

การเสวนาเชิงวิชาการ เรื่อง “ความมั่นคงทางอาหารในบริบทการค้าไทย”

Food Security in the Context of Thai Trade

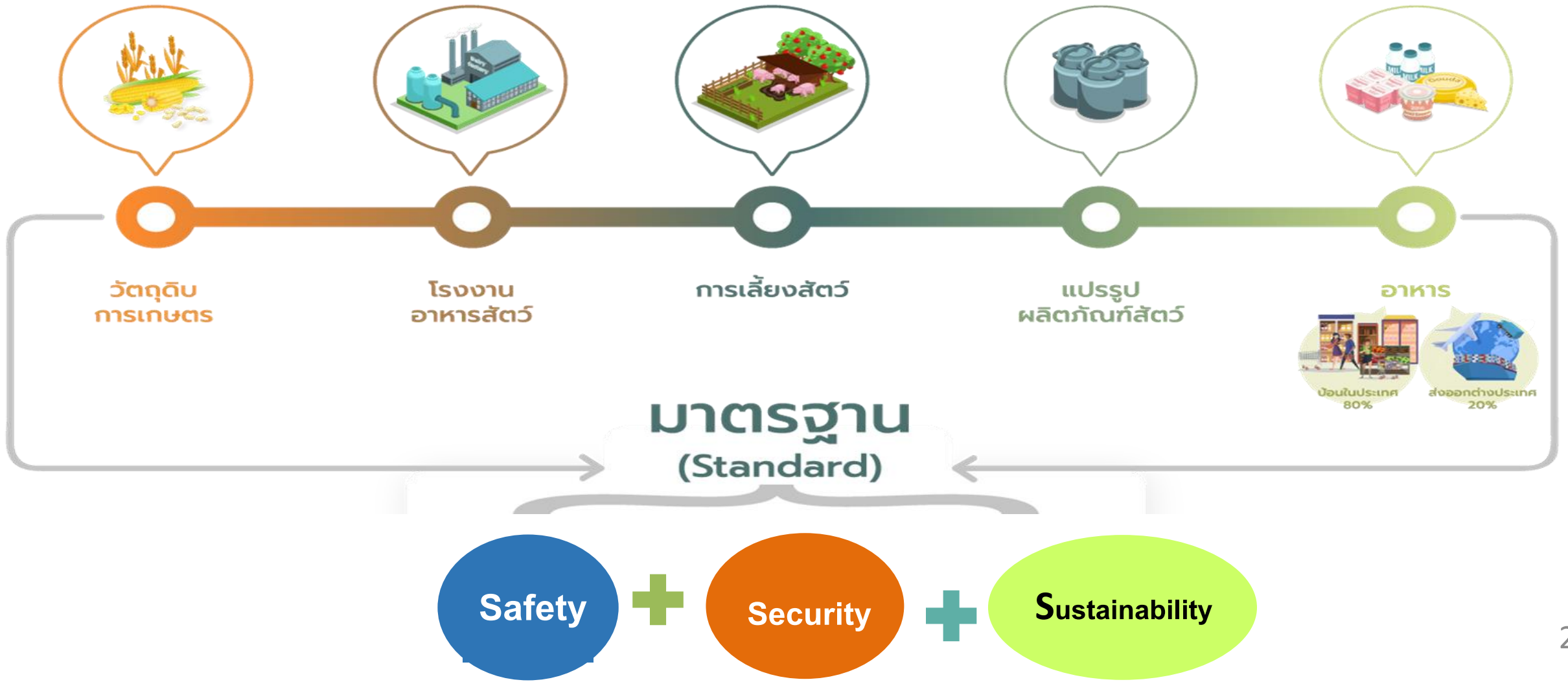
18 ธันวาคม 2566

แนวทางการส่งออกสินค้าอาหารในภาวะวิกฤต



สุกัญญา ใจชื่น
กรรมการสถาบันน้ำและสิ่งแวดล้อมเพื่อความยั่งยืน
สภาอุตสาหกรรมแห่งประเทศไทย

Solution : Partnership in Value Chain



Partnership Development



**Thai Sustainable
Fisheries
Roundtable**



**Thai Livestock
and Aquatic
Consortium**



**Thai Low Carbon
Rice Consortium**



Thai Sustainable Fisheries Roundtable

คณะกรรมการพัฒนาระบบการผลิตสินค้าและผลิตภัณฑ์ประมงของไทย

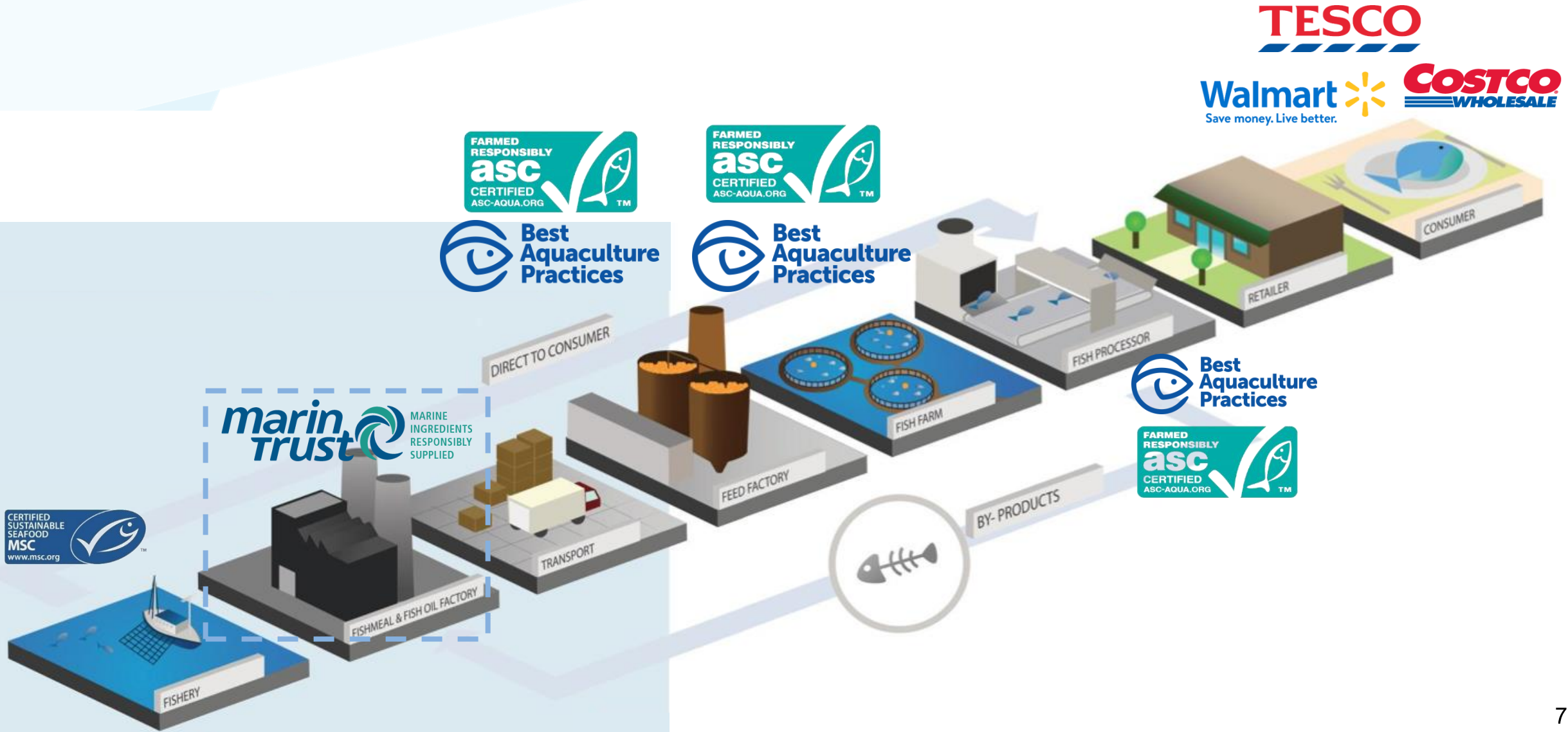




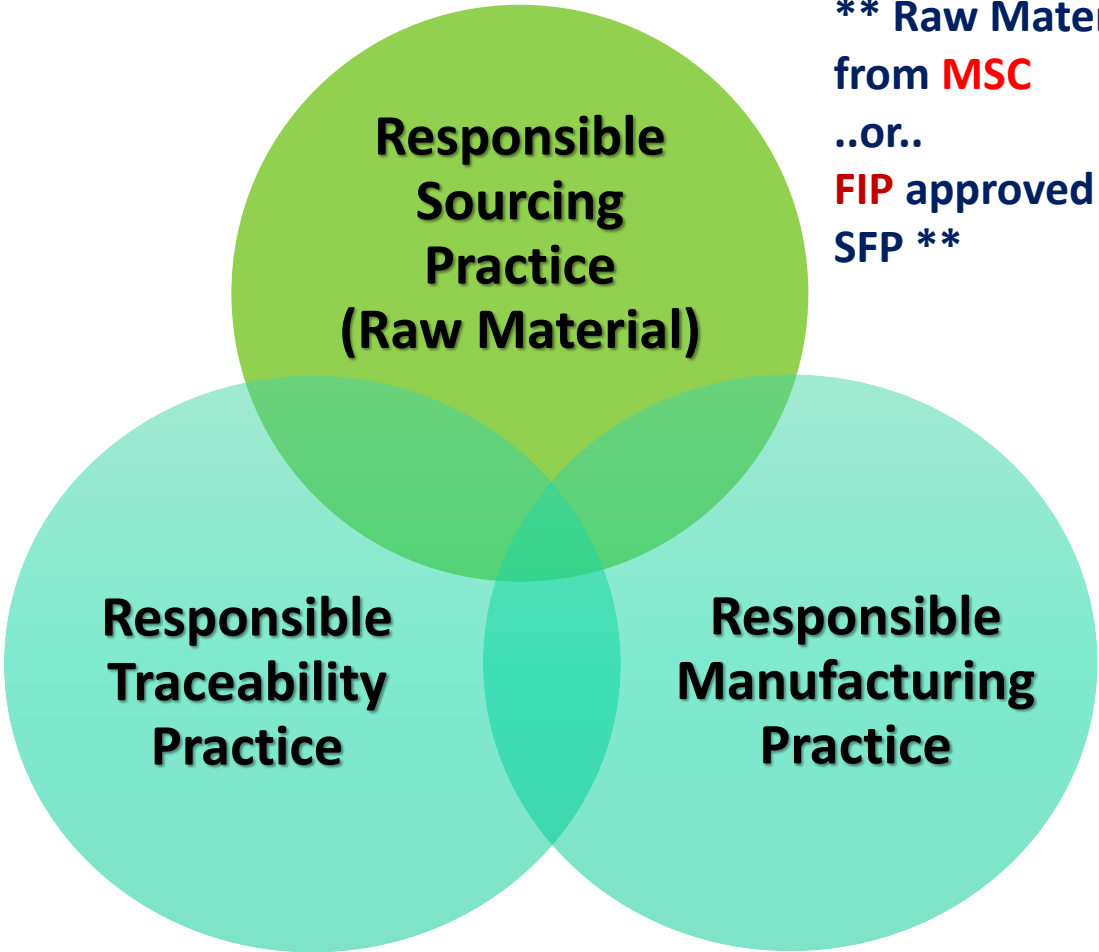
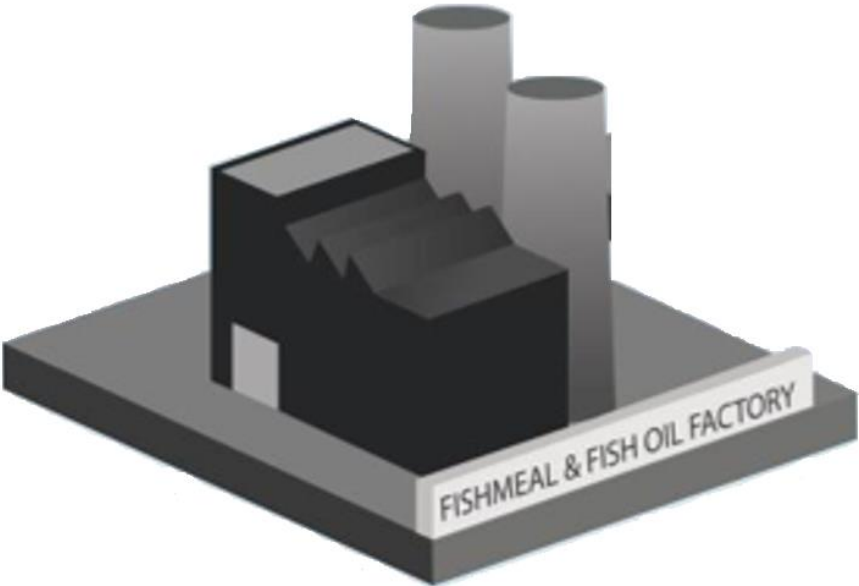
OBJECTIVES:

- To develop the practice for responsible and sustainable fisheries supply Chain.
- To apply Fishery Improvement Project (FIP)

TSFR Memorandum of Understanding Signing to promote Sustainable Fisheries and Fisheries Products (4 Nov 2013)



Certification Criteria



** Raw Material must come from **MSC**
..or..
FIP approved by WWF or SFP **



Fishery Improvement Project (FIP) and the importance to the business through out the supply chain.

Fishery Improve Project (FIP)



PROJECT Framework:



STEP 4

FIP Implementation



STEP 3

Action Plan Development



STEP 2

Fishery Assessment



STEP 1

Meeting with Steering Committee (Project Kick-off)



Fishery Improvement Project (FIP) in Gulf of Thailand

Project Timeline

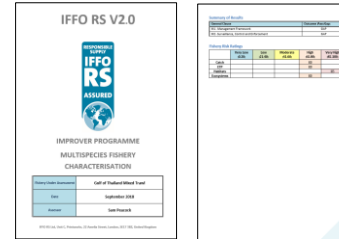
2016

- FIP Project on Andaman.



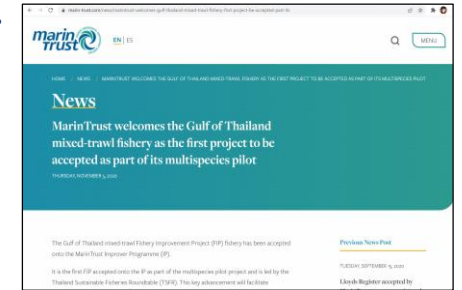
2018

- Step 2:** Fishery Assessment against MarinTrust Multi Species (funding support from Agricultural Research Development Agency (ARDA))



2020

- MarinTrust Governing Board Committee has accepted FIP in the Gulf of Thailand to Multi-Species IP Program.



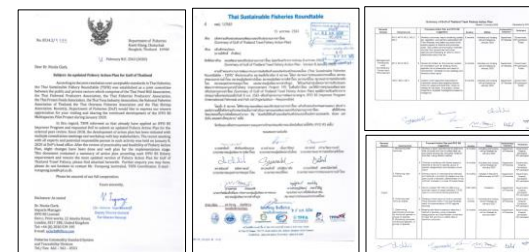
- FIP Project on the Gulf of Thailand



- Step 1:** Meeting with Steering committee (Project Kick-Off)

2017

- Step 3:** Fishery Action Plan (FAP) development submitted to MarinTrust



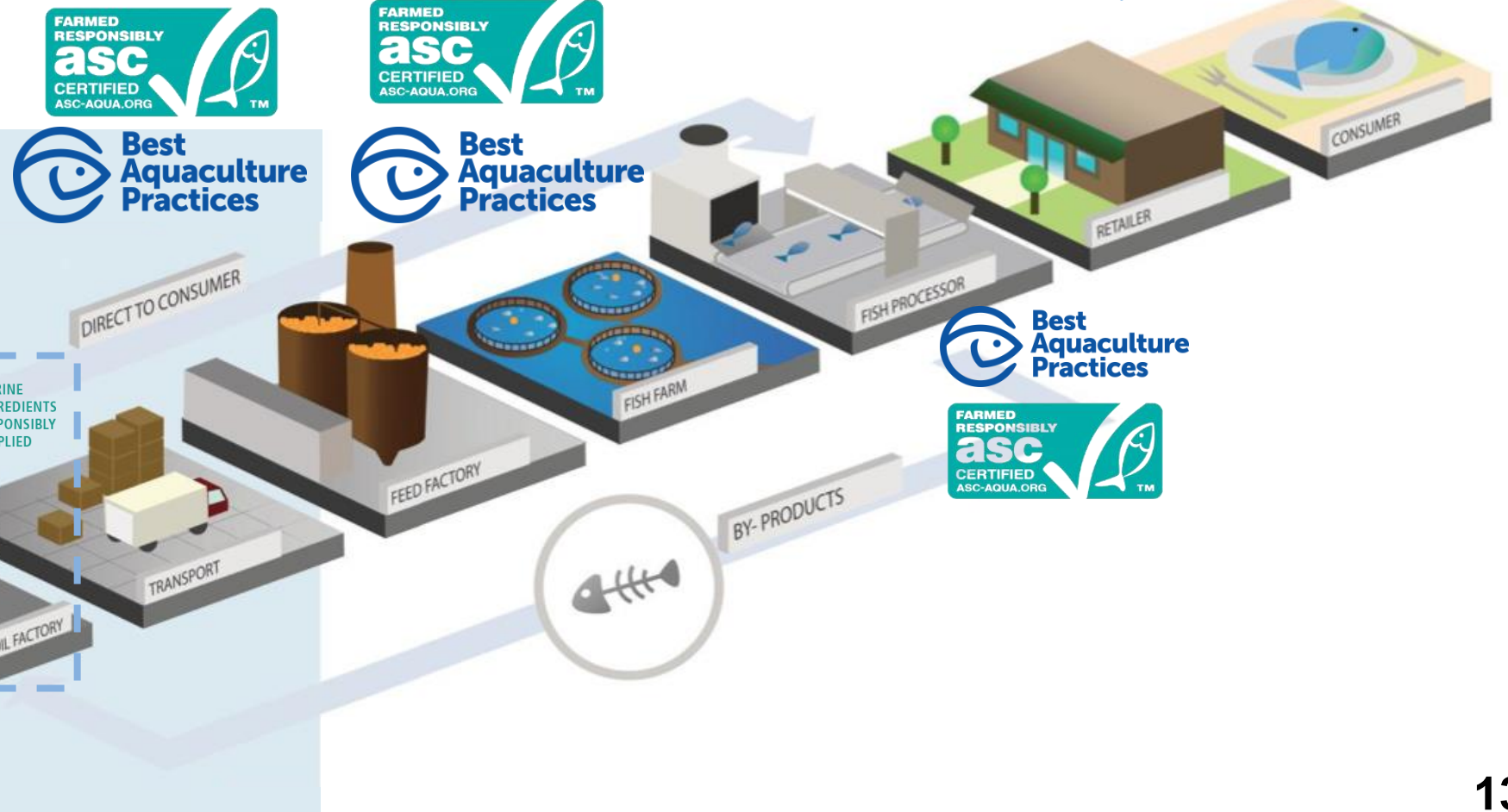
2019

- Step 4 Implementation:** TSFR has proceed on re-assessment and revise Fishery Action Plan. Also, conducted the fishery research, funding support by ARDA to close the GAPS.

2021-Present



"FIP in the Gulf of Thailand is the first FIP in the world that has been approved by MarinTrust for mixed Trawl fishery"





Thai Livestock and Aquatic Consortium



Thai Livestock and Aquatic Consortium (TLAC)

14 Associations + 1 Retailer



สมาคมผู้ผลิตอาหารสัตว์ไทย
THAI FEED MILL ASSOCIATION

1. THAI FEED MILL ASSOCIATION



8. THAI SEED TRAD ASSOCIATION



2. THE ANIMAL HUSBANDRY ASSOCIATION OF THAILAND
UNDER THE ROYAL PATRONAGE OF H.R.H. PRINCESS
MAHA CHAKRI SIRINDHORN



9. THAI HOLSTEIN FRIESIAN ASSOCIATION



สมาคมสัตวแพทย์โรคสุกรไทย
Thai Swine Veterinary Association

3. THAI SWINE VETERINARY ASSOCIATION



10. THAI DAIRY INDUSTRIES ASSOCIATION



4. THAI POULTRY VETERINARY ASSOCIATION (T.P.V.A.)



11. THAI SHRIMP ASSOCIATION



5. THAI RUMINANTS VETERINARY ASSOCIATION



12. THAI BROILER PROCESSING
EXPORTERS ASSOCIATION



6. THAI AQUATIC VETERINARY ASSOCIATION



13. BROILER BREEDER ASSOCIATION



7. ANIMAL HEALTH PRODUCTS ASSOCIATION



14. THAI FISH CULTURE FARMERS ASSOCIATION

OBJECTIVE

To enhance production of Thai livestock products throughout the supply chain to meet sustainable development on economics, social and environmental aspects.

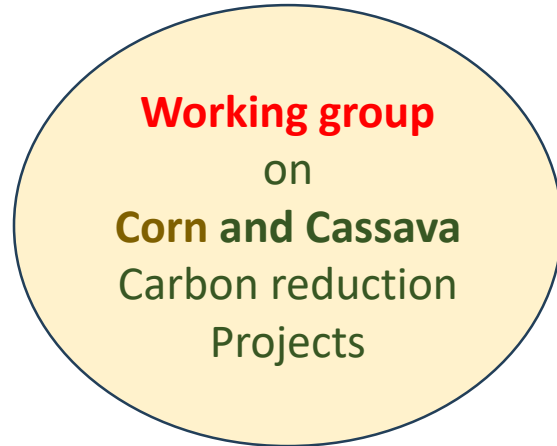


15. CP Aextra Public Company Limited

Public Partnership

Ministry of Agriculture

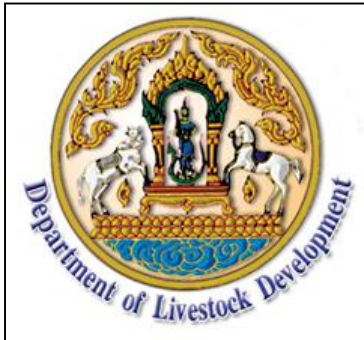
Department of Agriculture



BANK OF THAILAND

Green Finance

Department of Livestock Development



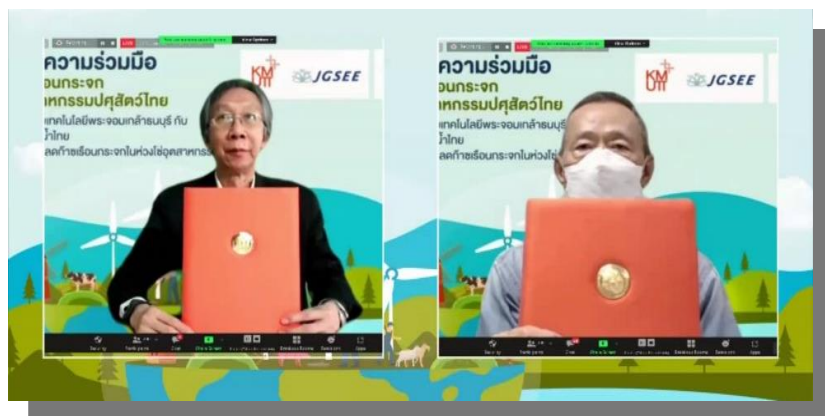
Green Policy on Agriculture Sector

Operational Plan

1. Declare a Joint commitment to reduce Greenhouse Gas emission within production chain to **Climate Neutrality by 2040**
2. Discuss and recommend cooperation **guidelines** for agricultural and livestock products development towards sustainable production among competitive environmental measures
3. **Promote government policies** on ease of doing business in livestock and aquatic sectors and monitoring non-tariff barriers
4. Develop Thai livestock potentials to **become Green Livestock** throughout supply chain.

Academic Partnership : GHG Reduction Project

Memorandum of Understanding (MOU) with King Mongkut's University of Technology Thonburi (KMUTT) to implement a **project on greenhouse gas reduction in the Thai livestock industry chain (Thai Livestock Technical Consortium for Climate Neutrality (LCCN) on February 9, 2022**



TARGET : Climate Neutrality by 2040

Operating guidelines:

- Study and measure greenhouse gas emissions
- Determine Product Life Cycle, Carbon Footprint Assessment
- Develop technology to reduce GHG emissions

Set up joint working group of 2 parties, divided into 4 groups of selected products:

1. Corn



2. Beef Cattle



3. Milch Cow



4. Fishmeal



Fishmeal



Pilot Area

Lopburi province

&

Chainat province



2. Fishmeal Working Group

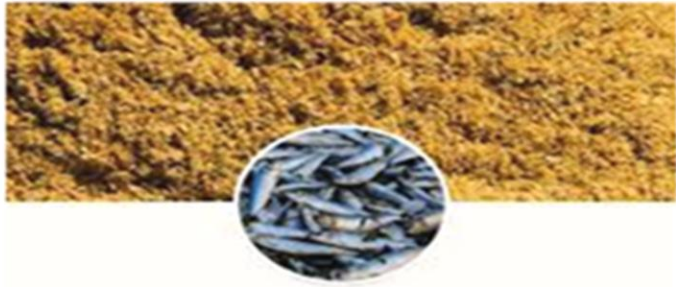


Objective

The goal is to study and analyze the values of greenhouse gas emissions in the fishmeal production industry.

Currently, there are 5 companies participating in the project from the member network of the Thai Feed Mill Association.





Fishmeal

Production process

Source of raw materials

raw material

Steaming/boiling process
with hot steam

liquid separation compression process

Drying, grinding and packing



Sample Factory





Thai Low Carbon Rice Consortium



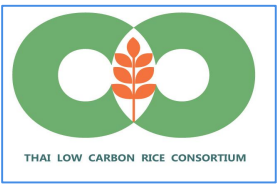
ภาคีข้าวคาร์บอนต่ำไทย (THAI LOW CARBON RICE CONSORTIUM)

Established : October 2023

- 1.สมาคมเกษตรปลอดภัย (Agricultural Safety Association)
- 2.สมาคมผู้ผลิตอาหารสัตว์ไทย (Thai Feed Mill Association)
- 3.สมาคมผู้ส่งออกข้าวไทย (Thai Rice Exporters Association)
- 4.สมาคมโรงสีข้าวไทย (Thai Rice Mill Association)
- 5.บจก.อินเทลลิเจนท์ รีเสิร์ช คอนซันแตนท์ (IRC)
- 6.มหาวิทยาลัยหอการค้าไทย (UTCC)
- 7.มหาวิทยาลัยนเรศวร (Naresuan University)
- 8.บมจ.ซีพี แอ็กซ์ตรา (CP Axtra Public Company Limited)
- 9.สมาคมการค้านวัตกรรมเพื่อการเกษตรไทย (TAITA)
- 10.สมาคมการค้าเมล็ดพันธุ์ข้าวไทย (TRSTA)
- 11.สภาเกษตรกรจังหวัดสุพรรณบุรี (National Farmers Council)

MEMBERS (11 Organizations)





Objective: LCRC

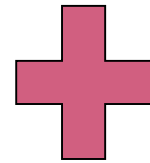
- To create cooperation between stakeholders in the rice production supply chain from upstream to downstream. including the animal feed industry Livestock and fisheries producer groups
- To drive low-carbon rice production practices with consistent technology and knowledge. Rainwater rice field area which is the majority rice producing area of the country
- To increase the country's competitiveness in rice exports and the Thai food industry.

Action plan

- ☐ Low-carbon rice production industry chain prototype project to upgrade Farmers' income and increase their competitiveness in the world market.

Elements to be successful

- **Active participation of stakeholders**
- **Stakeholders commitment**
- **Communication**



- **Policy (public/private)**
- **Financial Investment**
- **Technology**



THANK YOU