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**Final Design of RI platform for consumer behaviour  
and lifestyle**

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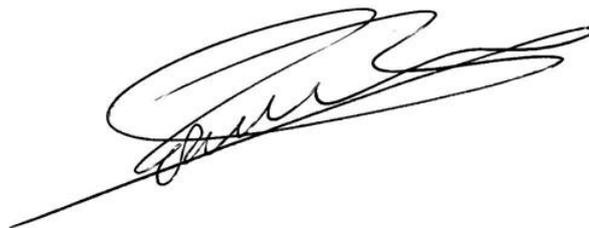
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Version	Notes	Date
001	First draft by Marc-Jeroen Bogaardt	22.05.2018
002	Review by Krijn Poppe	28.05.2018
003	Incorporating comments given during Phase 3 workshop at 4 <sup>th</sup> and 5 <sup>th</sup> June 2018	07.06.2018
004	Final draft by Marc-Jeroen and Trond Selnes	24.08.2018
005	Incorporating comments on chapter 6 send by e-mail by Golboo on 26.08.2018, and by Lan on 24.08.2018. Barbara has given her approval on chapter 4 by e-mail at 27.08.2018, she had no specific comments. On 28.08 and 29.08 and 30.08 MJ has incorporated Krijn's comments on chapter 3 (given by him on 26.08.2018). New chapter 5 provided by Trond on	31.08.2018

	28.08.2018. At 30.08.2018 new draft text of chapter 2 was provided by Pieter van 't Veer, which is incorporated at 31.08.2018.	
006	Incorporating comments given by Krijn Poppe on 03.09.2018, by Karin Zimmermann (by e-mails) on 03.09, 04.09 and 05.09, and by Pieter van 't Veer (by e-mail) on 08.09.2018, and Inge Tetens on 09.09.2018	09.09.2018
007	10.09.2018 meeting with Krijn, Trond and Marc-Jeroen, discussing the comments provided by Inge and Pieter. Drafting a new version on 11.09 and 12.09.2018	14.09.2018
008	17.09 response from FNH-RI board; 18.09 Final conference of RICHFIELDS in Brussels; 03.10 meeting with Krijn Poppe and Trond Selnes. Updating chapter 6 Design of Business model due to new version D12.3. Received list of references of chapter 2 from Pieter van 't Veer	12.10.2018



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## Summary

This report presents the final design of the Food Nutrition and Health's Determinants and Intake Research Infrastructure (FNH's DI-RI) as the main result of the RICHFIELDS project.

As the design of the FNH's DI-RI is a major building block of the broader FNH-RI, the scientific case of FNH-RI is the basis for the design of FNH's DI-RI in this deliverable. This scientific case described in Chapter 2, has been developed as part of the FNH-RI proposal for the EFSRI roadmap 2020. The mission of the FNH-RI is to unite Europe's leading life science research organizations in developing a top-level research infrastructure that enables scientists to link and exploit public-, private- and consumer-generated research data, methodologies, tools and services. The goal is to generate scientific solid data and research methods for a European and global sustainable food system which at the same time improves the individual and public health.

The final design of FNH's DI-RI is presented in chapter 3 with an emphasis on the data and information flows that provide the services of the research infrastructure. The FNH's DI-RI is a distributed research infrastructure. The main components – users, web portal, data, data providers, services, consumer data panel, and the required activities for delivering those data and services - are described in chapter 3. The ICT aspects are further explained in chapter 4 of this report.

The design of the governance of the FNH's DI-RI applies the hub-and-spoke model and the legal status of the FNH's DI-RI is a foundation. Furthermore attention is paid to the internal organisational structure, the management rules for the data, tools and services, and the issue of external relations. Given the importance in the FNH's DI-RI of individual data on food intake by persons, data protection, ethical issues and intellectual property rights are critical aspects of the design.

The design of the business model of the FNH's DI-RI is mainly based on public finance and for a smaller part on donations from private sector. One of the next steps will be the submission of the FNH-RI of which the DI-RI is a main building block, for the preparatory phase of the EFSRI Roadmap.