



GLOBAL FOOD PRODUCER

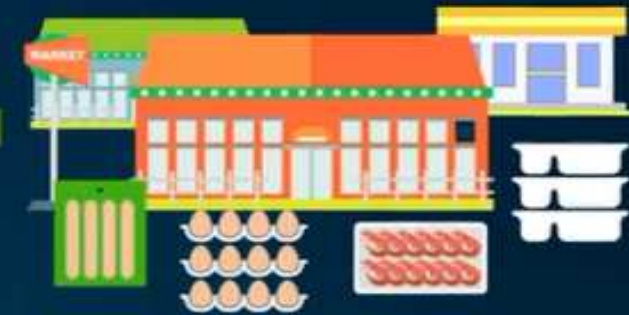
FEED



FARM



FOOD



CPF Shrimp Sustainable Supply Chain



Background

30 years ago, our customers demanded Quality.

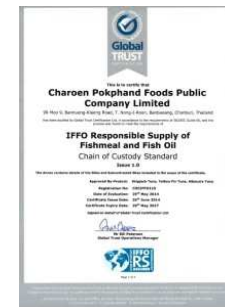
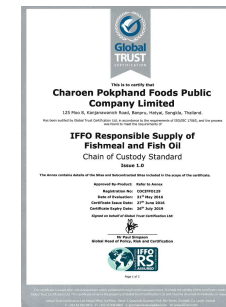
15 years ago, our customers demanded Environmental Preservation.

**Today, our customers demand Full Traceability & Social
Accountability, sometimes many Tiers beyond our operations.**



The only 2 feed mills in the world certified IFFO RS CoC

- CPF started work **end-2012** on obtaining the **IFFO RS** standard. The IFFO RS standard is the global benchmark in the sustainable production and usage of fishmeal.
- In **June 2014**, CPF became the **first company in the world** with a shrimp feed mill **certified IFFO RS CoC**.
- CPF now purchases only **IFFO RS by-product fishmeal**.



IFFO RS CoC Certification:
- Banbueng Feed Mill in June 2014
- Banpru Feed Mill in June 2016



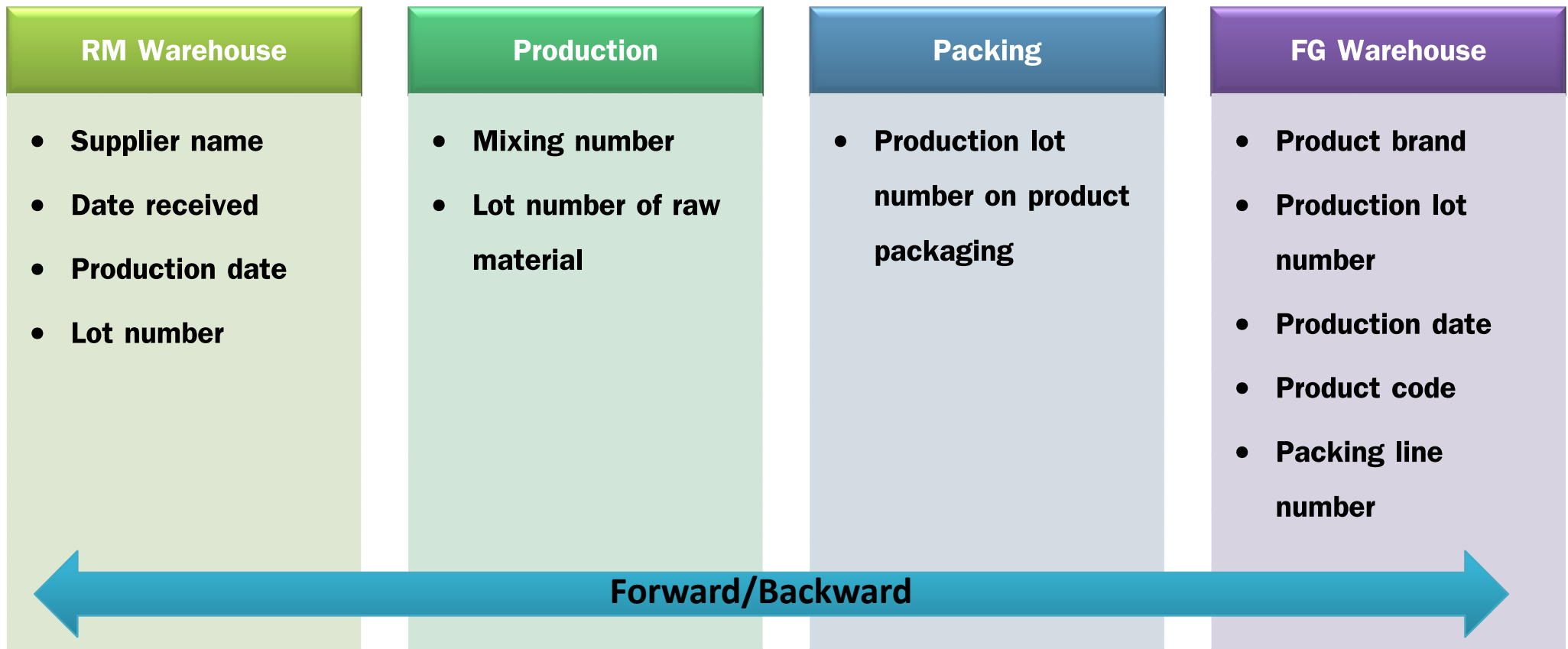


บริษัท เจริญโภคภัณฑ์อาหาร จำกัด (มหาชน)

CPF Shrimp Feed Mills Electronic Traceability System

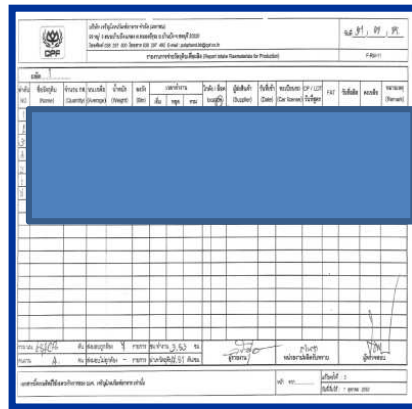


Electronic Traceability System within CPF Shrimp Feed Mill





Backward Traceability



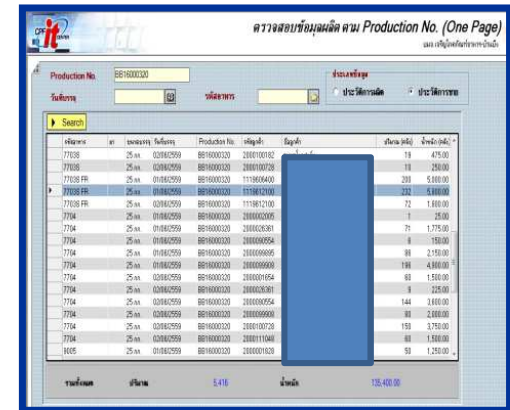
CPF-BANBUENG
Batch Report

Production No: 01080003 Batch No: 001 / 1000 Destination Code: BEE Depositor Code/Mat: Formula Code: 12091-088-1704-709-00

Batch Start Time: 010800041112356 Batch End Time: 010802016115145 Production Weight: 2,099,500

Target Dry Mts Time: 00.0000 Target Wet Mts Time: 100.0000 Target After Liquid Time: 100.0000
Actual Dry Mts Time: 00.0000 Actual Wet Mts Time: 112.0000 Actual After Liquid Time: 102.0000

No.	Batch	Ingredient Name	BA Code	Target Weight	Actual Wgt	Difference
4	4	2004 10 10%	4 40	180,400	180,000	-400
5	5	2004 10 10%	4 40	153,600	150,000	-3,600
Total				3,091,200	3,078,000	8,200



All fishmeal we use can be traced back to its origin e.g. fishing vessel profile, certification of fishing activity.

Each ingredient used can be traced back to the receiving date, supplier profile and other related information.

From the production batch, the list of ingredients used in the specific batch can be identified.

Query by "Production Number" to get information on specific production batch e.g. production date, feed code/formula, customer farm.



Our work with Shrimp Sustainable Supply Chain Task Force (SSSC) since July 2014.



**For Future Use of By-Catch Fishmeal:
eMCPD**



CPF “Validation at Port” (now called “eMCPD system”)

CPF was the first to pilot this system in 2015. We worked with 3rd party organisation (Fish Marketing Organisation - FMO), to set-up an electronic system for validating quantity & type of by-catch unloading, and fishing crew porting in/out at port.



FMO Smart Application





Audit Program by International Independent Auditor

1. Effectiveness & efficiency of traceability system:

- **Compliance to international standards i.e. UNGC/ISEAL/ISO19011**
- **Evidence to confirm compliance to National Fisheries Regulations**
e.g. vessel license, fishing license, MCPD, logbook
- **Mass balance analysis**

Scope of the Audit

Fishmeal plant / Feed Mill plant

Raw material purchase

Production

Inventory

Product selling

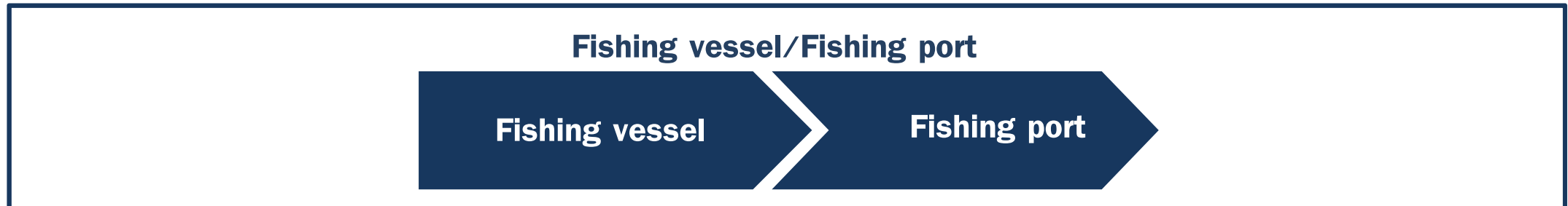


Audit Program by International Independent Auditor

2. Good Labour Practice :

- Assess compliance against ILO good labour practices
- Evidence to confirm compliance to National Labour Regulations
e.g. labour ID card, employee register, contract, payroll documents, day-off records
- Labour interview by professional auditor, focusing on intention to work, working conditions, actual welfare & wages received

Scope of the Audit





บริษัท เจริญโภคภัณฑ์อาหาร จำกัด (มหาชน)

Songkhla Fishermen's Life Enhancement Center (FLEC)





FLEC Objectives

- 1) To create a **network of foreign labor volunteers** and create a **favorable environment** to provide protection for those at risk and for victims of human trafficking.
- 2) To **promote and support policies** against human trafficking at the province and local levels.
- 3) To be a **learning center for foreign children**, foreign labor, and their families.
- 4.) To be a **care center with nurses for preliminary disease screening** for fishermen and their families.
- 5.) To be a **coordination & complaint center** for foreign fishermen and their families.