



HDHL-INTIMIC

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TABLE OF CONTENTS

1	Introduction	1
2	Non-cofunded additional JFA 1: “Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health”	1
2.1	Background information call.....	1
2.1.1	Aim of the call.....	1
2.1.2	Call procedure and time schedule.....	1
2.2	Participating countries and funding organisations	2
2.3	Results of the call per country.....	3
3	Non-cofunded additional JFA 2: “METADIS: Impact of Diet, Food Components and Food Processing on Body Weight Regulation and Overweight Related Metabolic Diseases”	4
3.1	Background information call.....	4
3.1.1	Aim of the call.....	4
3.1.2	Call procedure and time schedule.....	4
3.2	Participating countries and funding organisations	4
3.3	Results of the call per country.....	5
4	Overall participation of ERA-Net and external partners in the non-cofunded additional Joint Funding Actions	6

1 Introduction

HDHL-INTIMIC (INtesTInal MICrobiomics) is the **2nd ERA-Net Cofund** that was established in December 2016 to support the JPI-HDHL. It aims to coordinate national and regional programmes in the area of diet, intestinal microbiomics and health as well as nutrition and health in general, thereby contributing to the implementation of JPI HDHL objectives.

14 funding organisations from 9 JPI HDHL partner countries (listed in table 5) combined their efforts to fund excellent research projects and support the establishment of a transnational and transdisciplinary Knowledge Platform. First, a joint transnational call on the "Interrelation of the Intestinal Microbiome, Diet and Health" cofunded by the European Commission was launched in January 2017. This call aimed on gaining knowledge on the basic understanding of the gut microbiome and its causal relation to health, the impact of dietary components and strategies for preventive and therapeutic applications. Complementary to this research call, a comprehensive "Knowledge Platform for Intestinal Microbiomics, Diet and Health" was launched in September 2018 as an additional non-cofunded joint funding action (JFA1). This additional JFA1 aimed to support networking between the research consortia that were funded under HDHL-INTIMIC as well as the ones funded through previous JPI HDHL joint actions such as "Intestinal Microbiomics" (IM) or other relevant initiatives in this research field. Next to this, another non-cofunded JFA 'METADIS' (JFA2) is currently being implemented to fulfil the JPI HDHL objectives.

This deliverable focusses on the participation of funding organisations/countries in the ERA-Nets' non-cofunded additional JFAs: 1 "Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health" and 2 "METADIS: Impact of Diet, Food Components and Food Processing on Body Weight Regulation and Overweight Related Metabolic Diseases"

2 Non-cofunded additional JFA 1: "Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health"

2.1 Background information call

2.1.1 Aim of the call

The overall aim of the Knowledge Platform (KP) on Food, Diet, Intestinal Microbiomics and Human Health is to foster transnational and multidisciplinary collaboration and networking in order to accelerate, further develop and increase the impact of intestinal microbiome research related to human health.

For this, participating funding agencies bring together research groups from various disciplines to form a transnational consortium to design and implement the Knowledge Platform. The platform will for example carry out joint multidisciplinary activities aiming at integrating expertise, knowledge, facilities and databases in areas such as biology, medicine, nutrition and (bio) informatics.

2.1.2 Call procedure and time schedule

This KP call was implemented in a 3-step procedure:

1. Expression of Interest (EoI)
2. Networking Meeting
3. Joint proposal (including peer review process)

Within the first stage of implementation of the KP, interested researchers or research groups submitted an EoI letter to the JPI HDHL, followed by the selection of KP members based on national procedures. In the second step -the Networking Meeting- the selected KP members were brought

together for the first time to facilitate the start of the development of a joint proposal. After a three months preparation phase, the KP members submitted one joint proposal outlining the aims and activities of the KP. In the last step, a Scientific Evaluation Committee (SEC) evaluated the joint platform proposal (peer review procedure). The exact time schedule of the implementation of the KP can be found in table 1 underneath.

Table 1 Call time schedule non-cofunded JFAI

When	What
September 4, 2018	Publication of the call
October 9, 2018	Submission deadline Expression of Interest
October 26, 2018	Call Steering Committee (CSC) meeting selection platform members
October 30, 2018	Communication of selected platform members + invitation to Network Meeting
November 20, 2018	Network meeting
February 20, 2019	Deadline submission joint network proposal
March 26 and 28, 2019	SEC and CSC meeting for proposal evaluation
April 1, 2019	Communication decision (funding, revision or no funding)
April 16, 2019	Deadline revision
April 29, 2019	SEC meeting revision + final funding decision CSC
Early May 2019	Communication of final decision to platform coordinator

2.2 Participating countries and funding organisations

Table 2 presents an overview of the 9 participating countries and their respective funding agencies that participated in this call. Except for INRA and INSERM, these funding agencies already participated in the HDHL-INTIMIC cofunded call. Most funders provided in addition fresh funding (*in kind* or *in cash*) for the activities of the Knowledge Platform. Other funding organisations (marked with * in the table) had no funding available to support additional activities of the KP, but participated via their already funded projects in the HDHL-INTIMIC cofunded call. Part of the budget granted in these projects can be used to participate in the KP.

Table 2 Participating countries and funding organisations including the available budgets for the non-cofunded JFAI

Country	Funding organisation(s)	Short name	Earmarked budget
Austria (AT)	Austrian Research Promotion Agency (for Federal Ministry of Education, Science and Research)	FFG (for BMWFV)	€99.900,-
Belgium (BE)	Flanders Research Institute for Agriculture, Fisheries and Food	ILVO	<i>in kind</i>
France (FR)	French National Institute for Agricultural Research	INRA	<i>in kind</i>
	French National Institute of Health and Medical Research	INSERM	<i>in kind</i>

Germany (DE)	Federal Office for Agriculture and Food (for Federal Ministry of Food and Agriculture)	BLE (for BMEL)	€100.000,-
	Project Management Agency in the German Aerospace Center (for Federal Ministry of Education and Research)	DLR (for BMBF)	€500.000,-
Israel (IL)	Ministry of Science, Technology and Space	MOST	€200.000,-
Italy (IT)	Italian National Institute for Health	ISS	€50.000,-
	Ministry of Agriculture, Food, Forestry and Tourism Policies	MIPAAFT	€250.000,-
	Ministry of Education, University and Research	MIUR	<i>in kind*</i>
Netherlands (NL)	Netherlands Organisation for Health Research and Development	ZonMw	€200.000,-
Spain (ES)	Spanish State Research Agency	AEI	<i>in kind*</i>
	National Institute of Health Carlos III	ISCIII	€50.000,-
Sweden (SE)	Swedish Research Council Formas	FORMAS	<i>in kind*</i>

2.3 Results of the call per country

In total, 69 eligible EoIs were submitted from 9 different countries. 55 out of 69 research groups were selected to join the KP “Intestinal Microbiomics”. Of those, 53 research groups actually joined the KP. Figure 1 shows the number of eligible EoIs that initially were submitted and the number of EoIs that got selected to join the KP per country.

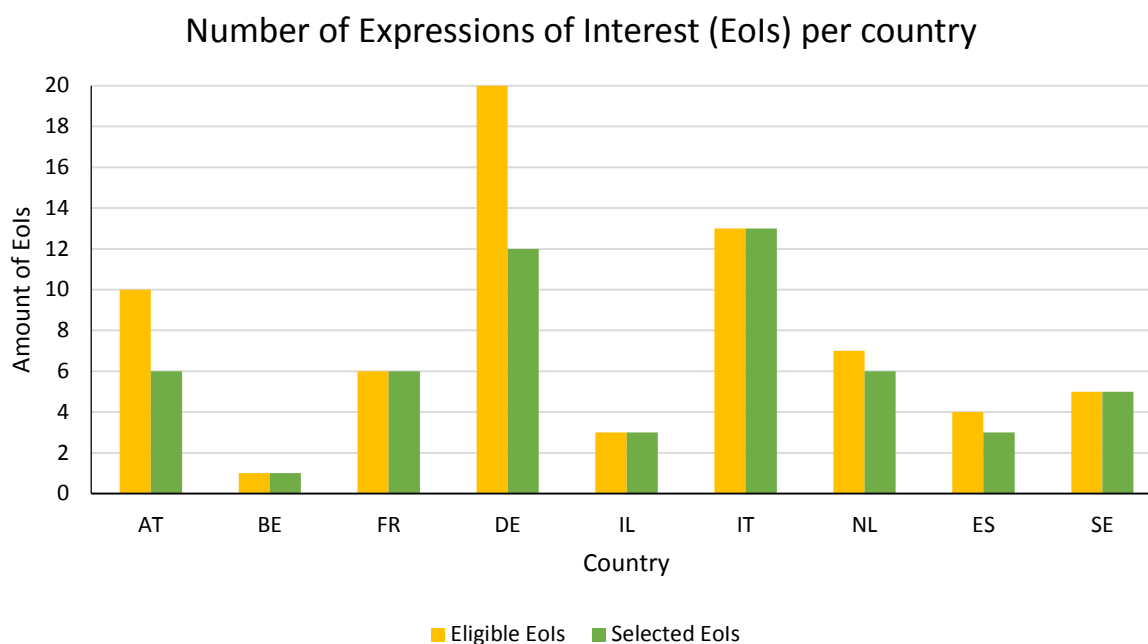


Figure 1 Number of eligible Expressions of Interest (EoIs) submitted and number of EoIs selected per country.

3 Non-cofunded additional JFA 2: “METADIS: Impact of Diet, Food Components and Food Processing on Body Weight Regulation and Overweight Related Metabolic Diseases”

3.1 Background information call

3.1.1 Aim of the call

The aim of this call is to support transnational, collaborative research projects that address important research questions regarding the effects of food (components) or diets and/or food processing on overweight and related metabolic diseases. An additional objective is to support Early Career Scientists (ECSs) in the area of food, nutrition and health. Hence, proposals must include training of Early Career Scientists such as mobility and lab visits of ECSs between partners of the consortium or implementation of summer school(s).

3.1.2 Call procedure and time schedule

The call is currently being implemented in a two-stage procedure: pre-proposals and full proposals. The time schedule is depicted in the table below. Currently, the selection of pre-proposals is in process.

Table 3 Call time schedule non-cofunded JFA2

When	What
February 5, 2019	Publication of the call
April 2, 2019	Submission deadline pre-proposals
May 28, 2019	Communication of selected pre-proposals
July 9, 2019	Submission deadline full proposals
October, 2019	Announcement of the results

3.2 Participating countries and funding organisations

Table 4 presents an overview of the 1 participating countries and 13 funding agencies that provide funding for the METADIS call.

Table 4 Participating countries and funding organisations including the available budgets for the non-cofunded JFA2

Country	Funding organisation(s)	Short name	Committed budget
Belgium (BE)	Fund for Scientific Research - FNRS	F.R.S.-FNRS	€200.000,-
Czech Republic (CZ)	Ministry of Education, Youth and Sports	MEYS	€500.000,-
France (FR)	French National Research Agency	ANR	€1.500.000,-
Germany (DE)	Federal Office for Agriculture and Food (for Federal Ministry of Food and Agriculture)	BLE (for BMEL)	€500.000,-

	Project Management Agency in the German Aerospace Center (for Federal Ministry of Education and Research)	DLR (for BMBF)	€2.000.000,-
Israel (IL)	Ministry of Science, Technology and Space	MOST	€400.000,-
Italy (IT)	Italian National Institute for Health	ISS	€250.000,-
	Ministry of Agriculture, Food, Forestry and Tourism Policies	MIPAAFT	€250.000,-
Latvia (LV)	Ministry of Education and Science	IZM	€300.000,-
Netherlands (NL)	Netherlands Organisation for Health Research and Development	ZonMw	€750.000,-
Norway (NO)	Research Council of Norway	RCN	€2.000.000,-
Spain (ES)	National Institute of Health Carlos III	ISCIII	€250.000,-
Sweden (SE)	Swedish Research Council Formas	FORMAS	€900.000,-

3.3 Results of the call per country

In total, 42 pre-proposals have been submitted at a first stage, of which 39 were formally eligible. Figure 5 presents the number of eligible pre-proposals that were submitted per country and funding agency. Currently, the selection of pre-proposals to be invited for submission of a full proposal is in process.

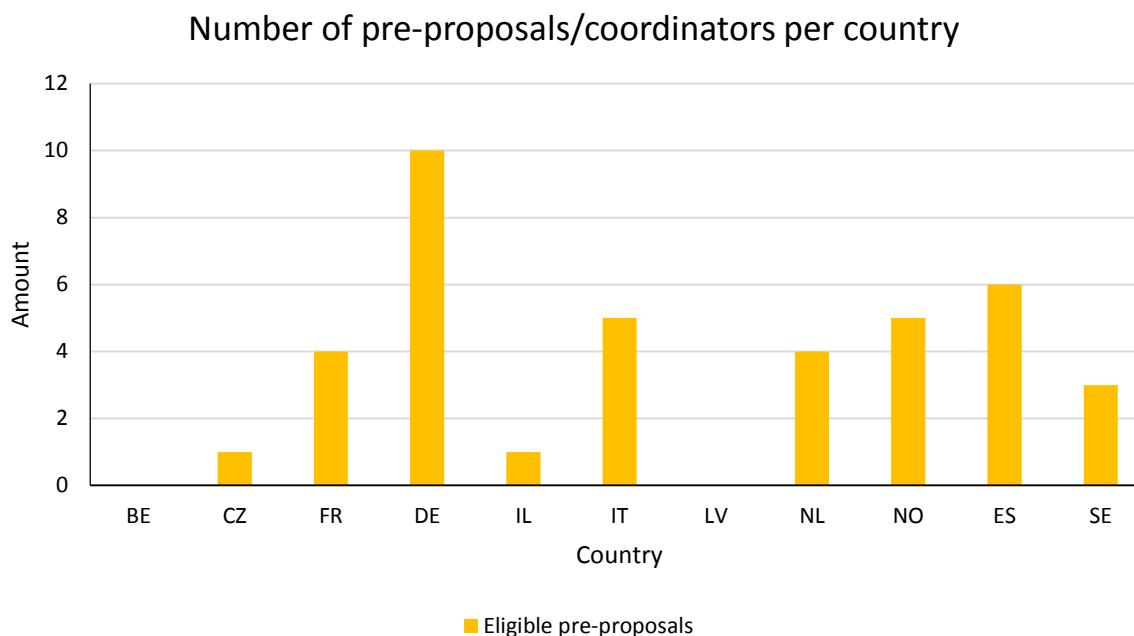


Figure 2 Number of eligible pre-proposals submitted per country.

4 Overall participation of ERA-Net and external partners in the non-cofunded additional Joint Funding Actions

Table 5 and 6 give an overview of the ERA-Net partners and external partners respectively, that participated in one, both, or none of the non-cofunded additional calls.

Table 5 ERA-Net partners (funding organisations) participating in additional JFA1 and/or JFA2 are indicated with “X”.

Country	Funding organisation	Short name	JFA1	JFA2
Austria (AT)	Federal Ministry of Education, Science and Research	BMWFV	X	
Belgium (BE)	Flanders Research Institute for Agriculture, Fisheries and Food	ILVO	X	
	Fund for Scientific Research - FNRS	F.R.S.-FNRS		X
France (FR)	French National Research Agency	ANR		X
Germany (DE)	Federal Office for Agriculture and Food	BLE	X	X
	Federal Ministry of Food and Agriculture)	BMEL		
	Project Management Agency in the German Aerospace Center (for Federal Ministry of Education and Research)	DLR (for BMBF)	X	X
Israel (IL)	Ministry of Science, Technology and Space	MOST	X	X
Italy (IT)	Ministry of Agriculture, Food, Forestry and Tourism Policies	MIPAAFT	X	X
	Ministry of Education, University and Research	MIUR	X	
Netherlands (NL)	Netherlands Organisation for Health Research and Development	ZonMw	X	X
Spain (ES)	National Institute of Health Carlos III	ISCIII	X	X
	Ministry of Economy and Competitiveness/ Spanish State Research Agency	MINECO/AEI	X	
Sweden (SE)	Swedish Research Council Formas	FORMAS	X	X

Table 6 External partners (funding organisations) participating in additional JFA1 and/or JFA2 are indicated with “X”.

Country	Funding organisation	Short name	JFA1	JFA2
Czech Republic (CZ)	Ministry of Education, Youth and Sports	MEYS		X
France (FR)	French National Institute for Agricultural Research	INRA	X	
	French National Institute of Health and Medical Research	INSERM	X	

Italy (IT)	Italian National Institute for Health	ISS	X	X
Latvia (LV)	Ministry of Education and Science	IZM		X
Norway (NO)	Research council of Norway	RCN		X

Figure 3 shows the geographical distribution of countries participating in one or both of the additional joint actions, and figure 4 demonstrates how many ERA-Net and external partners participated.

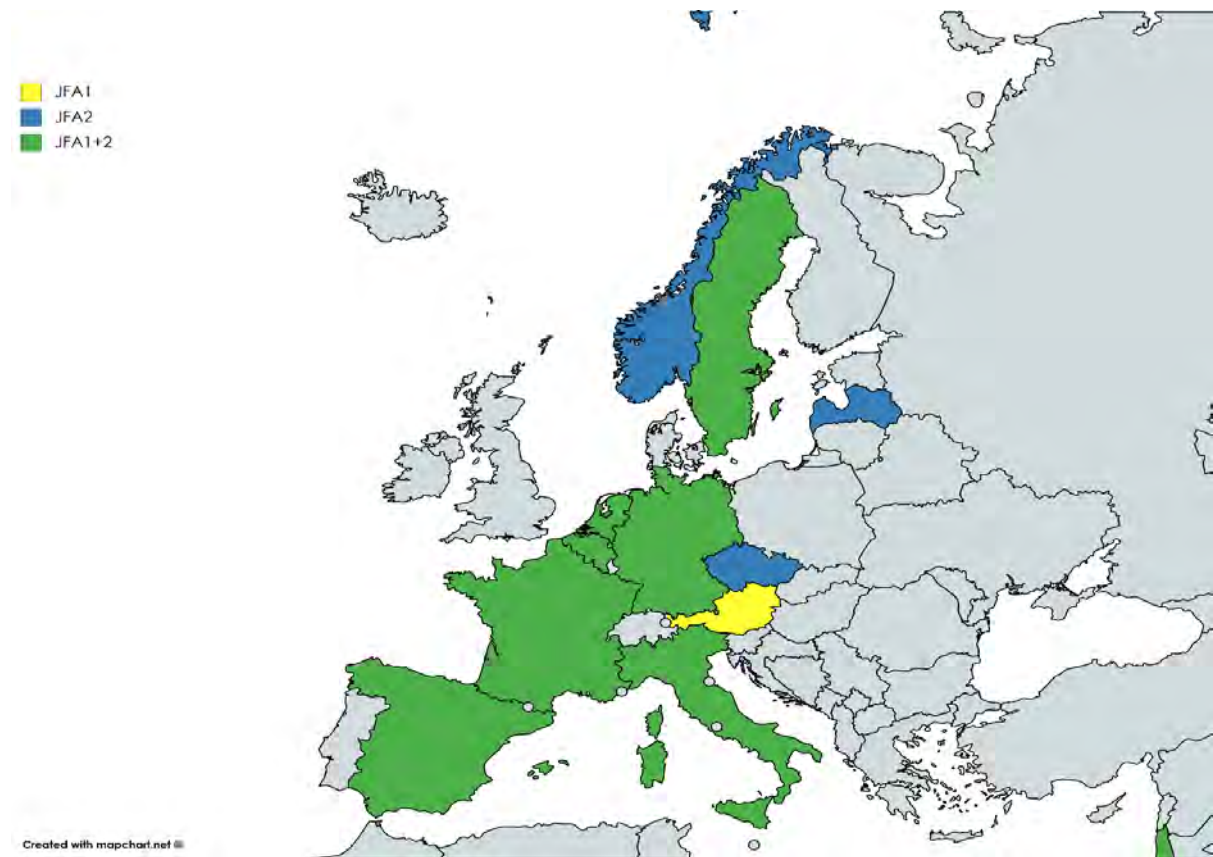


Figure 3 Geographical distribution of the countries participating in JFA1 (yellow), JFA2 (blue) or in both (green) of the additional calls.

ERA-Net and external partners participation in the additional JFAs

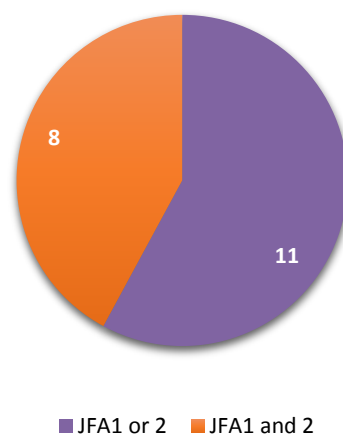


Figure 4 Number of partners (funding agencies) that participate in one (purple) or both (orange) of the additional calls.

To conclude 19 funding agencies from 12 different countries participated in one or both of the additional INTIMIC calls (table 5, 6 and figure 3). These 19 participating funding agencies consist of 13 ERA-Net partners and 6 external partners. Finally, figure 3 and 4 show that **all ERA-Net partner countries participated in the additional calls**. 11 funding agencies participated in one of them and 8 funders participated in both non-cofunded calls (figure 4).