

## Solutions for multigrain milling

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This project entitled **Solutions for multigrain grinder** (PN-III-P2-2.1-BG-2016-0143, contract nr. 18/2016) was carried out in a consortium consisting of "Dunarea de Jos" University of Galati as Coordinator, SC Arcada SRL as partner in which the transfer of knowledge and technology is achieved and UEFISCDI ([www.uefiscdi.ro](http://www.uefiscdi.ro)) (Program 2, Increasing the competitiveness of the Romanian economy through RDI, Subprogram 2.1 - Competitiveness through Research, Development and Innovation - "Knowledge Transfer to Economic Agents, Bridge Grant").

The project deals with the transfer of knowledge from the university to industry in order to obtain the sustainable milling products. The main objective of the project is to obtain multigrain flours by means of a wheat roller mill. The mill streams resulting through multigrain milling differ in terms of physicochemical, nutritional and technology properties, and by combining the mill streams one can obtain different types of multigrain flours with high nutritional value. The team of the project aims to identify cereals with compatible physical properties, such as to be able to carry out their mixed milling in a roller mill. The optimization of the milling flow diagram is targeted in order to obtain end products with suitable physicochemical, nutritional, microbiological and technological properties. Another important objective of the project is to consolidate the practical knowledge of the students by trainings at the economic agents in addition to training performed during the academic years.

More details on the project results on <http://www.multicereale.ugal.ro/>.