

<b>Project Number</b>	<b>DP21681907</b>
<b>Project Name</b>	<b>Organization of Production for Regeneration and Purification of Vegetable Oils</b>
<b>Results of scientific and (or) scientific-technical activities</b>	<b>RSSTA23RKII143</b> Waste vegetable oil purification technology
<b>Applicant</b>	S. Seifullin Kazakh Agrotechnical Research University JSC
<b>Grant Recipient/ Private Partner</b>	Individual Entrepreneur “Suleimenov”
<b>Implementation Period</b>	<b>2023-2025</b>
<b>Location (City/Region)</b>	Astana
<b>Sector</b>	Agro-industrial complex and agricultural raw material processing
<b>Implementation Status</b>	In progress
<b>Project Objective</b>	Commercialization of R&D by implementing a developed technology for regenerating vegetable oils using an innovative method
<b>Project Description</b>	The R&D pertains to feed production and technical purposes. The market shows high costs for feed and technical oils, both imported and locally produced. The launch of an enterprise utilizing the technology for secondary use of spent vegetable oils will address not only feed production issues and the construction sector but also waste disposal challenges.
<b>Website</b>	<b><a href="https://oil-eco.kz/news/">https://oil-eco.kz/news/</a></b>
<b>List of Products with Pricing</b>	As part of the commercialization of R&D, two types of products are planned for release: <ol style="list-style-type: none"> <li>1. Regenerated feed oil (acid value: 0.4 mg KOH/g; peroxide value: 3.5 mmol/kg <math>\frac{1}{2}</math>O; moisture content: 0.1%), with a design capacity of 2.1 tons/shift – 360 KZT</li> <li>2. Regenerated technical oil (acid value: 1.2 mg KOH/g; peroxide value: 4 mmol/kg <math>\frac{1}{2}</math>O; moisture content: 0.1%), with a design capacity of 0.9 tons/shift – 360 KZT</li> </ol>
<b>Project Team (Full Names)</b>	Almas Askarovich Suleimenov Zhuldyz Isakovna Sataeva Nurbibi Sovetovna Mashanova Mirgul Yesengalieвна Smagulova Tynyk Akimbergenovich Kambarov Maral Zhanatovna Nurseitova

