

E-traceability in Thailand: Lessons from Implementation

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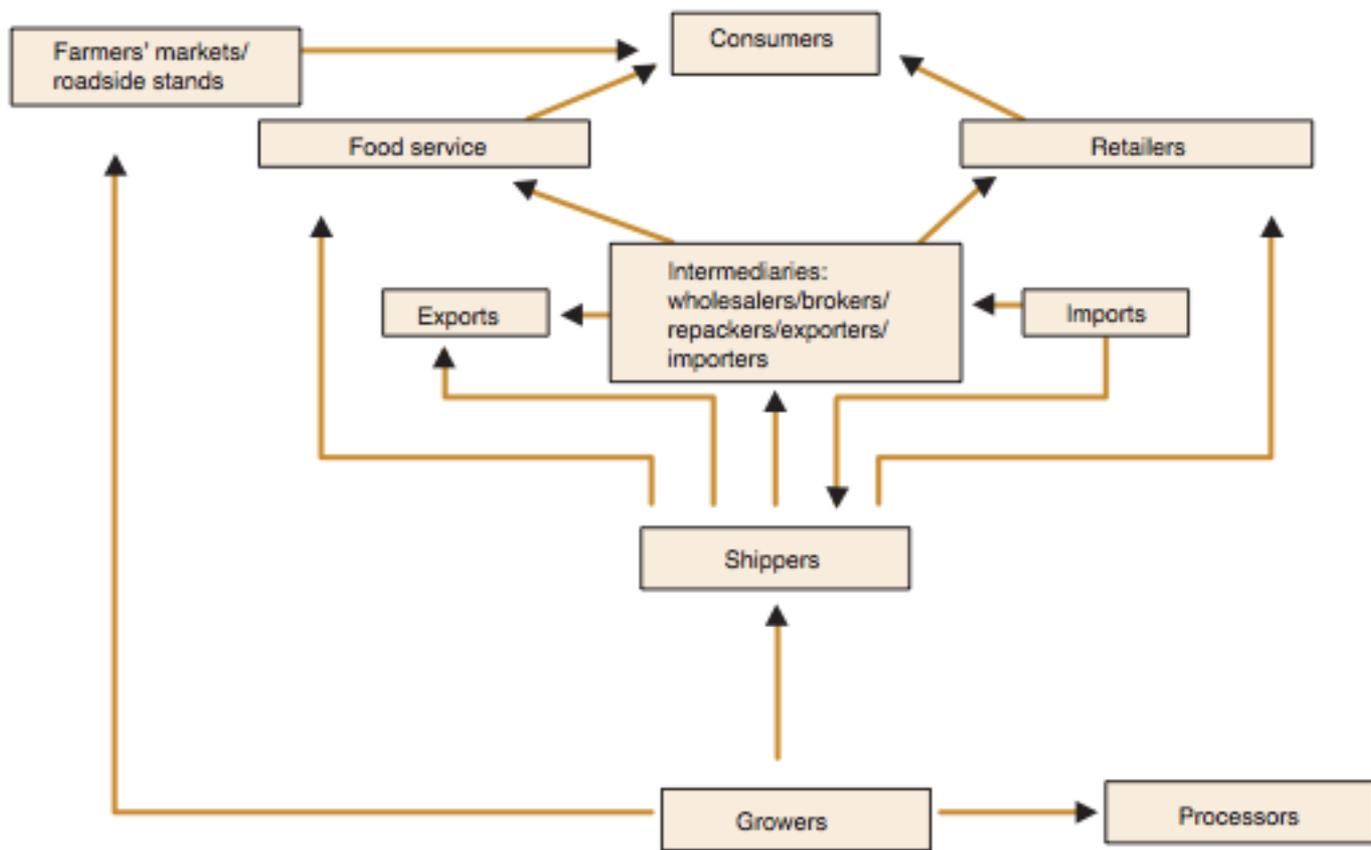
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Introduction

- ACFS is a government agency responsible for food safety standard setting of agricultural and food products. The agency is also the national accreditation body for conformity assessment system of the products . In addition, ACFS is the national contact point under WTO-SPS/TBT agreements. The agency affiliates to the Ministry of Agriculture and Cooperatives.
- Human resources: 200

Tracing fresh produce through the food marketing system



The complete international agro-food trade network in 1998

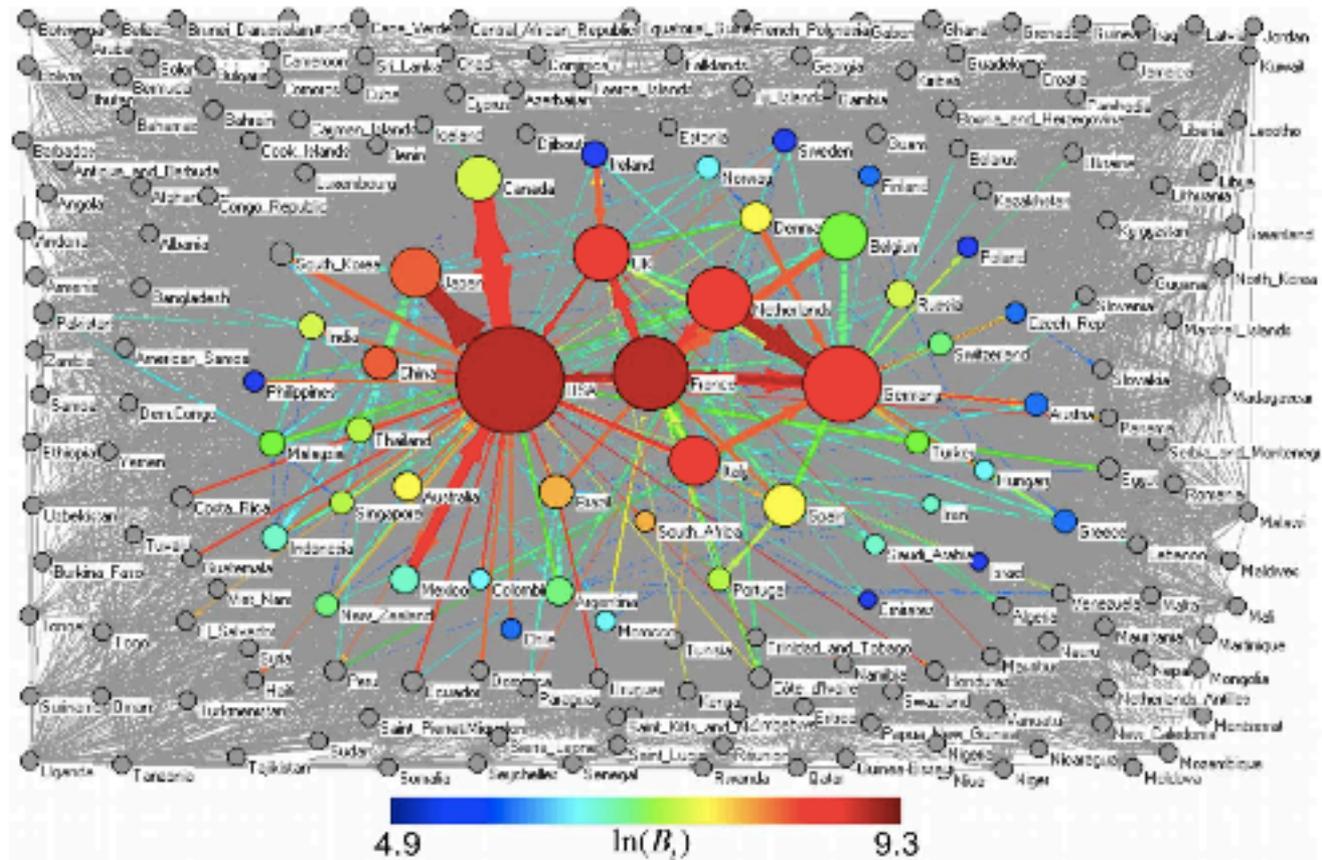


Figure 2. The complete International Agro-Food Trade Network in 1998. The IFTN is based on reported export, involving $N = 207$ countries (nodes) drawn as disks and $M = 10645$ trade fluxes (those worth more than 1 million US\$), drawn as directed edges/links. The top 44 countries with the largest total trade activity (import+export) and the top 300 largest food-trade fluxes were colored according to their betweenness values (see Materials and Methods). The rest of the countries and edges are drawn with gray. The sizes of the colored disks are proportional to the logarithm of their total trade activity, $\ln(E_i+)$. The thickness of the directed links is proportional to the log value of the trade flux in that direction, $\ln(\Phi_{ij})$. The structure of the IFTN was similar throughout 1998–2008.
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objectives

- Food safety control
 - Rapid response to food incident
 - Recall and withdrawal
 - Corrective action

Traceability for Business world

- Improve production line efficiency
- Differentiate product
- Facilitate trade flow and logistics
- Fulfil trade requirement

Implementations at ACFS

- Traceability standard for producers
- Pilot systems
 - Traceability for banana cooperatives
 - Pilot with major commodities : Chicken/Shrimp/sweet corn
 - Mobile traceability for Mango
 - RFID system at Royal Project Foundation
 - Online traceability for organic rice
- Traceability software for SMEs
- Standard coding system

Challenges

- Food safety management
- Record keeping
- Information sharing

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6729

