

# Centre of Excellence for European Agri-Food Chain CEEAG

Jean Monnet project

**Pavol Schwarcz, Norbert Floris**  
Slovak University of Agriculture in Nitra



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# Project idea

## ► utilize experiences from previous projects:

- New European Standards in the Context of Reformed EU Common Agricultural Policy (NEWCAP), 2012 - 2014;



- Enhancing Competencies of Central Asian Universities in Agricultural Policy focused on Environmental Protection & Land Management (ECAP), 2015 - 2018;



- Jean Monnet modules, projects, CoE...

## ► bring innovative aspects to teaching and research activities



# Project background

- ▶ Agri-food sector is one of the biggest and most supported economic sectors in the EU;
- ▶ agricultural sectors in Member States are facing serious problems, e.g. low quality of food products, ageing of population and abandonment of rural areas - great challenge for relevant public authorities and for the academic sector, as well;
- ▶ Case of SK - low level of domestic production (only 65% of domestic production is processed in Slovakia), reduction of employees in agriculture, high unemployment rate in rural areas, land abandonment;
- ▶ Effort to cover all above mentioned aspects in project proposal involving whole agri-food chain.



# Aim of project

- ▶ to strengthen a **multidisciplinary** approach in the teaching process of the project target group - PhD. students and provide them professional knowledge and information in the focus areas of the:
  - ▶ common Agricultural Policy of the EU,
  - ▶ risk factors in the food chain,
  - ▶ land, environment and food legislation,
  - ▶ marketing of agricultural products,



# Main project activities

- ▶ **Teaching activities - 4 newly created courses:**
  - ▶ Challenges and Impacts of the EU Agricultural Policy,
  - ▶ Risk Factors of the Food Chain,
  - ▶ Agri-Environmental and Food Legislation of the EU,
  - ▶ EU Agrarian Marketing



# Main project activities

## ► Challenges and Impacts of the EU Agricultural Policy

- short food supply chains (SFSCs) - the new element in the course
- SFSCs are the subject to funding through the RDP SR 2014 - 2020
- perceived as one of the possible solutions for current problems in agriculture
- short food supply chains - theoretical background (basic terms, definitions and typology), legal base (EU and national regulations, limitations and rules), opportunities for their support within the Rural Development Policy and practical requirements (technical, hygienic) on farmers for operating within short food supply chain (local retail establishment)



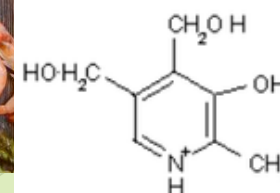


# Main project activities



## ► Risk Factors of the Food Chain

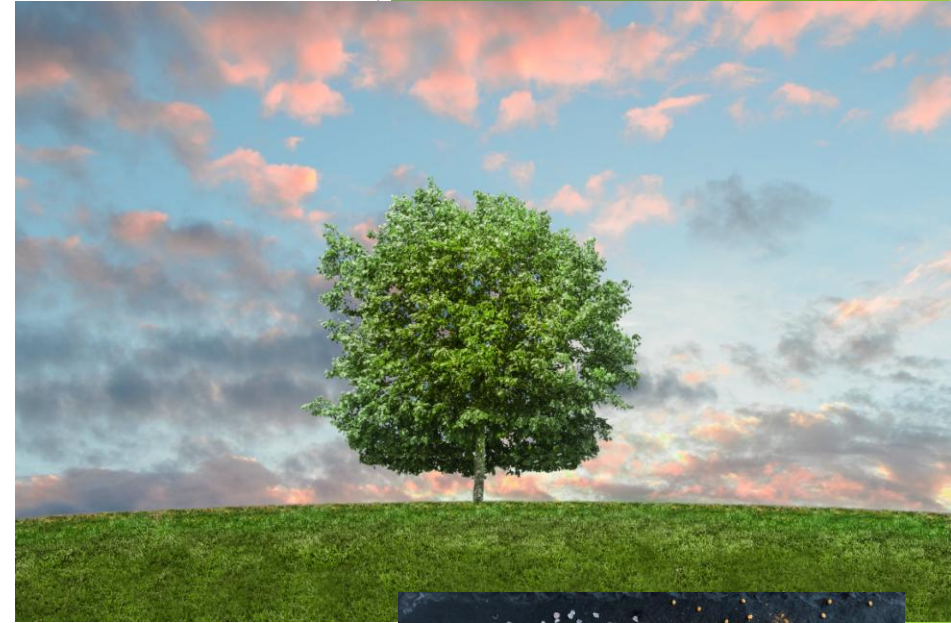
- factors affecting human and animal health in Europe in the context of the EU territory (xenobiotic {chemical} substances),
- detection risk factors related to food and feed for decreasing the food borne risks,
- measures helping to sustain food and feed quality,
- stimuli for improving the situation at local/regional/national or multinational level,
- control tools to protect human and animal health in Slovakia and EU



# Main project activities

## ► Agri-Environmental and Food Legislation of the EU

- reacts to the legal issues of EU agri-environmental policy by underlying the importance of integration of environmental considerations into Common Agricultural Policy rules in order ensure sustainable agriculture and environment,
- Agri-environmental policy, food safety policy - legal framework, implementation,
- Land law, land evidence





# Main project activities

## ► EU Agrarian Marketing

- deeper information about marketing with regarding the agrarian market specifications,
- role, importance and specifications of agrarian marketing on the Slovak and European markets,
- marketing of crop and animal production, organic farming, organic food sales



# Main project activities



## ► Research activities - the 2 main areas:

- an area of the CAP where we will focus on: current changes within the CAP and on the outline of the post-2020 period, synergies between the CAP and other EU policies, impact of the CAP regulations on direct local sale, short food supply chains
- area of risk factors in the food chain - the research will focus on: analysis of EU and Slovak legal documents in terms related to risk factors of food chain in Slovak and EU conditions; collection and ex post evaluation of data on food/feed quality and safety as well as risk factors of food chain in Slovakia and EU; data will be compared with another EU countries, resources: EFSA, State Veterinary and Food Administration of the Slovak Republic etc.



# Main project activities

## ► organising and participation at various support events

- study visit to the EC DG Agriculture and Rural Development for consulting possible development of the CAP after 2020;
- 2 roundtable debates -focused on specific selected components of the CAP, concrete requirements on implementation of the short food supply chains concept, national requirements and rules for direct sale and marketing activities and on risk factors of the food chain;
- 1 workshop - on implementation of the CAP and the concept of short food supply chains in Slovakia and other Member States will be introduced;
- 1 the conference focused on detailed perspectives of the CAP and possible support of short food supply chains in the post-2020 period, as well as on enterprise marketing activities and on risk factors in food production and distribution. It will be attended by experts from abroad, representatives of public authorities from agricultural sector and eventually representatives of farming practice;
- conferences or study visits organised abroad attended by members of the Centre of Excellence to broaden their expertise and knowledge which will be provided to students within the teaching process



# Deliverables

## WEBSITE OF THE PROJECT

- ▶ Information about the project, its objectives and activities, access to the e-learning platform.

## E - LEARNING PLATFORM

- ▶ An electronic platform for placing an interactive e - learning course.

## INTERNATIONAL CONFERENCE PROCEEDINGS

- ▶ The proceedings will gather selected scientific papers from the final international conference

## NEWSLETTER

- ▶ Newsletter will inform project target group and wide public about current development of the Centre of Excellence, its activities, events, deliverables, progress achieved and about latest news concerning the project focus areas







## Environmental Monitoring

Dashboard ► Courses in English ► Kazakh courses ► EM ► Lecture 5 ► Lecture Thesis

Turn editing on

### Table of contents

- 1 Monitoring of the level of atmospheric pollution
- 2 Sampling of ambient air
- 3 Systems of Monitoring of air quality

### Navigation

### Administration

## Lecture Thesis



### 1 Monitoring of the level of atmospheric pollution

The organization of the atmospheric pollution level monitoring in populated areas is carried out in accordance with state standards in this area. **Monitoring of the level of atmospheric pollution** is carried out at a **post** that is a place chosen in advance for this purpose (a point of terrain) in which a pavilion or a car equipped with appropriate instruments is located. The post is located on an open site, ventilated from every side (on asphalt, solid ground, lawn).

The observation posts for atmospheric air pollution (figure 5) have categories: stationary, mobile (route and sub-flare). A *stationary post* in the form of a special equipped pavilion ensures continuous registration of the content of pollutants or regular sampling of air for subsequent analysis. Among the stationary posts, basic posts are allocated to identify long-term measurements of the content of the main and most common specific pollutants. *The route post* is designed for regular air sampling in cases where it is not possible (unreasonable) to establish a post or it is necessary to study in more detail the state of air pollution in certain areas, for example, in new settlement areas. Observations on route posts (stations) are conducted using an equipped mobile laboratory. One car for a working day travels 4-5 posts in the same order, so that the detection of impurity concentrations is carried out on a regular basis. *The sub-flare post* serves for sampling under a smoke (gas) torch in order to identify the zone of influence of the emission source at points located at a defined distances from the source.



Создать новый проект

Открыть существующий проект

Справка

Файл Избранное



# Research

- ▶ **TOPICS:**
  - ▶ EUROPEAN DIMENSION OF SHORT FOOD SUPPLY CHAINS
  - ▶ RISK FACTORS AFFECTING ANIMAL AND HUMAN HEALTH
- ▶ **Resulting publications** - Scientific papers to be published in the conference proceedings and scientific journals.



# Events

- ▶ Study visits (EC DG Agriculture and Rural Development)
- ▶ Roundtables (2<sup>nd</sup> year, 1<sup>st</sup> semester and 2<sup>nd</sup> semester)
- ▶ Workshop (3<sup>rd</sup> year, 1<sup>st</sup> semester)
- ▶ Conference (3<sup>rd</sup> year, 2<sup>nd</sup> semester)
- ▶ Participation at the international scientific conferences



# Expectations

- ▶ strengthening a multidisciplinary approach in the teaching process of PhD. students, creating the '*from farm to fork*' experts (academic environment),
- ▶ attracting new students, involvement of farming practice actors - farmers, farm advisors (non-academic environment),
- ▶ new partners in education and research, contacts on experts from the farming practice and from the state administration (Ministry of Agriculture, Ministry of Environment, Veterinary and Food Administration, Environment Agency, Public Health Authority, etc.)
- ▶ infrastructural improvements - new ICT equipment for members of the CoE and their departments



# Thank you for your attention.

[Pavol.Schwarcz@uniag.sk](mailto:Pavol.Schwarcz@uniag.sk)

[Norbert.Floris@uniag.sk](mailto:Norbert.Floris@uniag.sk)

