

# Introduction to FNS-Cloud

(visit <https://youtu.be/CMPGjVBgFQQ>)

# Catalogues & Community of Practice



## FNS Cloud Catalogues

Browse FNS Cloud Catalogues, containing information about datasets related to the topics of food, nutrition and security, e-tools like apps and software to manage and analyse data and services, that are provided by FNS Cloud or our verified partners.



## myFNSCloud, Community of Practice

Search the FNS-Cloud toolkit (e.g., guides, manuals), access knowledge (online learning, e.g., webinars), identify events for professional development, and connect with other users to share knowledge.

# Demonstrator 1: Agri-Food



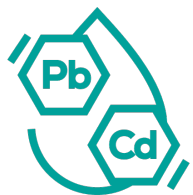
## Traceability Search Engine

Collection, integration, and visualisation of food supply chain data that can be searched to understand how different factors impact food quality, safety, traceability, transparency, and authenticity.



## Food Labelling

Food label information can be sourced directly from barcodes, ingredient lists, and nutritional content data, or indirectly from national and commercial databases, and used to develop policy, measure nutrients exposure and sufficiency, or monitor and promote reformulation.



# Demonstrator 1: Total Diet Studies



## MCRA for professionals

MCRA has modules to address risk assessment including hazard identification and characterisation, and exposure and risk assessments. MCRA has been moved to the cloud creating a flexible environment for training and deployment of the most recent version of MCRA globally.



## FoodMagnifier

New tool to inform end-users (e. g. consumers, risk managers) about contaminants in foods, which can be populated using national TDS data.

# Demonstrator 2: Nutrition & Lifestyle



**foodbook** 24

## Foodbook 24

Web-based, self-administered 24-hour recall tool in multiple languages using the automated multi pass method and collects supplement intakes.



**eNutri**  
MAKING DIETARY ASSESSMENT EASIER

## eNutriApp

Online dietary assessment food frequency questionnaire that also collect supplement intakes.



**Was ich esse** 60+

## WIE60+

Online dietary assessment tool for people living in Germany based on 24-h recall and food frequency.

0. YOUR DATA

1. FIND  
other data

2. IDENTIFY

3. ASSESS  
QUALITY

4. ACCESS

5. MERGE &  
HARMONISE

# Demonstrator 3: NCDs and the microbiome



## Health Microbiome

Workflows that bring together data generated in microbiome studies residing across multiple repositories/sources, facilitating analyses of microbiomes that improve understanding of interactions between diet and the human microbiome.



## Type 2 Diabetes and Hypertension Risk

Self-assessment tool for consumer to determine risk of diabetes and hypertension based on demographic, dietary, and lifestyle data. Algorithms are based on data from Food4Me and Feel4Diabetes involving > 3500 individual from 11 European countries.



## FoodDrug

Bioinformatic pipeline for automatic extraction of potential food-drug interactions from text documents and molecular structures based on integration of public databases, using development of novel algorithms and workflows.