

Policy Partnership on Food Security (PPFS) Plenary Meeting Day 1

Overview of APEC 2025 Food Security Theme

Challenges to Food Security



1914~1918 1939~1945

- •World War I,II
- Post-War food shortages

2008~2013

- Biofuel demand, climate change, export bans, etc.
- Agflation

2020

- Covid-19 Pandemic, climate change
- •Supply chain breakdowns

1950s

1960s

1970s

1980s

1990s

2000s

2010s

2020s

2022

• Climate change, geopolitical conflicts, export bans, etc.

Ongoing concerns

 Climate changerelated disruptions, rising inequality, demographic shift etc.

1973

Oil price shocksFood prices surgedThe Global Food Crisis

Impacts on Agri-food Systems





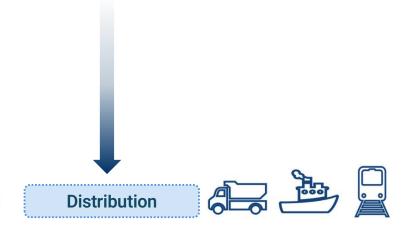
- · Changes in productivity
- · Quality deterioration
- Changes in cultivation area, transition of producible crops



- Threatening food security
- Availability ↓, accessibility ↓, utilization ↓, stability ↓



 Increased risk of post-harvest loss & food waste



Damage to transportation supply chains

How to Overcome Food Security Crisis



Production

- Cultivation
- Seeds
- Labor
- Education
- Pest & Disease
- Monitoring, etc.

Innovation

Storage & Processing

- Stockpiling system
- Processing
- Labor
- Supply-demand management, etc.

Consumption

- Nutrition assistant program
- · Food loss and waste
- · Education, etc.

Distribution

- Market platform
- · Logistics systems, etc.



Driving Innovation in Agri-food Systems for Shared Prosperity

