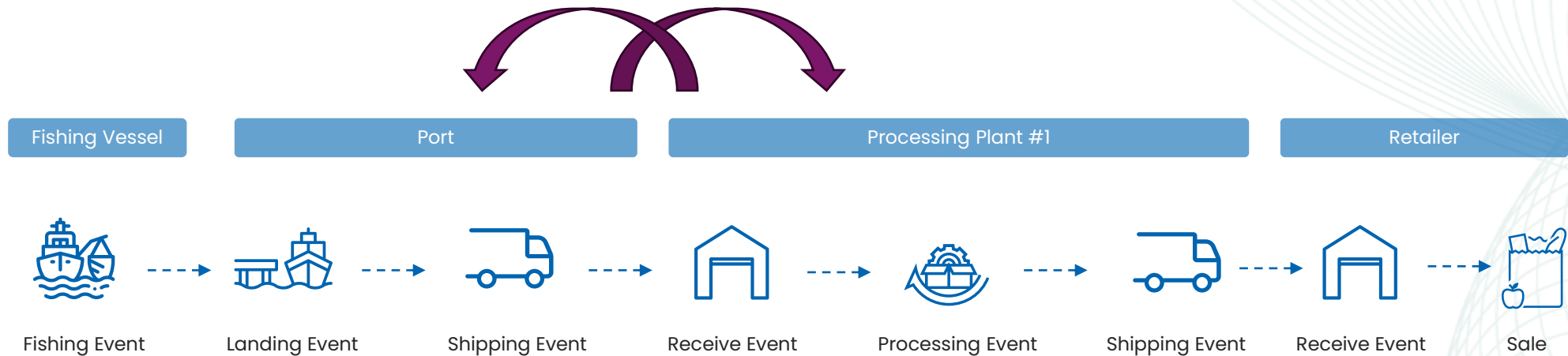# Key challenges:

TECHNOLOGY & DIGITIZATION are NOT THE SOLUTION alone NOR IS LACK OF DATA

The key challenge is how we effectively move data on critical events through the supply chain as inconsistent language & data formats
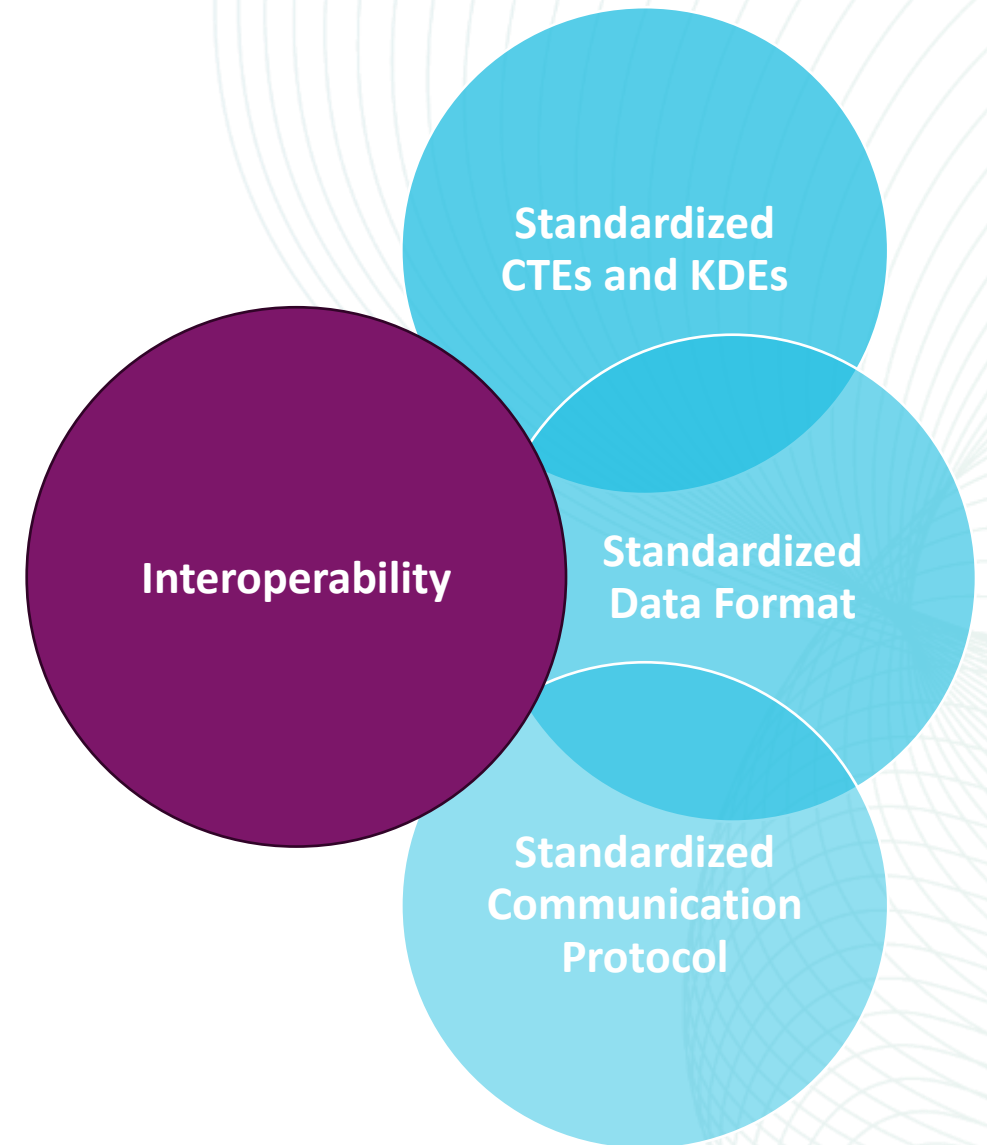
Fishing Vessel	Port	Processing Plant #1	Retailer

Fishing Event → Landing Event → Shipping Event → Receive Event → Processing Event → Shipping Event → Receive Event → Sale

A shared Industry vision on traceability data exchange through cross sector collaboration is key.

Interoperability

Interoperability is the ability of software systems to exchange and interpret data without the need for human intervention.
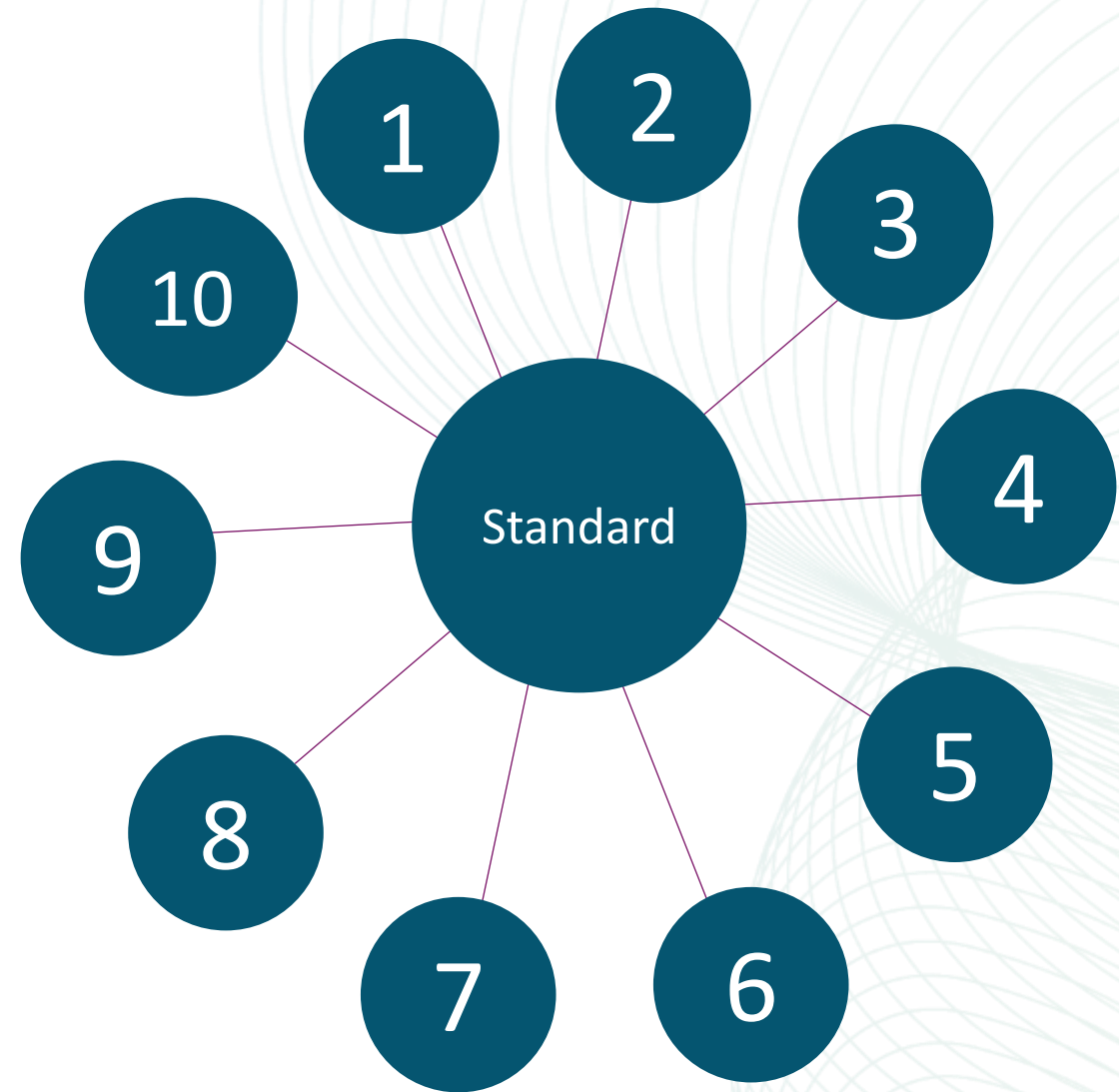
When technology solutions follow a common approach to data collection, formatting, and exchange it allows companies to choose the technology solution that makes business sense for them.

Interoperability

Standardized CTEs and KDEs

Standardized Data Format

Standardized Communication Protocol

Standardization

Standardization **establishes a uniform framework for data exchange**, enabling the development of **scalable tools and open-source resources** and supports seamless communication between systems.

When everyone follows the same standard, **any system adhering to it will be interoperable with any other**, reducing barriers and simplifying integration.

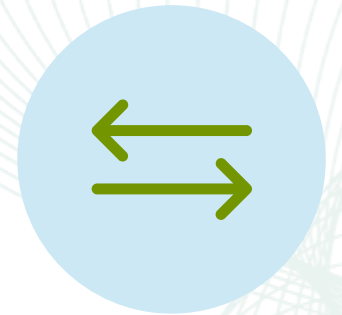# The GDST traceability standard will tell you:

WHAT DATA SHOULD BE COLLECTED

WHEN THAT DATA SHOULD BE COLLECTED

HOW DATA SHOULD BE FORMATTED

HOW DATA SHOULD BE SHARED