Introduction to IFT

- For 75 years, the Institute of Food Technologists (IFT) has unlocked the potential of the food science community by creating a dynamic global forum where over 17,000 members from more than 100 countries can share, learn and grow.
Introduction to GFTC

Vision

To become the global resource and authoritative voice on food traceability.

Mission

A program to serve the agriculture and food sectors, by providing applied research, objective advice, and practical expertise about data collaboration and food product traceability for business benefit and public good.

GFTC Sponsors

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Partnership on the Global Dialogue

- Traceability as a foundation
  - Advancing the science of food traceability
  - Applications like food safety, sustainability, IUU

- Common goals
  - Helping the industry simplify and improve capabilities
  - Pragmatic value driven solutions to solve complexity

- Participants not owners
  - To serve as catalysts
  - To be an equal stakeholder in the dialogue

Global Dialogue: Key Issues

- What do we need to know?
- What is the role of policymakers?
- How do we verify it?
- How do we talk about it?
- Who gets access?
Global Dialogue:
Key Questions on Data Needs

- To identify a basic set of consistently defined “key fisheries control data elements” (KfcDEs) to be routinely collected and associated with wild-caught seafood products

- To define/identify authoritative sources of data for these KfcDEs

- To identify best practices in both the public and private sectors for the verification of information contained in KfcDEs

- To promote strong and coherent (aligned) industry demand for best practice public and private sector mechanisms to ensure the reliability and verification of information contained in KfcDEs

GFTC Architecture Project:
Key Progress on Data Needs

- Data
  - Critical Tracking Events (CTEs)
  - Key Data Elements (KDEs)

- Definitions of data
  - Ontologies
  - Taxonomies

- Sources of data
  - Supply chain
  - Regulatory
  - NGO

- Best practices in data
  - Learn from others
  - Meet future needs
Global Dialogue: Key Questions on Data Governance

- To achieve global agreement on a basic IT architecture for seafood traceability
- To standardize meaning and semantics for “critical tracking events” (CTEs) and KDEs (including KfcDEs)
- To standardize data formats, security and communications protocols/mechanisms for handling KfcDEs at all CTEs
- To achieve agreement on a set of routine B2B practices and a framework for legal relationships governing data sharing and data integrity within a global framework for seafood traceability
- B2G: To design a model approach to providing routine access B2G to full CoC information and KfcDEs by governmental import inspectors

GFTC Architecture Project: Key Progress on Data Governance

- Governance Processes
  - Government
  - Solution providers
  - Automated Query & Response Portal (Investigative and Commercial Usage)
  - Virtual Lock Box
- Data ownership retained by businesses
- Transactional Data
  - Suppliers
  - Producers/Farmers
  - Processors
  - Distributors
  - Retailers / FS
- Global Registries
  - Premises Registry
  - Product Registry
  - Participant Registry
  - Movement Registry
  - Terminology Registry
- Regulatory Registries
  - Government
  - Certified access protocols and security
- Consumers
  - Public access protocols and security
- Certifying NGOs
  - Government access protocols and security
Global Dialogue: Anticipated Outputs

- “Hard Outputs”
  - A blueprint/framework for interoperable traceability
  - Standards ready for industry use
  - Agreed upon list of key data elements and their authoritative sources
  - Guidelines and templates for establishing data access rights

- “Soft Outputs”
  - Recommendations on role of technology
  - Aspirational guidelines on long term industry collaboration
  - Best practices in data verification
  - Advice for regulatory harmonization
Thank You!
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