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Contribution by Japan

**to the CSTD 2022-2023 priority theme on “Technology and innovation for cleaner
and more productive and competitive production”**

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Measures for achievement of Decarbonization and Resilience with Innovation (MeaDRI)

Abstract

MAFF Japan

~ Innovation will enhance potentials and ensure sustainability in a compatible manner~

“MeaDRI,” the medium-long term strategy will pave the way for the future.

- Enhancing engagement of stakeholders at each stage of food supply chains
- Promoting innovation to reduce environmental load

Challenges

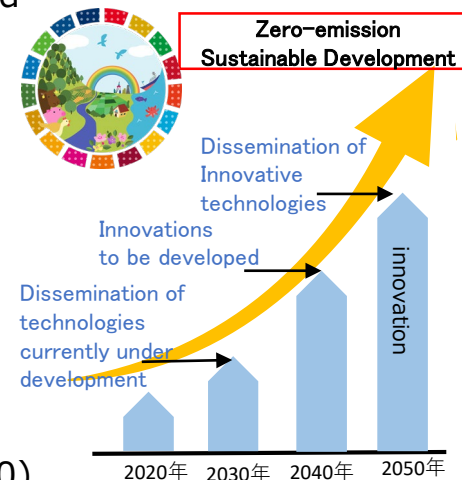
- ◆ Depopulation and aging of producers
- ◆ Stagnant rural communities
- ◆ Climate change and increasing natural disasters
- ◆ Disrupted supply chains due to the COVID-19
- ◆ Achievement of SDGs

By 2050, MAFF aims to achieve;

- **Zero CO2 emission** from the agriculture, forestry and fisheries sectors
- **50% reduction in risk-weighted use of chemical pesticides** by dissemination of the Integrated Pest Management and newly-developed alternatives
- **30% reduction in chemical fertilizer use**
- **Increase in organic farming to 1Mha** (equivalent to 25% of farmland)
- **At least 30% enhancement in productivity of food manufacturers** (by 2030)
- **Sustainable sourcing for import materials** (by 2030)
- **90% and more superior varieties and F1 plus trees** in forestry seedling
- **100% of artificial seedling rates** in aquaculture of **Japanese eel, Pacific bluefin tuna, etc.**

which will be enabled through:

- development and dissemination of innovative technologies
- greening of MAFF's policy tools



MAFF endeavors to accomplish the triple win of;

Economic sustainability

Ensure robust and resilient food industry



Social sustainability

Improve livelihood, promote balanced diet



Environmental sustainability

Save global environment for the future generation



MeaDRI's Conceptual Approach

Following viewpoints are required to transform our food systems. Awareness, efforts and behavioral changes of stakeholders as well as promising technologies are the keys to success.

