

Food Nutrition Security Cloud for Data Standardisation & Interoperability Changes

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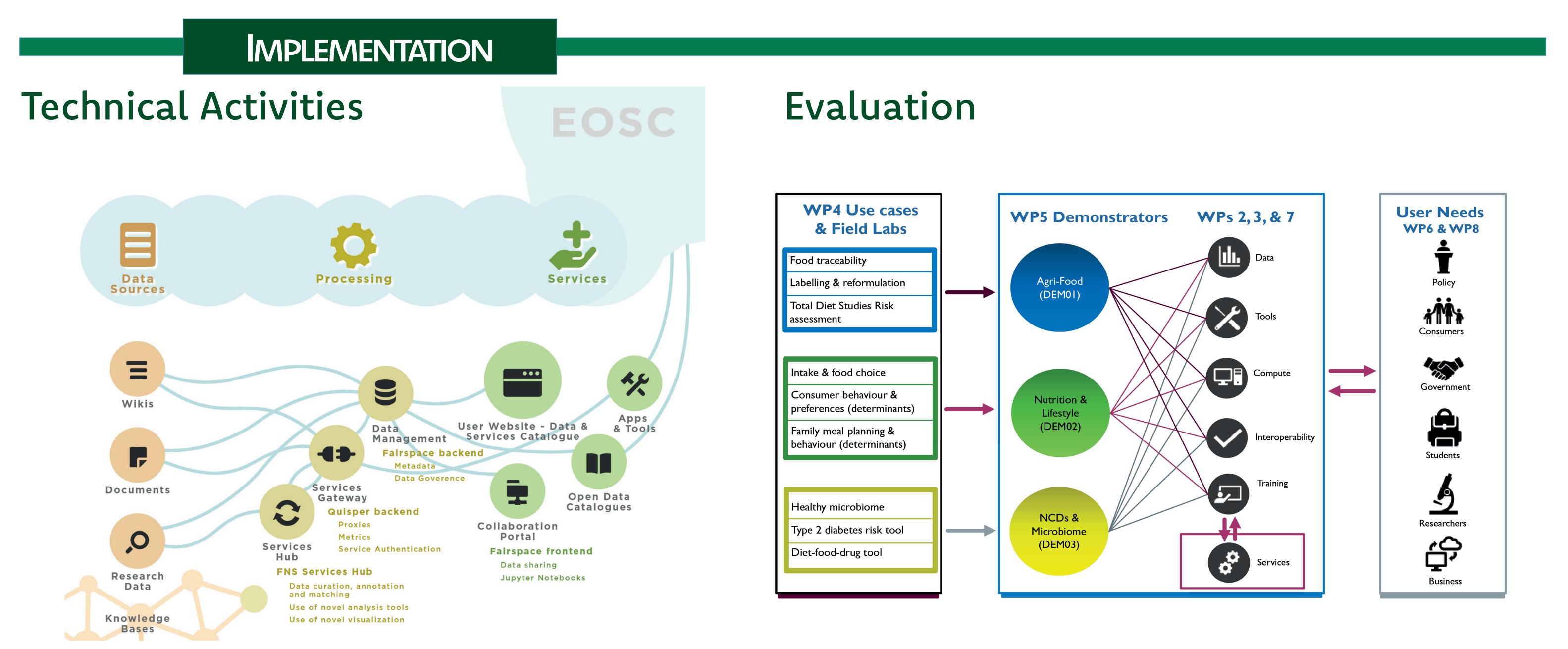
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INTRODUCTION

Food and Nutrition Security Cloud (FNS-Cloud) started on 1st October 2019. This four-year EU-funded project aims to make food- and nutrition-related data FAIRer (findable, accessible, interoperable and re-useable).

OBJECTIVES

- Reduce fragmentation of existing governance models
- Stimulate collaboration amongst FNS-domain researchers and ICT data specialists
- Support a food systems approach to FNS research and innovation, focusing on use cases that address researchers' needs, especially in data intensive fields
- Build on the progress of past projects, integrate existing communities, and make use of learning from parallel thematic initiatives developed under Horizon 2020
- Deploy global standards, advancing best practices for governance and financing



- Easy access to data via advanced user interfaces (for humans) and APIs (for machines)
- EOSC-compatible services for data standardisation and interoperability and knowledge extraction and data reuse

Nine use cases are designed to showcase the applicability of FNS-Cloud data, knowledge, tools, and services in the domains of agri-food, diet and health (e.g. human microbiomes), nutrition, lifestyle and non-communicable diseases.

Governance, business & finance

FNS-Cloud governance, business, and finance model(s) will be based on existing and emerging best practice
Open science and open innovation culture will be at the core of these frameworks as well as education and training.

Discussion

FNS-Cloud fills gaps in the current FNS landscape, since most food-, nutrition- and health-related research infrastructures focus on clinical, molecular or biological sciences.



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