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APEC Food Security Road Map toward 2020



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I. CHALLENGES

Multi-Dimensional and Complex Issue

- Rising food prices and periods of price volatility
- Social. economic. environmental. physical and political factors

Challenges from Demand Side

- Increasing global population
- Diet diversification and nutritional issues

Challenges from Supply Side

- Limited natural resources
- Decreasing agricultural population
- Climate change
- Rising the food cost

Different Food Security Issues in Each Economy

- The way to improve the involvement of the private sector

Establishing the Comprehensive Food System-Based Food Security Environment in APEC

- Creating the Policy Partnership on Food Security [**PPFS**]

II. VISION AND GOALS

Vision

- “APEC economies that are free from hunger, and malnutrition, and contribute to the efforts of improving the living standard of all, especially the poorest and small holder, in an economically, socially, and environmentally sustainable manners”.



Long Term Goal

- **The Attainment of a Food System Structure by 2020**
→ Sufficient to provide lasting food security to APEC member economy

III. MISSIONS

The Role of PPFS

- **The Primary Mechanism for APEC Economies**
 - to address food security policy concerns
 - to oversee all issues related to/affecting food security

Three Missions

1st

Developing a food sector

2nd

Enhancing production
and trade / improving
food stocks and safety
nets for the poor

3rd

Considering the way to
improve small holder's
income, welfare, and
their competitiveness in
producing food

IV. STRATEGIES

Three Strategies

a. Sustainable Development of the Agricultural and Fishery Sectors

b. Facilitation of Investment and Infrastructure Development

c. Enhancing Trade and Markets

PPFS's Working Groups [GPs]

WG2

WG on Developing Sustainable Agricultural and Fishery Sectors

- Research and Development
- Technology dissemination
- Management of marine ecosystem and aquaculture
- Farmer organization empowerment
- Sustainable management of natural resources

WG3

WG on Facilitating Investment and Infrastructure Development

- Infrastructure development
- Analyzing impact of Foreign Direct Investment [FDI]

WG4

WG on Enhancing Trade and Market

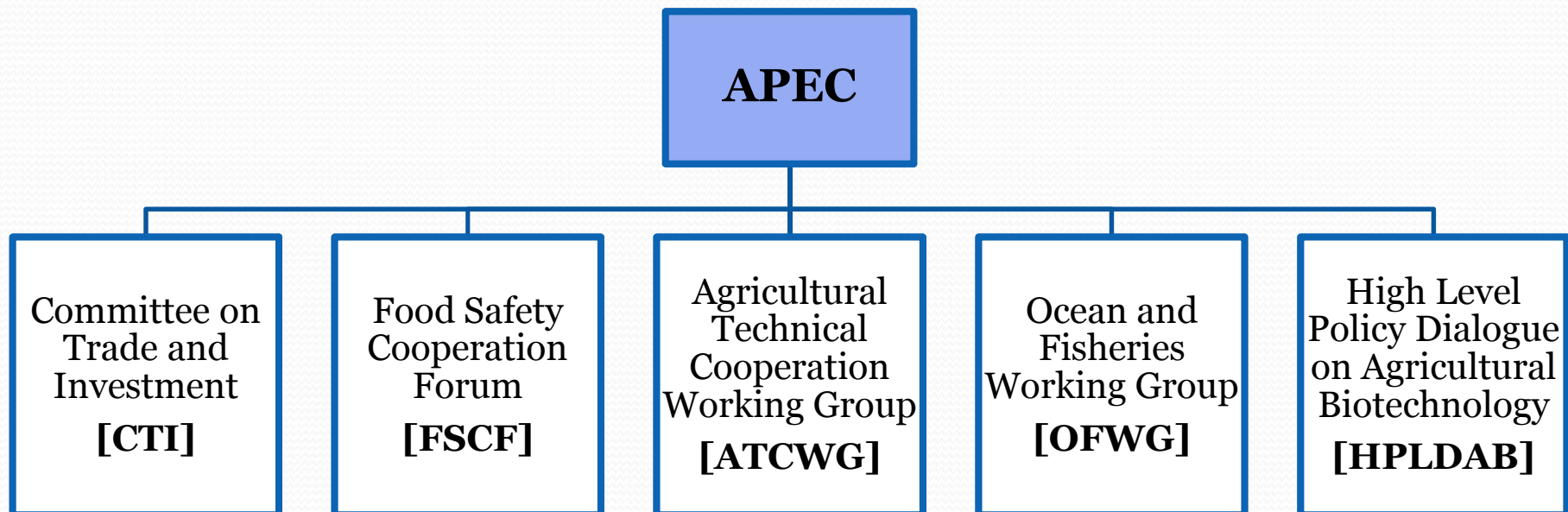
- Supporting international trade which improves food security

IV. STRATEGIES

■ APEC Economies' Focus

- Promoting effective management of the food supply chains
- Reducing food losses and waste
 - sharing experience and information on reducing food losses
 - sharing effective models of food supply chain

■ APEC Sub-fora Working on Food Security



V. PLAN OF ACTIVITIES TOWARDS 2020

■ Priority Activities PPFS's WGs

WG2

WG on Sustainable Development of the Agricultural and Fishery Sectors

- Promoting R&D and technology dissemination **(a)**
- Promoting effective management of marine ecosystems, fisheries, and aquaculture **(b)**
- Strengthening farmer's organizations and cooperation and resilience of smallholders, promoting a supportive environment for women in farming, empowering smallholder farmers and agriculture producers into the food supply and value chain, and enhancing services and training for small holders **(c)**
- Ensuring sustainable management of natural resources such as land and water; enhancing positive externalities and minimizing negative social and environmental externalities of agriculture; increasing resilience to natural disasters and global climate change; and providing food safety net, including proper nutrition, for vulnerable communities **(d)**

WG3

WG on Facilitation of Investment and Infrastructure Development

- Promoting investment in agriculture including through promoting the Principles for Responsible Agricultural Investment (PRAI) **(a)**
- Infrastructure development and analyzing the impacts of Foreign Direct Investment (FDI) **(b)**

WG4

WG on Enhancing Trade and Markets

- Facilitating trade in food and agricultural products **(a)**
- Reducing food losses and waste **(b)**
- Improving APEC governance frame works **(c)**
- Promoting studying and sharing of best practices of risk management methods among stakeholders in order to strengthen food security **(d)**

VI. DETAILED ACTIVITIES / GOALS 2020

■ Goals 2020 of WG on Sustainable Development of the Agricultural and Fishery Sectors

WG2

Goals 2020

a. Promoting R&D and Technology Dissemination

- Promoting private and public R&D spending in agriculture and fishery
- Developing effective public technology dissemination systems to enhance capacity-building and promoting agricultural knowledge sharing and transfer, while ensuring that gender-sensitive dissemination systems are created

b. Promoting Effective Management of Marine Ecosystems, Fisheries, and Aquaculture

- Increasing fisheries management and sustainable aquaculture practices
- Reducing excess fishing capacity
- Promoting sustainable aquaculture practices
- Promoting the contributions of sustainably managed small scale fisheries and aquaculture to food security

VI. DETAILED ACTIVITIES / GOALS 2020

■ Goals 2020 of WG on Sustainable Development of the Agricultural and Fishery Sectors

WG2

Goals 2020

c. Strengthening Farmer's Organizations and Cooperation and Resilience of Smallholders, Promoting a Supportive Environment for Women in Farming

- Providing programs that allow credit options for smallholder farmers that target post-harvest loss, income generation, and improved capital options
- Facilitating information sharing of agricultural best practices through extension and advisory services and appropriate technology transfer programs

d. Ensuring Sustainable Management of Natural Resources; Enhancing Positive Externalities and Minimizing Negative Social and Environmental Externalities of Agriculture; Increasing Resilience to Natural Disasters and Global Climate Change

- Promoting agricultural production practices that assist in adapting to, and mitigating climate change
- Facilitating technology transfers and sharing of best practices in the area of sustainable management of land and water resources

VI. DETAILED ACTIVITIES / GOALS 2020

■ Goals 2020 of WG on Facilitation of Investment and Infrastructure Development

WG3

Goals 2020

a. Promoting Investment in Agriculture including through Promoting the Principles for Responsible Agricultural Investment (PRAI)

b. Infrastructure Development and Analyzing the Impacts of Foreign Direct Investment (FDI)

- Increasing public investments in agriculture
- Ensuring a high level of investor protection, including safeguarding and enforcing the rights and claims of investors and protecting robust intellectual property right including Plant Variety Protection
- Sharing good practices of agricultural investments through APIP
- Developing a framework of activities/business plans in accordance with the Principles for Responsible Agricultural Investment (PRAI), for APEC economies
- Supporting investment programs aimed at strengthening the food security of APEC economies within a framework of cooperation with international financial institutions (banks, funds, etc.)

VI. DETAILED ACTIVITIES / GOALS 2020

■ Goals 2020 of WG on Enhancing Trade and Markets

WG4

Goals 2020

a. Facilitating Trade in Food and Agricultural Products

- Affirmation of the pledge to end protectionist measures in trade of agricultural products
- Promoting harmonization of standards and adherence to international, science-based standards, i.e. Codex, World Organization for Animal Health (OIE), International Plant Protection Convention (IPPC)
- Ensuring compliance with the WTO notifications requirement on export restrictions/prohibitions in order to enhance transparency

b. Reducing Food Losses and Waste

- Developing unified methodologies to estimate food losses
- Introducing a plan for reaching a targeted rate of food waste reduction
- Facilitating the sharing of best practices in the APEC region

VI. DETAILED ACTIVITIES / GOALS 2020

■ Goals 2020 of WG on Enhancing Trade and Markets

WG4

Goals 2020

c. Improving APEC governance frame works

- Sharing strategies and experiences among APEC economies regarding their food security policy governance frameworks and their food security communication strategies with the private sector
- Determining the best or, at least, better governance framework for food security policy and communication strategies in each APEC economy

d. Promoting studying and sharing of best practices of risk management methods among stakeholders in order to strengthen food security

- Evaluate the likelihood and impact of food security threats
- Create diversified strategies to respond to various potential economic and environmental risks for each of the APEC economies