

Study on the research, innovation and technology transfer capacities and on the recent agricultural policy developments in the context of the EU approximation process in the pre-accession countries (ARAPD)

Task 2: Study on the research, innovation and technology transfer capacities

MONTENEGRO

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Interim Meeting

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Online meeting



Introduction

- In Montenegro the Ministry of Agriculture and Rural Development, as well as the Ministry of Science, are state institutions in charge of agricultural development and technological advancement in agriculture, also which are in charge of innovation research and development, as well as policy makers.
- Montenegro has a national science development strategy. Main goals of strategy in agri-food sector concerning development and technological progress are part of the Strategy for the Development of Agriculture and Rural Areas 2016-2020 as well Strategy for Scientific Research Activity 2017-2021.
- Problems in data collection



National budget for science (NBS) in the last five years

NBS	2015	2016	2017	2018	2019
Total in EURs	4,116,597	6,020,813	4,246,836	5,240,188	6,048,700 (preliminary)
% of GDP	0.11	0.15	0.10	0.11	GDP not published yet
% of budget dedicated to agri-food sector	15% (estimate)	15% (estimate)	15% (estimate)	15% (estimate)	

Source: Ministry of Science



Research and innovation projects were supported by government (different ministries, funds etc.) in agri-food sector (biotechnical sciences or equivalent) in last five years

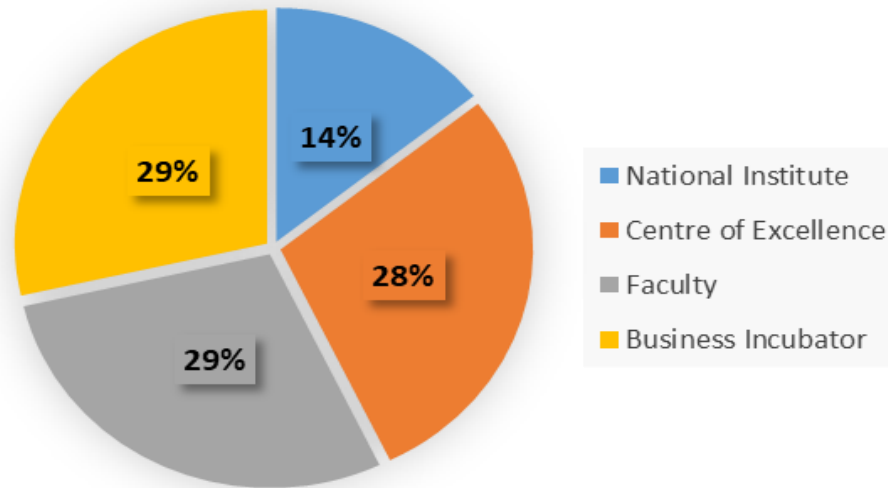
Projects		2016-2018	2019
Research	Total No.	27	2
	Value (EUR)	767,436	1,003,242 new centre of excellence in Food safety, contracted in 2019, starting as of 1 Jan 2020
Innovation	Total No.	5	2
	Value (EUR)	171,651	123,851

Source: Ministry of Science



Inventory of all relevant agri-food research capacities

Figure 1. Type of institution



Description of all relevant agri-food research capacities

- Research institutions
- Centers of Excellence
- Faculties
- Advisory and Extension Services
- Business Incubators
- Clusters



The capacity of small agri-food firms to adopt innovations and new technology

- Inventory of small agri-food firm capacities
- The process of adoption of innovations and new technology in practice
- The process and sources used by agri-businesses in learning and acquiring knowledge and information about innovations/new technology



The role and capacity of the education system in supplying education and skills required in the labor market in agriculture, particularly with respect to facilitating innovation and technology transfer in the agro-food sector

- Faculties are more focused on "learning" than "research"
- Center of Excellence



The role of other relevant stakeholders in agri-food sector in prompting technological and knowledge transfer and adoption

- Farmers' cooperation
- Business networks/clusters
- The foreign direct investment
- Processing and retail companies



The role of Horizon Europe or Structural funds or IPA (e.g. funding) in contributing to the research, innovation and technology transfer capacities in the agri-food sector

The role of IPA funds in the modernization and technological progress of agriculture in Montenegro is extremely large, even if there was no IPA assistance, the question is how much Montenegro's agriculture would be modernized.



Thank you for your attention!

