FACTS

Funding scheme: HORIZON-CL6-2022-FARM2FORK-01-11

Duration: 3 years, March 2023 – February 2026
Consortium: 45 partners across 20 EU & non-EU countries
Pilot sites: 6 use cases on agri-food value chains
Project Coordinator: University College Dublin







Preventing food fraud through digital and intelligence-based technologies



data verification)

IPFS,

Blockchain (Smart contracts,

QR)

EPCIS,

Traceability (Identification, LOT,

nterface



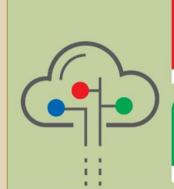
Agencies: Early warnings, access to models and data

Stakeholders: Data provision and management, privacy aspects

Consumers: Integrity verification, fraud detection, access to digital passport

Engineers: Participation in marketplace, provision and testing of algorithm

Applications and Intelligence







Food fraud prevention

Data-based attribute verification Food fraud detection

Risk based food fraud decision

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EARLY WARNING SYSTEM BASED ON ML/AI

Sources Data



IoT Sensors

Spectroscopic

Sensors

DNA-based Sensor

Food Chains historical Data

Multi sensor Food Scanning Device

External Data sources

Interoperability (Data transformations, semantics, aggregation)

PARTNERS









































































HERMES



































