



Traceability of Agricultural Produce  
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International Nut & Dried Fruit Council

# Traceability in the Nut & Dried Fruit Industry

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# ABOUT US - INC's Mission and Membership

- To be the International source for information on nuts and dried fruits as regards Health, Nutrition, Statistics, Food Safety, Government Standards, Regulations, and Agricultural Quality Standards.

672 Companies

74 Countries

17 products:

Almonds

Apricot Kernels

Brazil Nuts

Cashews

Hazelnuts

Macadamias

Pecans

Pine Nuts

Pistachios

Walnuts

Peanuts

Dates

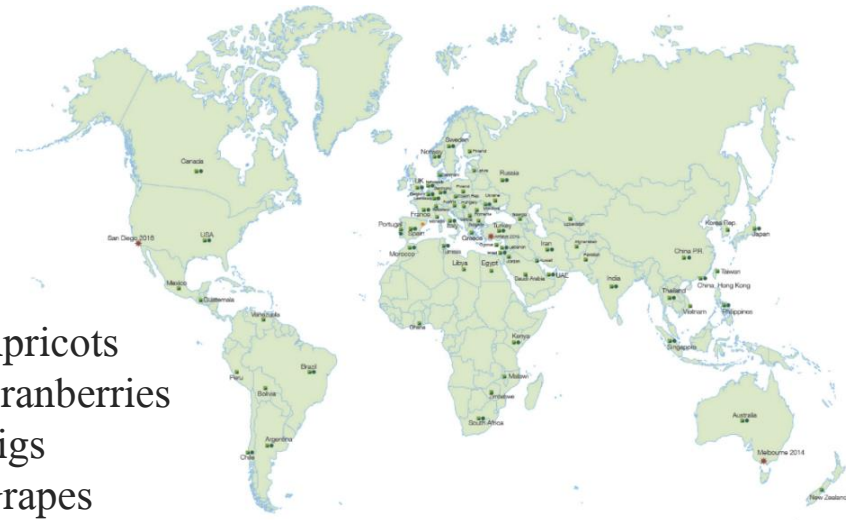
Dried Apricots

Dried Cranberries

Dried Figs

Dried Grapes

Prunes



- The Cracker Magazine
- Monthly Newsletter
- Weekly Cracking the News
- Online Database
- Global Statistical Review
- Trade Flows World Map
- etc.

- A Board of Trustees of 13 countries.
- Ambassadors in 31 countries.
- An international team: 7 sub-committees, 10 staff, 37 nationalities.

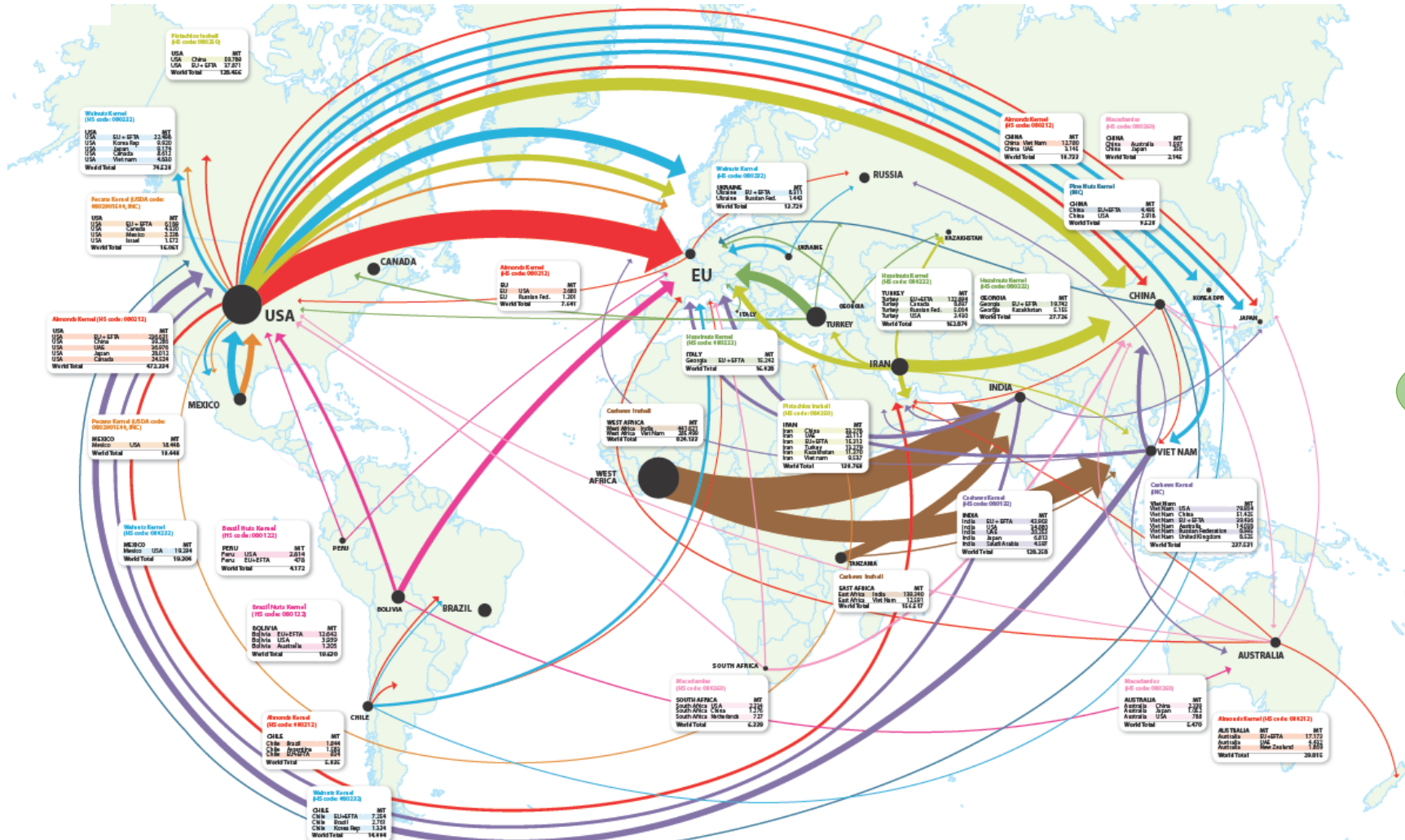
- CODEX, FAO, WHO, WTO, UNECE, EU, USDA, FDA, CFNA, etc

# INTRODUCTION – General Overview

- **Changes in the agriculture:**
  - Greater concentration of farms - small number with large sizes
  - Increasing influence of contract farming
  - Integrated supply chains - linking producers and consumers
  
- **Changes in the food production and distribution systems:**
  - More interdependent
  - More integrated
  - More globalized
  
- **Changes in consumer's demand:**
  - Consistent supply of top quality, safe, and nutritious food.

# INTRODUCTION – Trade Flow Map

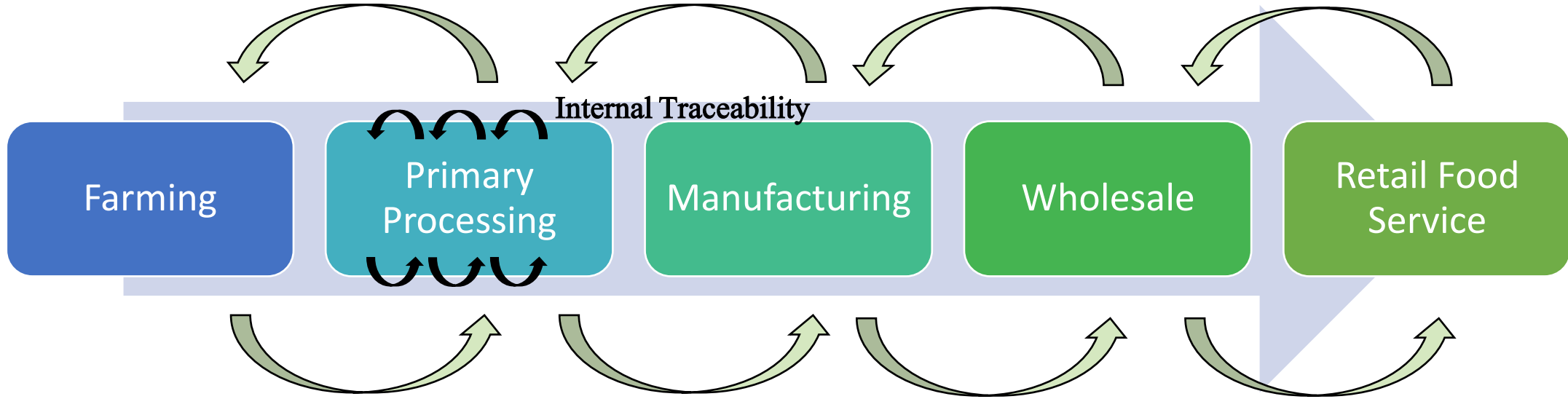
## Trade Flow of Tree Nuts in 2013



GLOBALIZATION

# SUPPLY CHAIN STRUCTURE

External Traceability



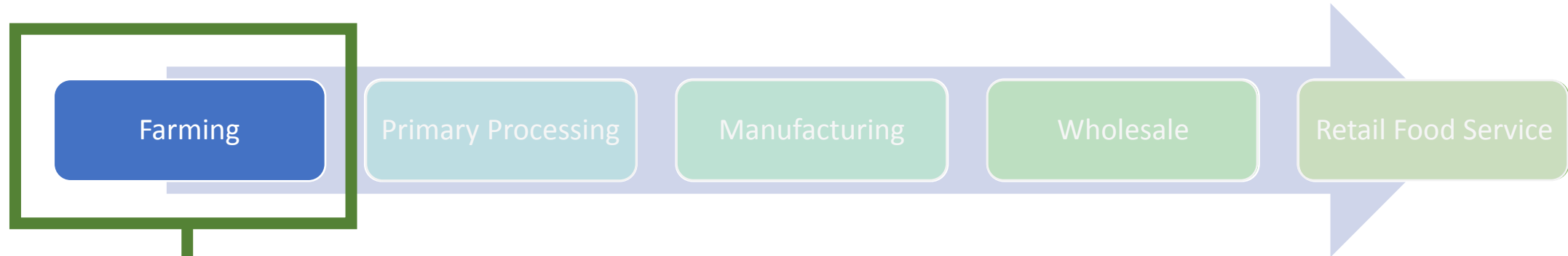
Traceability Systems



One step-back  
One step-forward

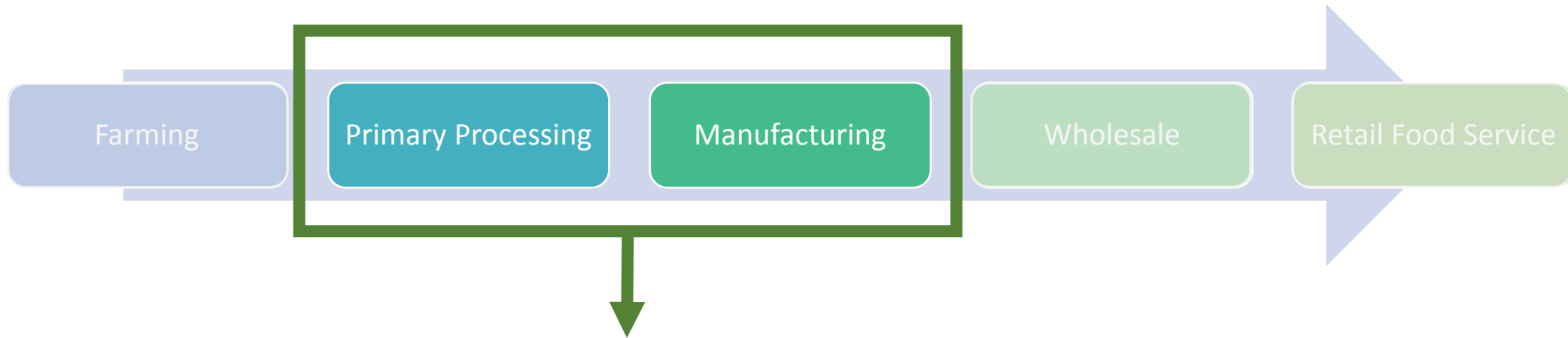


# TRACEABILITY – Nuts & Dried Fruit Industry



- Retrievable records of all farm operations
- Identify orchards
- Identify huller/sheller and handler

# TRACEABILITY – Nuts & Dried Fruit Industry



- All components should be traced: raw materials, primary packaging, printed packaging, labels, rework, work in process, etc
- Lot number – link
- Mock recalls – validate effectiveness
- Storage of representative lot samples



Date  
Product  
Quantity  
Supplier lot/Batch code  
Supplier  
Client  
Crop  
Best before date  
Location in the storage room

# BENEFITS – Nuts & Dried Fruit Industry





# OBSTACLES – Nuts & Dried Fruit Industry

- Developing countries – no traceability system
- Several standards and software applications
- Not always software for traceability is used.



# CHALLENGES – Nuts & Dried Fruit Industry

- To find affordable traceability solutions
- To work with the same information
- Data standardization



# Thank you

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