransportlar chiqarayotgan zararli tashlanmalar borasida yetakchi bo‘lib turibdi.

Shu kabi muammolar barqaror transport tamojillarini joriy etishni dolzarb vazifaga aylantirdi. Yurtimizda barqaror transport tizimini rivojlantirish maqsadida qator amaliy ishlar qilinmoqda. Xususan, Toshkent shahridagi Turin politexnika universiteti

Toshkent davlat transport universiteti, Toshkent kimyo salqam universiteti va Mirzo Ulug‘bek nomidagi O‘zbekiston Milliy universitetining Jizzax filiali bilan birgalikda Yevropa Ittifoqining Erasmus+ dasturi doirasida “Sphere” loyihasini boshladi. Ushbu loyihaga asosan, barqaror transport tizimlari yo‘nalishida ta‘lim va tadqiqotni rivojlantirishga qaratilgan. Uning doirasida O‘zbekistondan ishtirok etayotgan oliy ta‘lim muassasalarida barqaror transport tizimlari bakalavriat ta‘lim yo‘nalishini tashkil etish rejalashtirilgan. Innovatsion va yangi texnologiyalardan foydalanilgan



kompleks o‘quv dasturlari ishlab chiqish orqali Yevropa Ittifoqining ilg‘or tajribalarini O‘zbekiston oliy ta‘lim muassasalariga joriy etish belgilangan. 2024-2027-yillarga rejalashtirilgan loyiha doirasida 2024-yil martida Toshkent shahridagi Turin politexnika universitetida dastlabki uchrashuv bo‘lib o‘tdi. Sloveniya, Gretsiya va Ispaniyada o‘tkazilgan trening va yig‘ilishlar doirasida barqaror transport sohasida yangi bilim hamda tajribalar o‘rganildi. Muhimi, tashkilot natijasida 70 dan ortiq yangi fan dasturi ishlab chiqila boshladi.

Inson faoliyatining barcha turi biomuhitning o‘zgarishiga olib kelmoqda. Ushbu o‘zgarishlarning yo‘nalishi va miqyosini “ekologik inqiroz” sifatida baholash mumkin. Mana shunday salbiy ta‘sirni kamaytirish uchun ham “yashil” iqtisodiyotga o‘tish nihoyatda zarur.

Davlatimiz rahbarining 2022-yil 2-dekabrda 2030-yilgacha O‘zbekiston Respublikasining “yashil” iqtisodiyotga o‘tishiga qaratilgan islohotlar samaradorligini oshirish bo‘yicha chor-tadbirlar to‘g‘risida”gi qarori ijrosini ta‘minlash maqsadida

Toshkent shahridagi Turin politexnika universiteti tomonidan “Foydalanishdan chiqarilgan “Mercedes-Bens Konekt” rasmli dizel avtobuslarni elektrifikatsiya qilish orqali avtobus prototipini yaratish” amaliy loyihasi yo‘lga qo‘yilgan. Loyiha Innovatsion rivojlanish agentligi tomonidan moliyalashtirilgan.

Loyiha iqtisodiy o‘rinish va ijtimoiy rivojlanishni ta‘minlaydigan ilmiy hamda texnologik zaxiralarni shakllantirish bilan uzviy bog‘liq. Hozir neft mahsulotlari zaxirasi kamayishi narx oshishiga sabab bo‘lmoqda. Bu esa, o‘z navbatida, shahar transport tizimida yo‘lovchilarni tashish tanarxi qimmatlashishiga ham olib keladi. Shahar transport tizimida harakatlanuvchi avtobuslarni elektrifikatsiya bir qancha muammolar yechimini beradi. Avvalo, neft mahsulotlariga talab kamayadi. Shuningdek, atmosferaga chiqqini gaz tashlanishining oldi olinib, shahar ekologiyasi yaxshilanadi.

Yana bir ahamiyatli jihati, uzoq yillar yurtimizga import qilingan “Mercedes-Bens Konekt” rasmli avtobuslar dizel dvigateli bilan jihozlangan va hozir ular o‘z vazifasini o‘tab bo‘lgan. Lekin avtobusning boshqa qismlari, shassis yaroqli holatda. Loyiha doirasida zavod tomonidan o‘rnatilgan dvigatellarni elektr dvigatellarga almashtirish orqali avtobuslarning ishlash muddati oshiriladi. Bu esa resurslardan yanada samarali foydalanish, xarajatlarni kamaytirish va umumiy iqtisodiy samaradorlikni oshirish demakdir. Aynan mana shular “yashil” iqtisodiyotning muhim talablaridan.

Loyiha shaharlardagi ekologik vaziyatni yaxshilash va yo‘lovchilarga qulaylikni oshirish imkonini beruvchi ekologik toza hamda samarali transport vositasi yaratishga xizmat qiladi.

