



ISEKI_Mundus & ISEKI_Mundus 2 Attractiveness projects

ISEKI_MUNDUS - Integrating Safety and Environment Knowledge In World Food Studies

ISEKI_Mundus 2 - Internationalization and Sustainability of ISEKI_Food Network

Parallel Working Group:

1) *Ecological and agricultural aspects of Climate Change*

Cristina L.M. Silva

Escola Superior de Biotecnologia
Universidade Católica Portuguesa



CATÓLICA
UNIVERSIDADE CATÓLICA PORTUGUESA
ESCOLA SUPERIOR DE BIOTECNOLOGIA

The History!



Augusto Medina
SPI, Portugal
(1988)



(10/98 - 09/01)



Elisabeth Dumoulin
Agroparitech,
France



(2002 - 2005)



Cristina Silva
ESB-UCP, Portugal



(2007 - 2008)



(2005 - 2008)



(2009 - 2011)



(2009 - 2011)

<http://www.iseki-food.eu/>

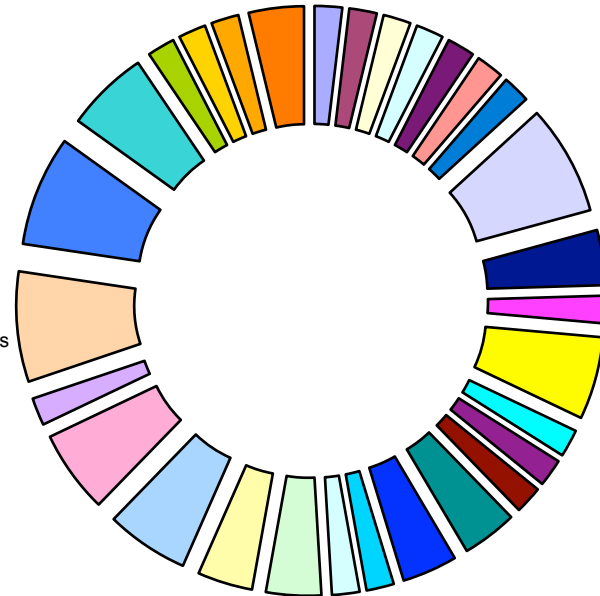
Partners distribution

95 partners
30 countries

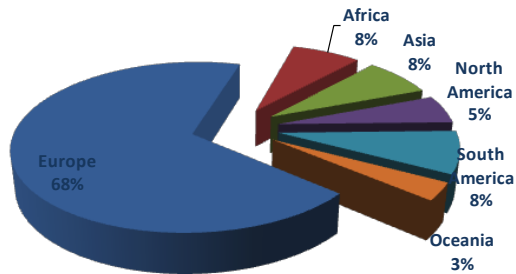


- Austria
- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- Germany
- Denmark
- Spain
- Finland
- France
- Greece
- Hungary
- Ireland
- Iceland
- Italy
- Lithuania
- Latvia
- Malta
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Sweden
- Slovenia
- Slovakia
- Turkey
- United Kingdom
- Russia (Russian Federation)
- Ukraine

53 partners
30 countries



- Armenia
- Botswana
- Cameroon
- Dem. Rep of Congo
- Morocco
- Mozambique
- South Africa
- Tunisia
- China
- India
- Indonesia
- Israel
- Lebanon
- Mongolia
- Thailand
- Croatia
- Russia (Russian Federation)
- Serbia
- Ukraine
- Canada
- United States
- Mexico
- Australia
- New Zealand
- Argentina
- Brazil
- Chile
- Colombia
- Ecuador
- Peru



Objectives of ISEKI_Food 3 and ISEKI_Mundus 2

- ✓ Creation of a **Virtual Networking Environment (VNE)**;
- ✓ The European **Quality Assurance System** for Food Study Programmes (**EQAS_Food**);
- ✓ Facilitating / Promoting / Fostering **Lifelong Learning** in Higher Education: Employability Aligned Curricula and Accreditation of Prior Experimental Learning (**APEL**);
- ✓ **Innovation** in Food Study materials;
- ✓ Development of a **Platform for the International Cooperation** And Mobility in the field of Food (**PICAM_Food**) and
- ✓ The **exploitation of network results** through the ISEKI-Food Association (IFA)

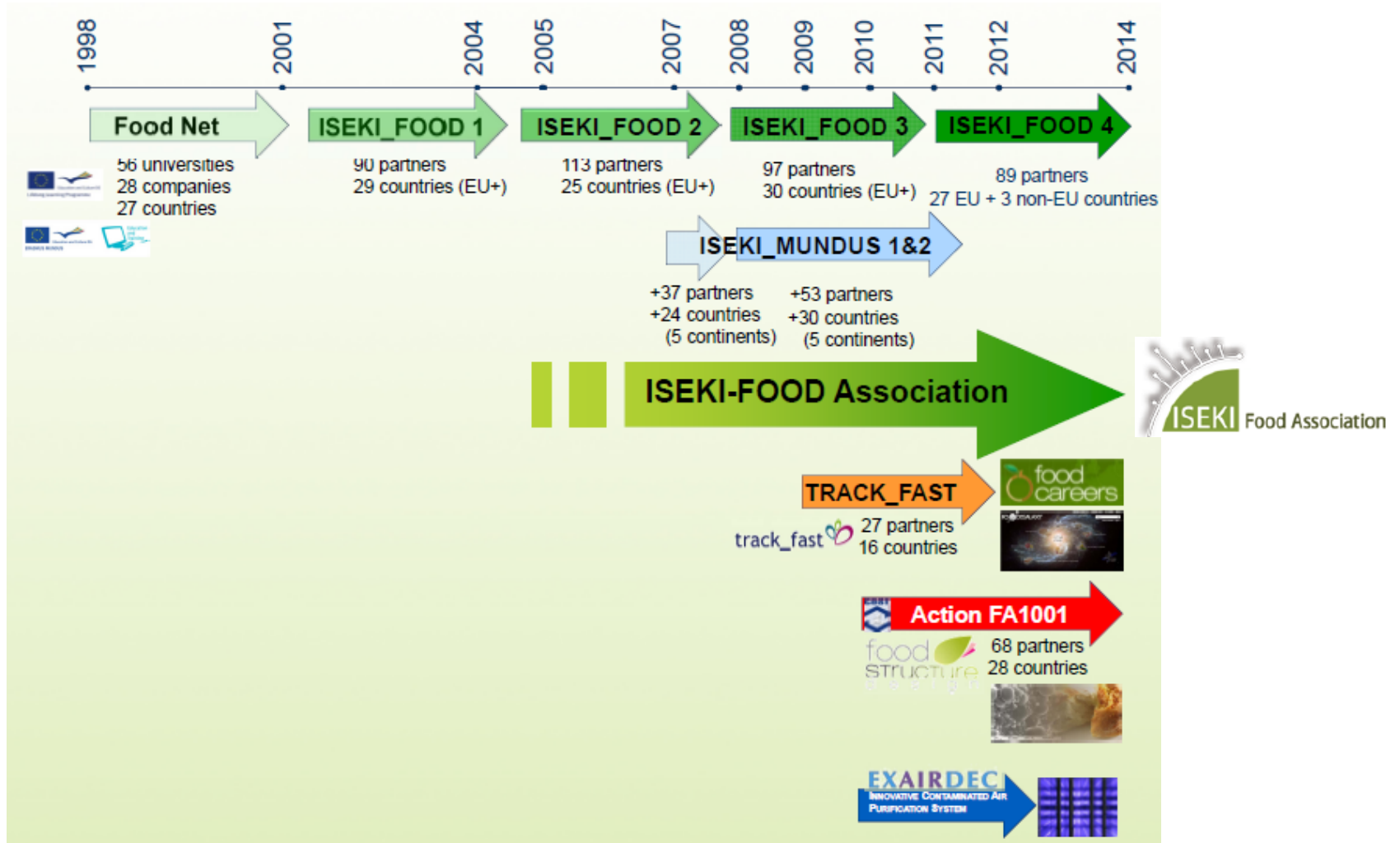
Connection to Climate Change and Sustainable Solutions

- ✓ Books: **Utilization of By-Products and Treatment of Waste in the Food Industry & Case Studies in Food Safety and Environmental Health**



- ✓ E-learning course: [Residue Processing for a Sustainable Food Industry](#);
- ✓ Webinars: e.g.:
[Recovery & reutilization of high added-value compounds from food wastes](#) ;
- ✓ Database of teaching materials: **environmental engineering.**

Sustainability of the network

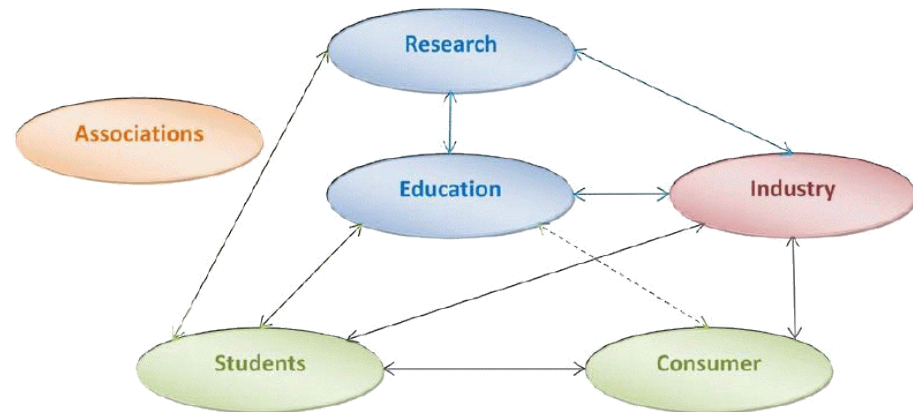


WHAT IS ISEKI-FOOD ASSOCIATION ?

is a platform for:



promoting synergies between research, education and industry

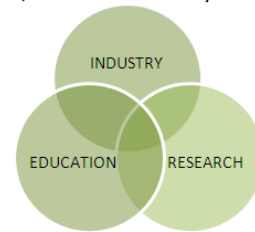


individual and company member:

30 European and 31 non European countries
226 individual and 36 companies

AIMS OF THE ASSOCIATION

- tuning and accreditation of **food study programs**
- developing **teaching materials** and **teaching methods**: *e-learning, webinars, databases, workshops*
- promoting synergies between **research, education and industry**: *e-journal; international conference*
- development of a **virtual community of experts** for communicating with the general public



- establishing of a framework of agreements among partners, fostering the **mobility** of students and staff stimulating **the development of joint projects**
- Attracting young people: Websites for secondary schools
- Portfolio for professional development

General Information

- ▣ About us
- ▣ Members
- ▣ Membership application
 - Sign up
 - ISEKI Academy
 - News
- ▣ Events
- ▣ Special Interest Groups
 - SIG 1: Food Structure
 - ▣ SIG 2: Bionanotechnology
 - SIG 3: Networking
 - SIG 4: Bioactive Compounds
- Subsection Indonesia
- International Journal of Food Studies (IJFS)
- Links
- ▣ Blackboard
 - business opportunities
 - Job applications
 - Job offers
- Contact

Welcome to IFA!


The ISEKI-Food Association (IFA) is an independent European non-profit organisation, established in 2005 by university institutions, research institutes, companies and associations related to food, coming from all over the world. IFA has been granted **consultative status** with **UNIDO** in December 2010 and is founding member of **EASPA** (Nov. 2011, **Statutes**).

To see more specific information for different categories of stakeholders in the food area click on one of the following icons:




www.iseki-food.net/

Newsletter

Subscribe or unsubscribe to IFA eNews

Email: *

 The **EQAS Food Award**: ISEKI's European Quality Accreditation System for Food Studies Pogrammes accredits high quality first and second cycle food studies programmes of any higher education system, European or International. For

OPPORTUNITIES, CHALLENGES AND INSTITUTIONS BENEFITS

Opportunities

- Networking / cooperation
- Expose to the International academic activity
- International recognition for the institution
- Increase mobility
- Expose to Quality Assurance
- Exchange new Technology program, teaching material



Challenges

- Funding budget for maintaining activity/management
- Each government should provide budget
- Search funding through some agencies (stake holder/industry)
- Maintaining a group of people in the university who are committed and innovative to the program
- Braindrain as a result of partnership and global employment



Institutional Benefit

- Gaining international experiences, exchange knowledge
- Accreditation by national agencies
- Increase expert network around the world
- Open international career opportunities for academics
- Handling global issues that could give impact on world safety and welfare
- Dissemination of the latest food technology studies
- Tuning curricula and improving teaching materials and teaching methods (e-learning)

LESSONS LEARNED

Challenges

- Coordination of a large partnership
- Avoid “sleeping” partners; even if it went well
- Large administrative work (*e.g. records of employment*)
- Travel and visa arrangements
- Need for a large support from coordinator institution
- Good management of limited program grant (*action 3 – Thematic Network*)



Benefits

- International recognition of European food studies and institutions
- Gradual trust between partners → *bilateral agreements, joined projects; exchange of students and staff*
- Extension of ISEKI_Food Association worldwide; *e.g. subsection in Indonesia*
- Recognition of the work worldwide; *e.g. at last IUFoST conference*



Conclusions

- Good support from EACAE
- Get financing for sustainability
- The network is sustainable in terms of human resources
- A good team of people nowadays working in Europe; however limited human resources for needed activities and requests



Erasmus Mundus Workshop on Climate Change and Sustainable Solutions
Brussels, October 3-4, 2012



ERASMUS MUNDUS

Education and Culture DG