



APEC

Asia-Pacific Economic Cooperation

APEC食料安全保障に関するワークショップ
＜更なる食料安全保障への取組み＞

Disaster Prevention and Reconstruction

*- Seafood Processing Industry
in the Tohoku Region in Japan-*

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3.11 East Japan Disaster

- 9.0 earthquake and tsunami cause major damages

http://www.youtube.com/watch?v=9dQDWmuNV_Y&feature=youtu.be&t=10s

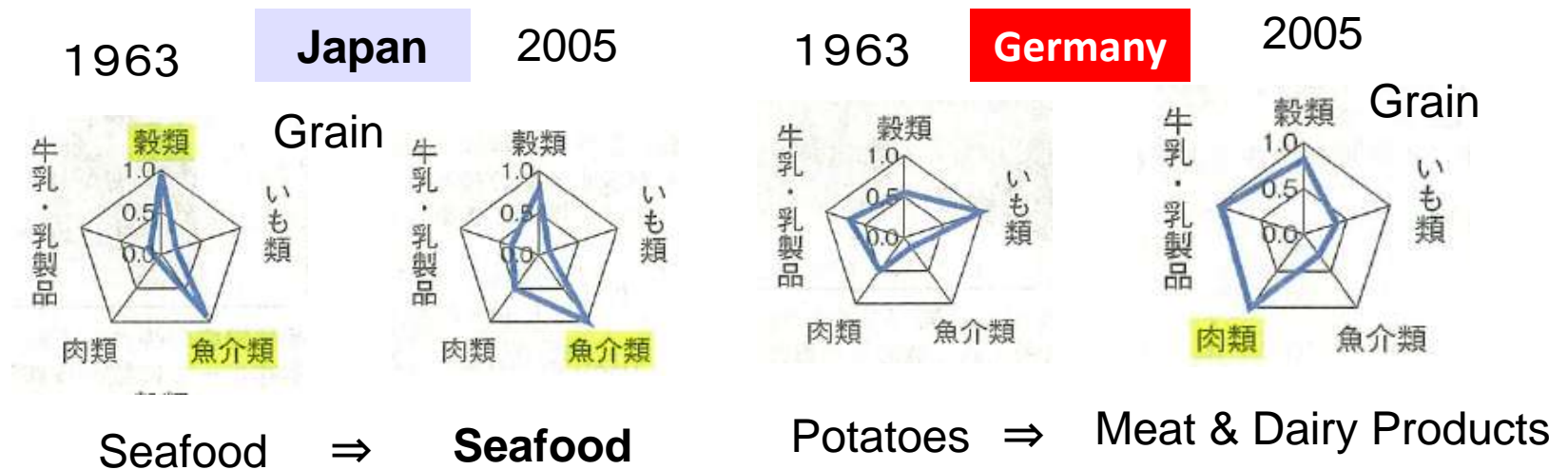


Outline

- For APEC economies, the Pacific Ocean is a critical component for a viable economy.
- ‘Blue economy’ represents the sustainable ‘Green economy’ of marine environment, ecosystem and coastal communities.
- http://aimp.apec.org/Documents/2012/SOM/SOM2/12_som2_002.doc
- In APEC Workshop on FS, Fisheries, Natural Disasters, and the Prevention & Reconstruction should be also considered.
Why?

Fisheries in Japan

- Northwest Pacific Ocean surrounding Japan is one of the world's three major fisheries.
- Seafood has long been a staple food in Japan's culinary culture.



FAO: Food Balance Sheets (1963, 2005), MOAFF: Fisheries Agency (2005)

Damages from 3.11 Disaster

- Fisheries Damage: 1,264 billion J.Yen (15.8 billion US\$ as of 03/05/2012)
- 52% of total damage of related to Agriculture, Forestry & Fisheries
- 100% damage: Fisheries in the Fukushima, Miyagi, Iwate
- Fisheries-related damage in Iwate = approx. 10.3 times the amount of annual production



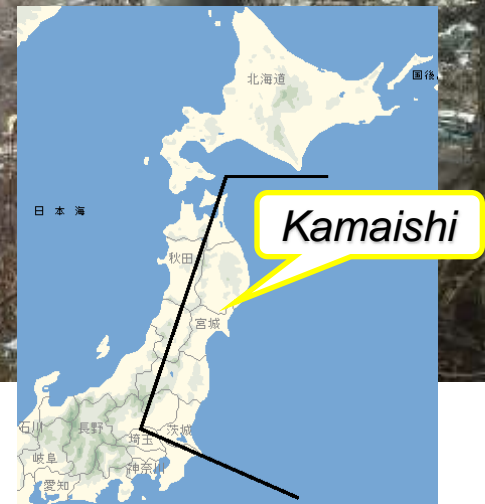
One Year Later

- Total Recovery: 50% of pre-3.11 level
- Fishing Boat repaired: 95% of restore goal
- Fisheries landing: 70% of pre-3.11 level
- **Processing Facilities: 55% of pre-3.11 level**

*Supply Chain Management:
Ice making, freezing, packaging,
processing facilities, warehouses,
and the workers are imperative for
reconstruction and new innovation.*



Case Study: Sojitz Seafood Factory Soon after the 3.11 Disaster (03/17/2011)



Backyard of Sojitz Seafood Factory



Seafood Factory, Main entrance
Soon after the 3.11 Disaster (03/17/2011)



Bottled salmon flakes remain
in the sterilizing machine



Relocation and Expansion of the new facility



Completion of the new factory 【02/15/2012】



Test Run with old and new employees 02/16/2012



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