



Activity Title and Number: Application of models in risk assessment (study assignment); A337-C3

Beneficiary: Ministry of Agriculture (MOA)

Location and Date: Germany; August 18-29, 2014.

Stakeholders: Agriculture producers and processor associations, Academic institutions

Brief Activity Report

Relevance and Impact

The EU has one of the highest food safety standards in the world, and a stable risk assessment system has been one of the main pillars to ensure these high standards are maintained. The Chinese Animal Health and Epidemiology Center (CAHEC) of MOA is one of the key national centers for risk assessment. In 2012, CAHEC requested EU technical assistance to enhance its capacity in developing standard reviews based on sound risk assessment and regulations to ensure food safety in China. In 2013, The German Federal Institute for Risk Analysis (BfR) signed an MOU with CAHEC to cooperate in the area of risk assessment of agricultural products.

Under the auspices of the CAHEC-BfR MOU, and as a follow-up of activities of A301C3 and A304C3, EUCTPII organised a study assignment to enhance CAHEC's capacity on risk assessment and to promote sustainable cooperation between CAHEC and the German Federal Institute for Risk Analysis (BfR). This activity supports the efforts of the Chinese government in developing and enforcing food safety policies.

Activity Description

Four Chinese delegates from CAHEC participated in the two-week study assignment in the BfR Summer School on Risk Assessment and Risk Communication in Food Safety in Berlin, Germany. Participants also visited the German Federal Research Institute for Animal Health, Friederich Loeffler Institute (FLI). The main themes for this activity were:



Participants after completing the BfR summer school on risk assessment in Berlin.

- Introduction to Risk Assessment and Risk Communication
- Foodborne Infections, Food Hygiene, and legal aspects
- Exposure Assessment: Methods and Models
- Principles of Data Generation for Assessments, Uncertainty Analyses, Carcinogenesis
- Microbial Aspects, Visit of BfR Laboratories
- Introduction to Hazard Identification and Hazard Characterization
- Risk Assessment Workshop on Chemical Risk Assessment
- Risk Assessment Workshop on Cadmium/ Arsenic in Food
- Risk Assessment Workshop on Food Contamination by Plasticisers

Results and Dissemination

- ✓ The participants enhanced their knowledge and skills on Risk Assessment and Risk Communication in Food Safety
- ✓ The Chinese delegation established professional links with German Federal Research Institute for Animal Health, Friederich Loeffler Institute (FLI)
- ✓ CAHEC's and BfR experts made preliminary preparations for future training on risk analysis activities in Qingdao.