

Education/Research/Industry interfaces towards the Innovation of the Food Sector: the ISEKI_Food Network Approach

Semih Ötleş¹, Ferruh Erdoğan², Fahrettin Göğüş³, Paola Pittia⁴, Cristina L.M. Silva⁵, Gerhard Schleining⁶

¹ Ege University, Food Engineering Department, Bornova, Izmir, Turkey

² Mersin University, Food Engineering Department, Mersin, Turkey

³ Gaziantep University, Food Engineering Department, Gaziantep, Turkey

⁴ University of Teramo, Department of Food Science, Mosciano S. Angelo, Via C.R. Lerici 1, Italy

⁵ Catholic University of Portugal, College of Biotechnology (ESB), Regional Center of Porto, Rua Dr. António Bernardino de Almeida 4200-072, Porto, Portugal

⁶ University of Natural Resources and Life Sciences Vienna (BOKU), Department of Food Science and Technology, Muthgasse 18, A-1190 Vienna, Austria

ISEKI-Food was designed as a network of University and Research Institutions, Professional and Students Associations, and Industrial partners to foster collaboration. Several European and global academic networks projects received funding between 1998 and 2011 from the European Commission and currently the ISEKI_Food 4 (2011-2014, www.iseki-food4.eu) and Track_Fast (2009-2013, www.track-fast.eu) projects are ongoing. To ensure the sustainability of the network activities the ISEKI-Food Association (www.iseki-food.net) was founded in 2005.

The main objectives of the network are to contribute to the Higher Education Area by internationalization, enhancement of food studies quality and fostering of innovative developments of the entire food sector.

ISEKI_Food-4: Towards the innovation of the Food Chain through the modernisation of Food Studies - IFOOD4-

AIMS:

Development of a framework of stakeholders to lead innovation in Food studies education & training fitting enterprises' needs, promoting innovation in the FS&T academic sector, and supporting the EU Food studies internationalization:

- Education modernization: training and FS&T courses.
- Implementation of the labour market role in the 3rd level of education and promoting the employability & entrepreneurship of the FS&T graduates and food professionals.
- Lecturing qualification: FS&T teaching staff

THE NETWORK:

89 partners: 86 partners from 27 European eligible countries (69 HE institutions – universities or as associations, 6 Food-related Associations, 7 Research Organizations and 2 private consultancy and services agencies) and 3 partners from non-European countries (HE institutions; Brazil, Israel, USA)
It includes also 43 associated partners from countries of the five continents

LLP Erasmus Academic Network 51815-LLP1-2011-1-IT-ERAMUS-EW
Coordinator: Prof. Paola Pittia, ppittia@unite.it
<http://www.iseki-food4.eu/>

Training Requirements and Careers for Knowledge-based Food Science and Technology in Europe

AIMS:

“Identification of the training and career requirements of future European food scientists and technologists (FST), and implementation of a European strategy to recruit the next generation FST leaders”.

TRACK_FAST will achieve this goal through:

- Identification and definition of personal skills requirements in food job market
- Developments for the regulation of food science and technology professions in Europe.
- Establishment of a framework for continual professional training and career development for the FST professional.
- Motivation of young people to enter and pursue of a career in food science and technology in Europe.

FP7 KBBE 227220 project

Coordinator: Cristina L. Silva, clsilva@porto.ucp.pt
<https://www.trackfast.eu/>



www.foodgalaxy.eu



www.foodcareers.eu

ISEKI-Food Association (IFA)

IFA is an independent European non-profit organisation, founded in 2005 as an outcome of 10 years of Thematic Network activities for all stakeholders in the food supply chain with regard to education, research, legislation and communication.

IFA is a platform for:

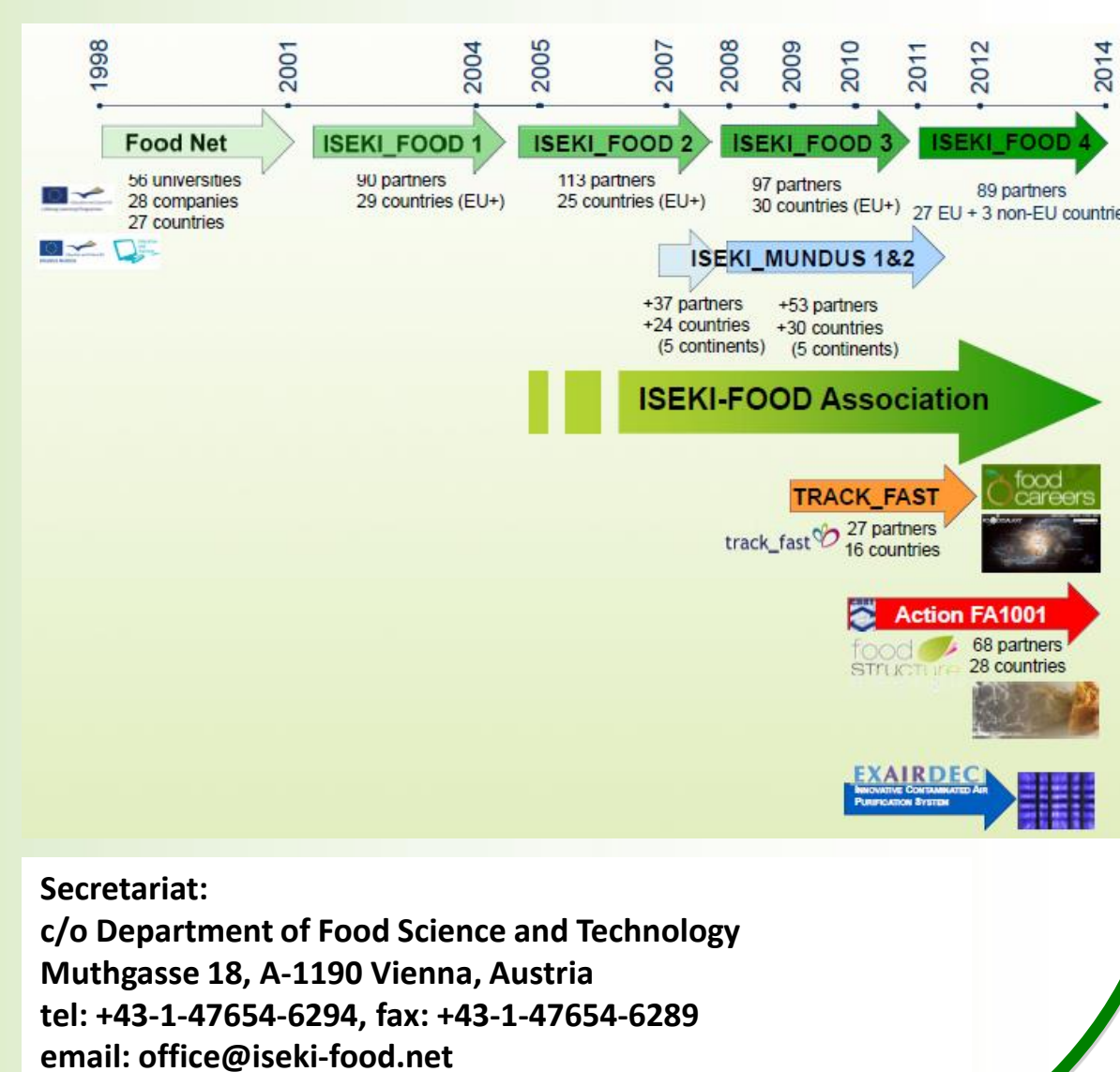


promoting synergies between research, education and industry

AIMS:

- tuning and accreditation of food study programmes
- developing teaching materials and teaching methods
- promoting synergies between research, education and industry
- development of a virtual community of experts for communicating with the general public.

<http://iseki-food.net>



EQAS-Food Award: European Quality Assurance System for Food Study Programmes



www.iseki-food-ejournal.com



ISEKI Food 4
Towards the innovation of the food chain through the modernization of Food Studies

The main objectives of the ISEKI_Food-4 academic network are:

- To investigate the education and training of Food Science and Technology (FST) students
- To implement soft and personal skills to produce the FST professionals of the future and to implement the role of the third level of education
- To create a framework offering a lecturing qualification for university teaching staff

This project will foster innovative developments, enhance the quality of Food Studies and improve the international attractiveness of European higher education via activities in the following areas:

- Virtual platform including information, databases and teaching materials to implement and upgrade courses in Food Science and Technology and all its related disciplines
- Development of a lecturing qualification framework for the lecturers in Food-related disciplines
- Light courses aimed for lecturing qualification
- Innovative teaching materials including a learning tool and prototype virtual laboratories
- Use of the virtual Food Science Hub
- Organization of a concluding international conference (ISEKI_Food conference)

The ISEKI_Food 4 project network currently has 89 partners from 27 EU countries and 3 non-European countries.

Project duration: 1st October 2011 - 30th September 2014

www.iseki-food4.eu