Development of the APEC Information Platform on Food Security

Purpose: Information
Submitted by: Japan
Overview (1)

- Each APEC economy owns useful information on best practices, experiences of projects and research results as a means to improve its own food security.

- Although some pieces of information are available on the website, they are rarely utilized by other economies due to the lack of awareness and language barrier.
Overview (2)

With a view to overcoming these barriers, the Information Platform (IP) provides a portal website which brings together relevant information on food security and facilitates information exchange among economies.

Main Functions (1)

As a portal website, the IP compiles information on food security gathered from member economies and APEC Secretariat.

(Contents of Information, including other than APEC)
- Best Practices
- Outcomes of Projects and Programs
- Research Results
- Statistics of economies
- Recent News related to food security in the region
Main Functions (2)

- The IP has links to existing related databases.
  (Example of Web Links)
  - FAOSTAT,
  - AFSIS (ASEAN Food Security Information System),
  - WASDE (The World Agriculture Supply and Demand Estimates) of USDA,
  - FAPRI (The Food and Agricultural Policy Research Institute)
  - World Bank, Asian Development Bank, OECD
  - Related Ministries of economies, etc.

Main Functions (3)

- The IP has bulletin board system and online meeting room for users to be able to exchange information and opinions each other.
- The IP provides a search engine for users to be able to find necessary information easily.
- The IP is basically an open system where users can freely access the information.
  (The access to some information can be limited for the APEC registered-officials, based on the requests from economies.)
Categorization of Information for Best practices, Outcomes of Projects and Research

- Information will be organized by category, crop and economy.
- The category will be decided and enlarged step by step in accordance with gathered information.

(Example)

< Structure of Category 1 >

1. Sustainable Agricultural Development
   (1) Techniques of agricultural production
   (2) Natural resources management
   (3) Post-Harvest
   (4) Disaster preparedness
   (5) Transboundary animal & plant diseases
   (6) Rural community development
   (7) Climate change, etc.
2. Facilitation of Investment, Trade and Markets
   (1) Promoting Investment
   (2) Facilitating Trade
   (3) Strengthening confidence in markets
   (4) Agribusiness environment
   (5) Food safety, etc.

<Subcategory>
1-(5) Transboundary animal & plant diseases
   ➢ Plant pest surveillance
   ➢ Avian influenza
   ➢ Foot and mouth disease
   ➢ Fumigation technique
   ➢ Phytosanitary risk management, etc.
1-(7) Climate change

- Reduction of greenhouse gas emission in agricultural sector
- Adaptation measures to Climate change
- Biomass energy
- Irrigation technologies adaptable to climate change, etc.

(Example)

(Example of Contents) 1-(1) Techniques of agricultural production

Research Results of “Organic Farming”

(Research Report on Sustainable Agriculture and Environmental problems, self-funded by Japan, as a APEC project, 2009)
Outcomes of Projects of “Biomass energy”

(Example of Contents “1-(7) Climate change”)

Statistics of economies

(Example)

- Food Production
- Food Supply, Demand and Stocks
- Food Import and Export

(Commodity: wheat, maize(corn), rice, soybeans, sugar, livestock, dairy, bio-fuel, etc.)

(These statistics duplicate existing databases, but it will help us understand the situation of the food security in the APEC region.)
Image of the front page and “Recent News”

APEC INFORMATION PLATFORM (IP) on FOOD SECURITY

Recent News

- Impact of the flood to the production of **** in ****
- Situation of the production affected by drought in ****

Location of web-site

• To be discussed with the APEC secretariat, the IP is expected to be linked from the APEC official Website.

(Image : ATCWG web page on the APEC official Website)
Mechanism

- Website manager: Japanese Ministry of Agriculture, Forestry and Fisheries is willing to initially serve as the Website manager of IP.
- Language: English
- Funding: Start as a self-funded APEC project by Japan (In future, APEC fund might be sought.)

Procedures of Information Collection (1)

- Economies are encouraged to voluntarily provide information.
- Website manager will invite the economies to provide information and statistical data at least once or twice a year.
- The outcomes of all APEC-Funded Projects related to food security are expected to be uploaded on the IP.
Procedures of Information Collection (2)

- Non English-speaking economies could ask the website manager to translate the information in English with the English summary.
  (There is budgetary limitation for translation services.)
- All Economies would be able to upload new information to the IP directly with user name & password.

Timeframe

- 2011 - Develop the IP in consultation and coordination with economies (until Sep.) - Submit information which will be uploaded on the first version of IP
- Early 2012 - Launch the IP
- 2012 - Update the contents - Assess the performance of the IP