

【Name of the institution】

Graduate School of Agricultural Science, Kobe University

【Project title】

Practical Training Program of Young Researchers for Strategic Bioresource Utilization and Preservation Aiming at Match-Making between EU and Asia to avoid Food Crisis

【Project outline】

To avoid global food crisis, it is crucial to establish multidimensional cooperation among specialists in the three fields of food, environment, and health/life. This program aims to foster highly capable young researchers with global perspectives. Researchers will acquire: knowledge and skills in the preservation of bioresources (i.e. animals and plants) and environmental resources required for stable food production; as well as problem-solving skills in food safety issues (e.g. BSE and GMO) and international food security issues through the training processes conducted in the EU and Asia.

The program will be conducted in the following three stages:

- 1) Preliminary Survey in Asia: Survey study objectives at institutions in Asia to raise awareness of the issues related to this program
- 2) Training in the EU: Study international agricultural strategies and international cooperation methods in the EU, taking full advantage of its forefront research in the fields related to this program, as well as its experience of institutional regional integration.
- 3) Training in Asia: Put the knowledge and skills acquired through the training in the EU into practice for agricultural education and research in Asian institutions.

Researchers will undergo the following training processes according to their levels:

- 1) 2nd year doctoral students: Training in the EU with the primary aim of enhancing the skills in written and oral research presentation in the English language.
- 2) 3rd year doctoral students: Training in Asia with the primary aim of completing a doctoral thesis in English on a theme related to international agricultural strategies.
- 3) Post-doctoral researchers and assistant professors: Accompany doctoral students in all three stages of this program with the primary aim to enhance capacity to provide students with more effective guidance in international joint research, and to play leadership roles in international research teams.

This program also features a collaboration with Kyushu University's Graduate School of Bioresource and Bioenvironmental Sciences. Supported by strong ties both universities have with the EU and Asia, this collaboration is expected to firmly enhance the effectiveness of this program.

【Cooperating University】

Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University

【Overseas partner institutions】

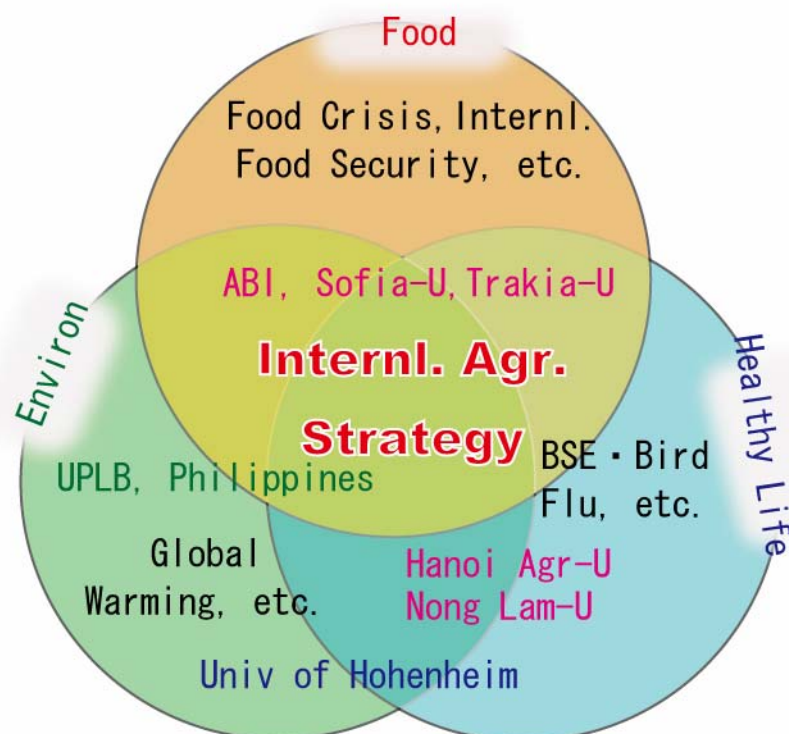
The collaborating institutions in EU are as follows:

- 1) Faculty of Agricultural Sciences in University of Hohenheim, Stuttgart, Germany
- 2) Agro Bio Institute, Sofia, Bulgaria
- 3) Faculty of Biology, Sofia University, Sofia, Bulgaria
- 4) Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria

The collaborating institutions in Asia are as follows:

- 1) Hanoi Agricultural University, Hanoi, Vietnam
- 2) Nong Lam University, Hochiminh City, Vietnam
- 3) College of Agriculture, University of the Philippines, Los Banos, Philippines

【Scheme】



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