

Agribusiness Management Research Group

The leader of the research group (name and contact details):

- **Prof. Dr. habil Csaba Bálint ILLÉS**, full professor, head of department, MBA director, vice head of institute
- Institute of Business Studies, Department of Business Economics and Management
- Office: Main building 3rd floor, Room 3009/3010
- Phone: +36-28-522-000/2009 or 2010
- E-mail: illes.b.csaba@gtk.szie.hu

Members of the research group:

- **Dr. habil Anna DUNAY** associate professor, head of programme
Dunay.Anna@gtk.szie.hu
- **Dr. Zoltán HORVÁTH** associate professor
Horvath.Zoltan@gtk.szie.hu
- **Dr. Enikő LENCSEŠ** assistant professor
Lencses.Eniko@gtk.szie.hu
- **Dr. Attila KOVÁCS** assistant professor
Kovacs.Attila@gtk.szie.hu
- **Dr. Olga MARKÓ** assistant professor
Marko.Olga@gtk.szie.hu
- **Zsuzsanna LEHOTA** lecturer
Lehota.Zsuzsanna@gtk.szie.hu
- **Emese TATÁR** lecturer
Tatar.Emese@gtk.szie.hu
- **Márton BATTAY dr.** PhD student
battay.marton@univet.hu
- **Viktor SZILI** full-time PhD student
viktor896@gmail.com
- **András József TÓTH** full-time PhD student
andras.toth@indere.hu
- **other 10-15 external experts**

Research areas:

The main research topics of the research group are focusing on the competitiveness of different agricultural sectors. Our research results confirm the decreasing tendencies of the competitiveness of Hungarian livestock sectors, particularly when compared to plant production. The members of the research group examine the Hungarian and international cattle (fattening and dairy), swine and sheep sectors. In case of plant production sectors, the main focus of our researches is related to precision farming technology. One of the possible reasons of the strengthening trends of plant production sector is derived from the increasing production rate of different energy sources of agricultural origin. In this context, our research group examines the acceptance and extension of re-usable energy sources as well as the economic impacts of precision farming technologies at farm level. Another research area is the examination of robotic milking systems in Hungary at farm level. We also conduct model calculations to predict the CO₂ load of agricultural activities at farm level.

A highlighted area of our researches is the lifecycle assessment of agricultural products in food quality and food safety aspects, by monitoring the complete farm to fork food chain,

particularly in school catering. Researches are also conducted for checking the applicability of fast microbiological and other quality control methods in school catering and in the food-retailing sector. Parallel to these researches, the knowledge and awareness of food handlers is also discussed in order to improve quality and safety, and to develop educational methods for improving the knowledge and attitudes of the employees in the food sector. A new research field of the research group is the evaluation and comparison of the corporate social responsibility (CSR) activities of agricultural producers and food processing companies in Hungary and in the Visegrad Countries.

The results of our studies are directly integrated to our subjects and educational programs and have been presented at numerous Hungarian and international conferences. The research results have been published in scientific journals, books and book chapters in English and in Hungarian. (Most of the publications are available at international scientific databases as WoS, Scopus, ScienceDirect, Wiley Online Library, REAL etc.)

We strongly co-operate with different faculties of the Szent István University and with other Hungarian and international higher educational or research institutions.

The financial background of the researches is partly covered by the research budget provided for doctoral students and by other different research funds.

Membership in professional and scientific organizations:

- public body of Hungarian Academy of Sciences;
- Committee on Agricultural Economics of Hungarian Academy of Sciences
- American Chamber of Commerce in Hungary;
- NDIF (National Deposit Insurance Fund) Scientific Consultant Forum about Deposit Insurance;
- Management and Business Administration PhD School;
- international association membership at EAAE, IAAE, IFMA, SGBED.

Membership in the editorial boards of Hungarian and international journals and book series

- Agrárgazdasági Könyvek / Agro-economic Books (Editorial Board; Research Institute of Agricultural Economics; Budapest)
- Agrárgazdasági Tanulmányok / Agro-economic Studies (Editorial Board; Research Institute of Agricultural Economics; Budapest)
- Gazdaság & Társadalon / Journal of Economy & Society (Editorial Board, Sopron)
- Polish Journal of Management Studies (Editorial Board, Czestochowa);
- Przegląd Organizacji / Journal of Organization Review (Editorial Board, Warsaw);
- Studia Mundi - Economica (Editorial Board, Gödöllő);
- Theory, Methodology, Practice (Advisory Board, Miskolc).

Successful tenders:

OTKA F-13313

Theoretical methods for economic and organizational problems of livestock sectors in the new agricultural scheme

FVM K+F (KF-4/2002)

New and integrated adaptation of operation research methods for supporting strategic decisions of family farms

PHARE-ACE (P97-8098-R)

Institutional economics in the agri-food business: How can structural policy help to integrate EU.

NKFP-4/0005/2002	Model analysis of new methods and innovation in ecologic and economic mustard production.
INCO-MED (ICA3-2000-3000; EU R&D 5 th FP)	The Impact of International Safety and Quality Standards on the Competitiveness of Mediterranean Fresh Produce (EU 5. K+F)
OTKA T 034785	Impacts of foreign capital enterprise operations in the agribusiness sector
TÁMOP-4.1.2.A/2-10/1-2010-0019; TÁMOP-4.2.2/B-10/1-2010-0011	Complex system innovation in the talent management and researcher training at Szent István University (contribution)
TÁMOP-4.2.1.B-11/2/KMR-2011-0003	Production of safe food materials (contribution)
TÁMOP-1.4.3-10/1-2F-2011	Training for ecotourism and organic farming for parents with small children (contribution)
JRC-SVQ-2012-J04-27-NC	Prospects of the farming sector and rural development in the Central Asian plane: The case of wheat production in Kazakhstan. (contribution)
IVF Project (No. 21420008)	The economic awareness of the young generation of Visegrad countries.
H2020 – SME Instrument Phase 1 (H2020-SMEINST-1-2016-2017)	Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors. (contribution)
H2020 – PERGRASS (EU proposal 773791; 2017)	Positioning Ecosystem seRvices into policy and decision-making for sustainable GRASSland farming systems. (contribution ; <i>successfully passed the first evaluation stage</i>)

Long-term co-operations

- Corvinus University of Budapest, Faculty of Business Administration, Department of Agricultural Economics and Rural Development
- Constantine the Philosopher University in Nitra, Slovakia
- Czestochowa University of Technology, Management Faculty, Czestochowa, Poland
- Ege University, Faculty of Agriculture, Department of Agricultural Economics, Izmir, Turkey
- InDeRe Institute for Food System Research and Innovation, Budapest, Hungary
- KAP-IN-FOOD Kft., , Budapest, Hungary
- Lithuania Business University of Applied Sciences, Klaipeda, Lithuania
- Mendel University in Brno, Czech Republic
- Palacky University in Olomouc, Czech Republic
- Polytechnic University, Madrid, Spain
- Sapientia Hungarian University of Transylvania (Romania)
- Slovak University of Agriculture in Nitra, Faculty of Economics and Management, Nitra, Slovakia
- University of Debrecen, Debrecen, Hungary
- University of Pannonia, Georgikon Faculty, Keszthely, Hungary
- University of Silesia, Katowice, Poland

- University of Szeged, Szeged, Hungary
- University of Veterinary Medicine, Department of Veterinary Forensics, Law and Economics, Budapest, Hungary
- University of West Hungary, Alexandre Lamfalussy Faculty of Economics, Sopron, Hungary
- Wageningen University & Research, Agricultural Economics and Rural Policy Group, Wageningen, The Netherlands

Offered activities and services

- research co-operation
- environmental research projects
- elaboration of strategic documents
- preparing business plans
- elaboration and conduction of educational programs