SELAMAT: EU-ASEM cooperation on Food Safety

Dr. Hans Marvin,
RIKILT- Institute of Food Safety

(10th ASEAN Food Conference 2007, August 21-23, 2007, Kuala Lumpur, Malaysia)
Outline

- Introduction to SELAMAT
- Objectives and structure
- Results/ performed activities in the first 2.5 years
- Introduction to GO-GLOBAL
- Plans in GO-GLOBAL
ASEM Science and Technology Ministers’
Beijing 1999

ASEM: Asia – Europe meeting
Process of cooperation between 15 European member states, the European Commission and 10 Asian countries

Development of a ASEM Food Safety Platform
ASEM workshop on Agrofood Bioethics, (June 2002, Kuala Lumpur, Malaysia)

Identified subjects of mutual interest in relation to research, training and trade in 3 domains:

- Certification and Normalisation (i.e. exchange of methods, new detection methods, risk assessment)
- Sustainable Production Systems for Food Safety (unintended effects, public perception, transparency)
- Trade issues (i.e. market stability, traceability along the whole food chain [GM and organic])
Submitted a proposal (SELAMAT) EU FP 6 aiming at:

- Cooperation EU – Asia on food safety
- Exchange knowledge generated in FP 6
- Capacity building
- Set research agenda
Safety enhancement of Edible products, Legislation, Analysis and Management, with ASEM countries, by mutual Training & research

Acronym: SELAMAT
SELAMAT: general information

- Type of Project: *Specific Support Action (SSA)*
- Overall coordinator: *Dr. H.J.P. Marvin (RIKILT)*
- Period: *Aug 2004-July 2008*
- Budget: *597,000 € EU contribution*
Contract partners of SELAMAT

- Dr. Hans Marvin, RIKILT- Institute of Food Safety, the Netherlands
- Prof. Dr. John Gilbert, Central Science Laboratory (CSL), United Kingdom
- Prof. Dr. Manuel Carrondo, Institute of Experimental and Technological Biology (IBET), Portugal
- Dr. Yufa Peng, Institute of Plant Protection, Chinese Academy of Agricultural Science (IPP-CAAS), China
- Ministry of Health, Malaysia will become contract partner (soon)

Secretariat: Piet Stouten; RIKILT – Institute of Food Safety
SELAMAT objectives

The overall aim:
- To create a permanent network for international cooperation on food safety issues between Europe and ASEM.

This Network aims to:
- Promote European and Asian collaboration on food safety issues
- Contribute opening up the European Research Area
- Mobilise the European and Asian Research Communities to support Communities and Asian foreign and development policies
- Develop common research agenda and initiate joint initiatives
ASEMK Food Safety Platform

SELAMAT

Impact of food on health

Traceability processes along the food production chain

Methods of analysis, detection and control

ASEMB Food Safety Platform

EU Food Safety Platform

Coordinating Team
Netherlands, United Kingdom, Portugal, China, Malaysia

ASIAN Food Safety Platform

Impact of food on health

Traceability processes along the food production chain

Methods of analysis, detection and control

Training & Mobility / Capacity building / IPR
SELAMAT activities:

1. Set up the network
2. Organise one workshop per year
3. Organise one course on food safety per year
4. Set up a web based transfer point for food safety standards/regulation
5. Develop a common research agenda
6. Initiate joint research
SELAMAT activities:

1. Set up the network
2. Organise one workshop per year
3. Organise one course on food safety per year
4. Set up a web based transfer point for food safety standards/regulation
5. Develop a common research agenda
6. Initiate joint research
1. **China**: Institute of Plant Protection
2. **Malaysia**: Ministry of Health, University Putra Malaysia
3. **Republic of Korea**: Korea Food Research Institute, Korea Food & Drug Administration
4. **Indonesia**: National Agency for Drug and Food Control
5. **Thailand**: National Food Institute, Laboratory Center for Food and Agricultural Products Co.
6. **Vietnam**: Food Administration, Ministry of Health
7. **Japan**: National Food Research Institute
8. **Taiwan**: Ministry of Health
9. **Philippines**: National Food Authority
10. **ILSI SEA Region**: Food Safety Task Force
SELAMAT: Food Safety Network

EU-ASEM Food Safety Platform with the following characteristics

• Direct access to top experts on many expertise fields in EU and Asia
• Influence in research agenda setting
• Political influence
• Easy access to outcomes of EU frame work programs and ASEM counterpart
• Means to extend existing network
• Discuss “sensitive information” informally
SELAMAT activities:

1. Set up the network
   - Organise one workshop per year
   - Organise one course on food safety per year
2. Set up a web based transfer point for food safety standards/regulation
3. Develop a common research agenda
4. Initiate joint research
SELAMAT training courses and workshops

**Workshops**
- EU-Asia cooperation on Food Safety: a strategy forward (Lisbon, Portugal, 11-12 April 2005)
- Foresight on Food Safety collaboration between EU and ASEM countries (Seoul, Republic of Korea, 24-26 April 2006)

**Training courses**
- Quantitative risk assessment (Bangkok, Thailand, 17-18 November 2005)
- Pesticide residue analysis (Bangkok, Thailand, 5-7 July 2006)
- Mycotoxin training course (Beijing, China, 11-13 December 2006)
QUANTITATIVE RISK ASSESSMENT TRAINING COURSE, Thailand

1. Open Seminar with 120 participants
2. Hands-on training with 20 participants
SELAMAT activities:

1. Set up the network
2. Organise one workshop per year
3. Organise one course on food safety per year
4. Set up a web based transfer point for food safety standards/ regulation
5. Develop a common research agenda
6. Initiate joint research
Food Safety Legislation Database

Search on country, subject and type of information

Results:
- Websites containing data on food safety regulations worldwide
- Links to the information and descriptions where to find the information
- Details about the presented information
Food Safety Legislation Database

- Countries: European and Asian countries. Other countries will be added later on. EU, ASEAN and CODEX are included as groups.
- Subjects: pesticides, additives, contaminants, veterinary drugs etc.
- Information types: MRLs, Legislation documents, General information. To be extended with sampling, methods of analysis etc.
Selamat Legislation database

Searchable database with information about and links to different types of information about food legislation and MRLs

This database will be available on the Selamat website.

Additional services that will be provided in the near future:

• Extended search function
• Access to database on analytical methods
• Access to help desk function
• Access to list of accredited laboratories
SELAMAT activities:

1. Set up the network
2. Organise one workshop per year
3. Organise one course on food safety per year
4. Set up a web based transfer point for food safety standards/ regulation
5. Develop a common research agenda => (published in *Food Science & Technology (2007) 21, pp 27-29*)
6. Initiate joint research
SELAMAT Food Safety overview

Identified issues of common interest within ASEM countries and / or between ASEM countries and EU

- Information exchange on the topics i) Analytical methods, ii) MRLs and contaminant limits, iii) Dietary supplement database and iv) rapid alert information.

- ASEM-EU collaboration further stimulated by i) coordination in the Region, ii) strengthening networks and iii) capacity building.

- Development of improved traceability systems.

- Research projects on i) mycotoxins, ii) antibiotic resistance, iii) development of quick assays (for pathogens), iv) aquaculture, v) quantitative microbiological risk assessment for pathogens, vi) alternatives to banned / prohibited substances in food production
SELAMAT Dissemination

Website

WWW.SELAMAT.net
(highly visible (1st page on Google), 2260 hits/month)

Flyers

(3 flyers; 7 languages: Malay, Japanese, Chinese, Thai, Korean, Spanish, Portuguese)

TV, lectures and journals

(e.g. Food Science & Technology)
SELAMAT activities:

1. Set up the network
2. Organise one workshop per year
3. Organise one course on food safety per year
4. Set up a web based transfer point for food safety standards/regulation
5. Develop a common research agenda
6. Initiate joint research
Extend the SELAMAT network to Global dimensions

- SELAMAT meeting in Lisbon, Portugal (11-12 April 2005) we decided to prepare an EU proposal on Global Platform for Emerging Food Safety Risks
- Interested SELAMAT partners; RIKILT (coordinator), CSL, LCFA, ILSI SEA Region, IPP-CAAS
- Submission date: 7 February 2006
- Evaluation: March 2006

Proposal GO-GLOBAL selected and started December 1 2006
Short overview of GO-GLOBAL

**General Information**

**Full title:** Global Platform on EMERGING Risks in the Food and Feed Chain  
**Type of project:** Specific Support action (SSA)  
**Budget:** 800 keuro  
**Duration:** 1/12/06 – 31/05/09 (30 months)  
**Project Partners**

1. RIKILT (coordinator), WU and VWA (platform coordinator), the Netherlands  
2. CSL, United Kingdom  
3. Tubitak-ATAL, Turkey  
4. SECyT, Argentina  
5. LCFA, Thailand  
6. INBI, Russia  
7. NZ-CFR, New Zealand
## GO-GLOBAL Platform members

<table>
<thead>
<tr>
<th>Member</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VWA</td>
<td>the Dutch Food and Consumer Product Safety Authority (Dr. Hub Neteboom, Dr. Wim Doms)</td>
</tr>
<tr>
<td>EFSA</td>
<td>European Food Safety Authority (Dr. Juliane Klemmer, Dr. Daniele Mauriti)</td>
</tr>
<tr>
<td>CRF</td>
<td>Crop &amp; Food Research - AUSTRALIA (Dr. Peter Nanson)</td>
</tr>
<tr>
<td>NFTNC</td>
<td>The National Food Technology Research Centre - BOTSWANA (Dr. Alexander Mosha)</td>
</tr>
<tr>
<td>INFSAN-WHO</td>
<td>International Food Safety Authorities Network - EUROPE (Dr. Margareth Millar)</td>
</tr>
<tr>
<td>FAO</td>
<td>The Food and Agriculture Organization - UNITED NATIONS (Dr. Maya Penaio)</td>
</tr>
<tr>
<td>FDA/CPSAN</td>
<td>Center for Food Safety and Applied Nutrition, Food and Drug Administration - USA (Dr. Elizabeth Galway)</td>
</tr>
<tr>
<td>ILSI SEA Region</td>
<td>The International Life Sciences Institute - CHINA (Dr. Baek-Yeo Yeong)</td>
</tr>
<tr>
<td>SELAMAT</td>
<td>A Food Safety Platform between EU and ASEAN countries (Prof. Yufa Pong)</td>
</tr>
<tr>
<td>ALCOFOOD</td>
<td>An innovative networking platform for EU-Latin America partnership in R&amp;D on food quality and safety (Dr. Eugenia Muchimi)</td>
</tr>
<tr>
<td>IPP-CAAS</td>
<td>Institute of Plant Protection, Academy of Agricultural Science - CHINA (Prof. Yufa Pong, Dr. Julian Cheng)</td>
</tr>
<tr>
<td>CFTRI</td>
<td>Central Food Technological Research Institute - INDIA (Dr. V. Prakash)</td>
</tr>
<tr>
<td>FDB</td>
<td>The Food and Drugs Board - GHANA (Dr. Roderick Daddey-edges)</td>
</tr>
<tr>
<td>ETP</td>
<td>European Technology Platform on Food for Life - EUROPE (Dr. Herman Hofstra)</td>
</tr>
<tr>
<td>GO-GLOBAL objectives</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td></td>
</tr>
<tr>
<td>1. To create a <em>sustainable global platform</em> for sharing results, stimulating dissemination and setting the research agenda on <strong>emerging food safety risks</strong>.</td>
<td></td>
</tr>
<tr>
<td>2. To develop a <em>global implementation and harmonisation strategy</em> for evaluation of research and related activities.</td>
<td></td>
</tr>
<tr>
<td>3. To identify <em>shortcomings in current food safety systems</em> regarding the identification of emerging risks.</td>
<td></td>
</tr>
<tr>
<td>4. To develop a <em>strategic research agenda</em>, and initiate joint research activities.</td>
<td></td>
</tr>
<tr>
<td>5. To stimulate <em>global exchange of information</em> and dissemination of emerging food safety issues.</td>
<td></td>
</tr>
</tbody>
</table>
GO-GLOBAL, a global platform on emerging risks in the food and feed chain

The overall objective of GO-GLOBAL is to tackle food safety problems effectively at an early stage and on a worldwide scale. By creating a comprehensive network of expertise on emerging risks in the food and feed chain, the GO-GLOBAL project aims to promote international cooperation and communication on food safety issues between authorities, researchers and industry.

Objectives

1. To create a sustainable global platform for sharing results, stimulating dissemination and setting the research agenda on emerging food safety risks.
2. To develop a global implementation and harmonisation strategy for evaluation of research and related activities.
3. To identify shortcomings in current food safety systems regarding the identification of emerging risks.
4. To develop a strategic research agenda, and initiate joint research activities.
5. To stimulate global exchange of information and dissemination of emerging food safety issues.

Who are involved?

Global platforms: IFOSAN-WHO, FAO
European platforms: ETP, ESFA
National: RIKILT, WUR, VWA (The Netherlands), CSL (United Kingdom),
Asian platforms: ILPSA
National: LCPA (Thailand), TUBITAK (Turkey), SELAMAT (China), CFTRI (India)
American platforms: FDA/CPHSAN
National: SECyT (Argentina), ALCUEFOOD (China)
Africa, National: Food and drugs Board (Ghana), NFTRC (Botswana)
Australia, National: NZ-CPR (New Zealand), CFR (Australia)
Thank you for your attention