FOOD CHAIN RISK MANAGEMENT SYSTEMS

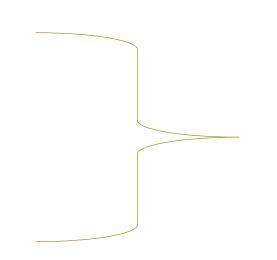
AIMS

We are conducting a project to answer the following questions:

- 1) How can the flow of critical information from stakeholder to stakeholder be improved, both up and down the supply chain?
- 2) Can we identify common principles/specifications to facilitate consistent application given the increase/divergence in technological solutions?

SCOPE

- Integrity/Authenticity
- Food/Feed Safety
- Quality?



Understanding that what is a quality issue to one stakeholder may be a food safety issue elsewhere in the supply chain

WHY IS IFST DOING THIS?

To realise advantages and solve challenges for stakeholders

Advantages	Challenges
Consumer benefits	Degradation of trust
Build trust	Increased regulatory intervention
Facilitate meeting legal obligations	Complexity of supply chain
Foster best practice	Inaccuracy of information
Efficiencies (speed, frictionless borders. waste)	Poor/slow responsiveness
Avoid business disruptions	Lack of technological capability
Freedom to operate	Accessibility restricted
Earned recognition	Risk appetite/uncertainty
Accessible	Cost Misinterpretation or misuse of data

GENERAL PRINCIPLES

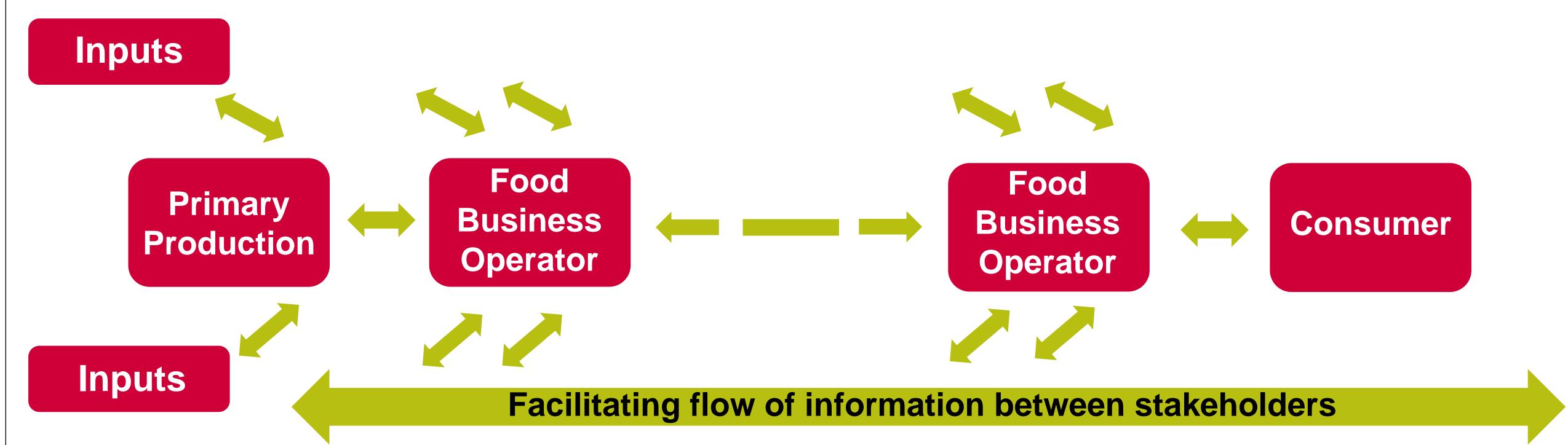
Global – a common best practice standard Accessible – all food chain players Confidential and secure Permit open flow of information Relevant to food chain needs/data format

Relevant to 100d chain needs/data format Real-time batch/lot location in food chain Consumer visibility of information

Build food safety culture

TECHNOLOGICAL PRINCIPLES

Interoperability across technologies
Up and down the supply chain
Security levels of disclosure (different actors)
Open standard
Immutable
Affordable
Independently verifiable





stable

isotope