



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



17 PARTNERSHIPS
FOR THE GOALS



Agri-Food

Logistics

THE 4TH INTERNATIONAL FORUM ON AGRI-FOOD LOGISTICS

**Entrepreneurship, Innovations
and Technologies for Sustainable
Development of Agri-Food
Supply Chains under conditions
of uncertainty**

Poznań, Poland
June 23rd-24th, 2021

ORGANISED BY:



POZNAŃ
UNIVERSITY
OF LIFE SCIENCES



THE HISTORY

For years, the International Forum on Agri-Food Logistics has been a platform for cooperation between scientists and practitioners, enabling both the presentation of scientific research results and their discussion at regular conferences, as well as sharing experiences. The Forum is also a place for establishing scientific and business contacts.

The International Forum follows the National Conference „AGROLOGISTYKA 2012”, which was held in Poznań, Poland, in 2012. The theme of the Conference was Agri-business - The Challenge for Logistics, and it aimed to discuss contemporary trends in the development of supply chains in the food economy, including social responsibility strategies. The Conference was dedicated to the issues of the theory and practice of logistics in the food industry. It was the first conference on this subject in Poland.

Given the fact that modern food chains are global, we decided to organise an International Forum to discuss this issue. So, the 1st edition in 2014 tackled Efficient Logistics as a Chance of Efficient Consumer Response in the Agri-Food Sector, where we discussed the trust and traceability as the conditions of sustainable supply chain development.

We held the 2nd Forum under the theme of Logistics Facing Challenges of Food Security and Environmental Protection. We discussed the environmental risks, food waste and uncertainties in the turbulent global world as challenges for sustainability in agri-food supply chains (AFSCs).

The theme of the 3rd Forum, which was held in 2019, was Towards the Sustainability of Logistics in the Agri-Food Supply Chains. Some of the main issues that we raised in the forum were possibilities of reduction of CO₂ and other harmful substances emissions, traceability, and development of systems and quality standards in AFSCs.

Since 2012, the Forum hosted about 230 guests from almost all continents all over the world, i.e. Europe, Asia, North and South America, Africa, who represent the leading scientific centres of logistics and supply chains, like:

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- Organisation for Economic Co-operation and Development (OECD);
 - Cranfield School of Management, UK;
 - International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM-Bari), Italy;
 - Universidad Politécnica de Madrid (UPM), Spain;
 - Moscow State University of Technology (STANKIN), Moscow, Russia;
 - Faculty of Economics and Business, Department of Research Methodology and Statistics, University of Debrecen, Hungary;
 - IMED Business School, Brazil;
 - Federal University of Mato Grosso do Sul, Brazil;
 - Vytautas Magnus University Kaunas, Lithuania;
 - Universidad Técnica de Machala, Ecuador;
 - Universidad del Zulia, Venezuela;
 - Leon Koźmiński University, Warsaw, Poland;
 - Łukasiewicz Research Network - Institute of Logistics and Warehousing, Poznań, Poland.
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From the very beginning, the main idea of the Forum was sustainable development, and as a biennial platform, it gathers numerous experts from across the world around the Sustainable Development Goals (SDGs). Therefore, in 2021 we would like to invite you to discuss innovation and technology in this context, but also to continue the challenges of uncertainty, especially given the latest COVID-19 pandemic circumstances.

We hope that the IV Forum will contribute not only to more effective implementation of the SDGs but also to drawing up proposals for implementing the blueprints of the Agenda for Sustainable Development 2030 under the following umbrellas: People, Planet, Prosperity, Peace and Partnerships.

THEME AND BACKGROUND

The United Nations' Sustainable Development Goals (SDGs) are today the most crucial signpost of sustainable development for all economic, social and environmental operators. They also provide vital guidelines for the development of logistics in the agri-food market, which is an essential aggregate of the economies of almost all countries. Their implementation is particularly relevant to the functioning of sustainable food supply chains.

Today, the most critical objectives referred to by the activities of food supply chains is SDG 9 in linkage with SDG 17. The first one concerns building resilient infrastructure, promoting sustainable industrialisation and supporting innovation while the second challenges partnerships to achieve the goals. The primary task of supply chains in this context remains integration and cooperation, based on which innovations generate in collaboration with both suppliers and other stakeholders in the supply chain. It leads to open innovation, builds sustainable development targets and strengthens infrastructure for necessary activities within the food supply chain. It is essential to innovate and support the partners by transferring knowledge, technologies and integrate their needs and aspirations into strategies implemented within the most efficient and effective global supply chains.

To make the 2030 Agenda a reality, broad ownership of the SDGs must translate into a strong commitment by all stakeholders to implement the global goals. The Forum aims to help

facilitate this engagement by opening scientific discussion on the ways to align food supply chains practices with UN SDGs, in particular, SDG 9 in linkage with SDG 17. They embrace ISO 14001 environmental management system, strategic supply chain collaboration, supply chain integration system, supplier sustainability assessment and corporate social responsibility (CSR).

Sustainable food supply chains are a guarantee of ensuring countries' food security in terms of quantity and quality while reducing the negative impacts on the environment. The task is not an easy one. The dynamic changes in eco-systems like technological development (e.g. digitisation processes), internationalisation and globalisation of supply chains, social changes (which generate pressure for the greening of logistical operations, especially material recycling and reduction of waste) makes it even more difficult.

The conditions of uncertainty caused by the COVID-19 pandemic, even more, highlighted all the previous challenges. Its occurrence contributes to changes in the existing logistical paradigms. The changes that are taking place in global supply chains (seeking solutions for, among other things, supply disruptions, new ways and techniques of monitoring and controlling them, etc.) have provoked heated discussion both among practitioners and scientists. They jointly undertake to work out solutions that would make it possible to anticipate such situations in the future, or at least partly counteract them, or mitigate their effects.

THE 4TH INTERNATIONAL FORUM ON AGRI-FOOD LOGISTICS INVITES YOU TO SEEK SUSTAINABLE SOLUTIONS IN THE MOST URGENT NEEDS OF AGRI-FOOD CHAINS IN THE INTERNATIONAL GROUP OF SCIENTISTS.

Scientific Committee

Prof. dr hab. Bogdan Klepacki (Chair), Warsaw University of Life Sciences - SGGW, Warsaw, Poland
Dr Alfonz Antoni, Vice President of European Logistics Association, Hungary
Prof. Luis Miguel Albisu, Agro-Food Research and Technology Center of Aragón (CITA), Zaragoza, Spain
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Prof. dr. dr. h.c. Harald von Witzke, Humboldt University of Berlin, Germany
Prof. PULS dr hab. Joanna Wiśniewska-Paluszak, Poznań University of Life Sciences, Poznan, Poland
Prof. PUT dr hab. Jacek Żak, Poznań University of Technology, Poznan, Poland

MAIN TOPICS

- 1) Sustainable food supply chains
- 2) Application of new techniques and IT in supply food chain
- 3) Food losses and waste in the agribusiness sector
- 4) Agri-food clusters and their linkage with the development of innovation and sustainability principles
- 5) Legal determinants of the functioning of food supply chains
- 6) Corporate Social Responsibility in the agri-food system

POSTER SESSION

This year, we would like to promote young scientists participation. The poster session is mainly devoted to presentations of Bachelor, MSc and PhD students.

IMPORTANT DEADLINES

March 30, 2021 – Submission of extended abstracts

April 15, 2021 – Notification of abstract acceptance

April 30, 2021 – Early bird registration and payment

After April 30, 2021 – Late registration and payment

June 23-24, 2021 – International Forum days

July 15, 2021 – Full paper submission

The Conference is planned in a online form – Up-to-date information will be posted on the website - see:

„Important information”:

<http://www1.up.poznan.pl/agrifoodlogistics/en/>

Organising Committee

Dr inż. Karol Wajszczuk, (Chair), PULS, Poland

Prof. PULS dr hab. Magdalena Kozera-Kowalska, (Vice Chair), PULS, Poland

M.Sc. Alina Nowotarska - Secretary of the Conference PULS, Poland

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Mgr Krzysztof Różański, PULS, Poland

Mgr Paulina Wiza, PULS, Poland

Norbert Garbarek, PULS, Poland

CONFERENCE PROCEEDINGS

Two books are planned to be published within the Conference:

1. **Contemporary challenges of sustainable food supply chains**
2. **Legal aspects of sustainable development of food supply chains**

If you are interested in preparing a chapter, please contact the Organising Committee.

Submitted extended abstracts in English, after positive acceptance, will be published in the conference proceedings.

Please also note that it is possible to publish the full paper in one of the five journals, which partner with our Conference. These are:

AGRICULTURE

ENERGIES (SPECIAL ISSUE)

SUSTAINABILITY

EKONOMIKA I ORGANIZACJA LOGISTYKI

JOURNAL OF AGRIBUSINESS AND RURAL DEVELOPMENT

INTERCATHEDRA

The publishing of the full paper will be possible after fulfilling the requirements of the Publisher.

Detailed requirements can be found on the conference website:

Publication opportunities – please see website:

<http://www1.up.poznan.pl/agrifoodlogistics/en/publikacja/>

More information and registration form can be found on the conference website:

<http://www1.up.poznan.pl/agrifoodlogistics/en/>

Participation fee – please visit website:

<http://www1.up.poznan.pl/agrifoodlogistics/en/platnosci/>

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