



Conceptual Framework for the DE4FS

For assessing its sustainability, fairness, and inclusiveness based upon literature review and empirical research.



Monitoring System for DE4FS

For empirically monitoring the development, performance and impact of the DE4FS with an online graphical user interface and a back-end system for data interactions.



Stakeholder dialogue

Understanding and mapping stakeholder needs, challenges and values through interviews, focus groups and participatory workshops.



Scenarios, recommendations and a roadmap

Imagining how the data economy can meet those needs featuring:

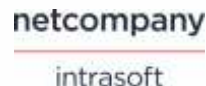
- New value propositions
- Governance and business models
- Technical requirements
- Policy and legal aspects



Data-driven innovations today reshape the way we produce, consume and share food. In doing so, they are transforming our economy and society and these changes are fast and profound.



CONSORTIUM



GET IN TOUCH

info@data4food2030.eu

Project Coordinator:
Mireille van Hilten



FOLLOW US!



data4food2030.eu



Pathways towards a fair, inclusive and innovative Data Economy for Sustainable Food Systems



PARTNERS

24

4

YEARS

COUNTRIES

12

9

CASE STUDIES



Funded by
the European Union
Project No 101059473



Technology



Social Development



Sustainable EU Food System

Our vision is to improve the common understanding of the data economy in the European food system for farmers, processors, traders, consumers and regulators

Define

Specify

...the concept of Data Economy



Towards a common and shared vocabulary

...indicators for progress of Data Economy



Dashboard for monitoring progress

Cooperate

...with existing initiatives in the food sector



• 9 case studies
• Policy recommendations

Real life examples of the data economy for food systems at micro- and meso- economic levels spread across Europe

9 CASE STUDIES

Premium Grain Chain

Manage data flows and infrastructure for sustainability, food quality and traceability data

PIGLink

Make data useful for the farmers and the stakeholders by focusing on interoperability and the seamless data flow between farm equipment and management tools

AgData-Interoperability (TEUDS)

Enable full interoperability of relevant systems and different data sharing architectural patterns across food chains

I4DATA

Improve and increase efficiency of production methods based on full chain data and enable a more circular economy

DIRECT

Extend the use of operational real time data for products traveling through multiple potential data owners

THESIS

Unlock sustainability performance data of food to facilitate integration in B2Retail, B2Finance, BtG and B2B decision making

ZeroFLW

Develop regionally cohesive systemic solutions for collecting and monitoring data, helping vegetable producers, food supply actors and consumer organizations reduce food loss and waste

DaaS

Enable more extensive, safe and simplified inter-sectoral data use and handling in Short Food Supply Chains to increase regional sustainable socio-economic development

AMAFLOW

Valorize food waste stream data to create economic, social, and environmental benefits for the stakeholders and facilitate data economy advancement in AMA