

Cooperation with the industry, at different levels, represents an extremely important segment in the work of the Faculty of Technology Novi Sad. Thanks to the cooperation, Prof. Ranko Romanić, PhD and Tanja Lužaić, PhD from our Faculty are part of a multidisciplinary team consisting of members from a total of four scientific-research organizations (SROs). In addition to our Faculty, Faculty of Pharmacy, Faculty of Veterinary Medicine and Faculty of Biology, University of Belgrade, led by Prof. Zoran Maksimović, PhD are implementing a project entitled: *Value-Added Products from Maize, Wheat and Sunflower Waste as Raw Materials for Pharmaceutical and Food Industry (PhAgroWaste)*.

The aim of the *PhAgroWaste* project is to examine the quality and possibilities of application of potentially valuable chemical compounds and materials obtained by simple and environmentally friendly procedures from harvest residues of maize, wheat and sunflower, as well as by-products and waste materials that arise during industrial production of edible oils of mentioned plants.

The final results of the project are directly aimed at domestic and foreign economic entities. In this way, materials with high added value, produced with the aim of improving the quality of life of their users, reducing waste generation in the production chain, limiting the impact of intensive agriculture on the environment and improving the competitiveness and economic growth of agriculture, food and pharmaceutical industry.

The *PhAgroWaste* project is presented in a series of shows „Nauka privredi“ which deals with the cooperation of scientific-research organizations (SROs) with the economy and is broadcast on Radio-television of Vojvodina and on its own YouTube channel. Two shows about the *PhAgroWaste* project have been recorded so far. In the second show, the participants from the Faculty of Technology Novi Sad, Prof. Ranko Romanić, PhD and Tanja Lužaić, PhD were speaking about the work on the project.

As part of the Vojvodina Green Initiative, a series of shows „Zelena patrola“ is broadcast on more than 50 television channels in Serbia and the region. As part of this series, two shows have also been recorded so far where Prof. Ranko Romanić, PhD and Tanja Lužaić, PhD talked about the work on the *PhAgroWaste* project.

Nauka Privredi S08E16 – 1st show ([link](#))

Nauka Privredi S08E18 – 2nd show ([link](#))

Show „PhAgroWaste – Od bezvrednog otpada do vrednih sirovina“ ([link](#))

Show „PhAgroWaste – Formula za uspeh“ ([link](#))

Graphical abstract or graphical presentation of project results:

Waste plant material	Value-added products	Industry
	<ul style="list-style-type: none"> Cellulose and its derivatives Pectin Bioactive compounds Food additives Cosmetic formulations ingredients 	<ul style="list-style-type: none"> Pharmaceutical Food Cosmetic