

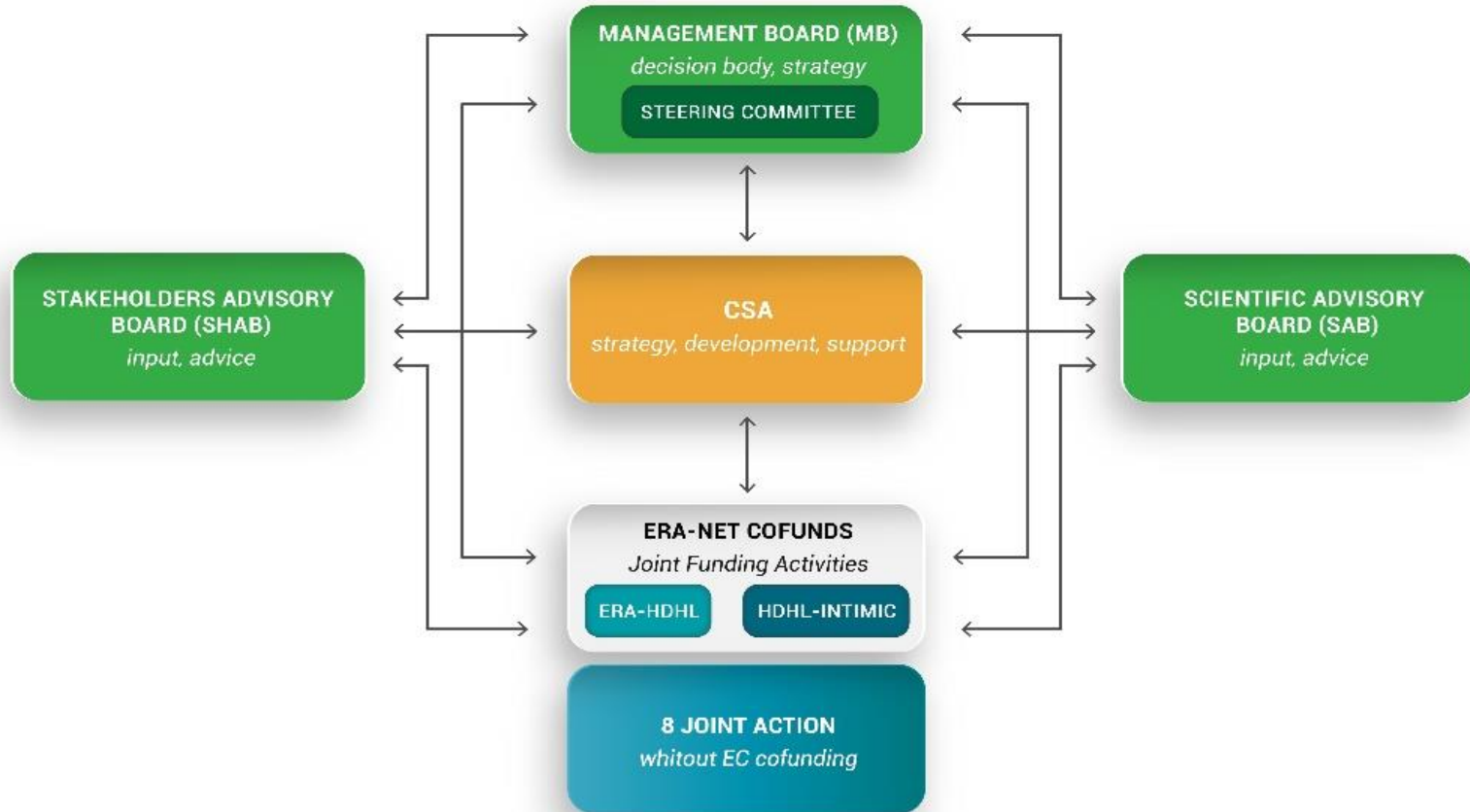
JPI healthy diet for a healthy life – aligning research programmes in food, nutrition and health

Martijntje Bakker,
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VISION JPI HDHL

"In 2030 all citizens will have the motivation, ability and opportunity to consume a healthy diet from a variety of foods, have healthy levels of physical activity and the incidence of diet-related diseases will have decreased significantly."

STRUCTURE OF JPI HDHL



Our Members



Structure of the SRA

Research Area 1

Determinants of
Diet & Physical
Activity

*Ensuring the healthy
choice is the easy
choice*

Research Area 2

Diet & Food
Production

*Developing healthy,
high quality, safe
and sustainable
foods*

Research Area 3

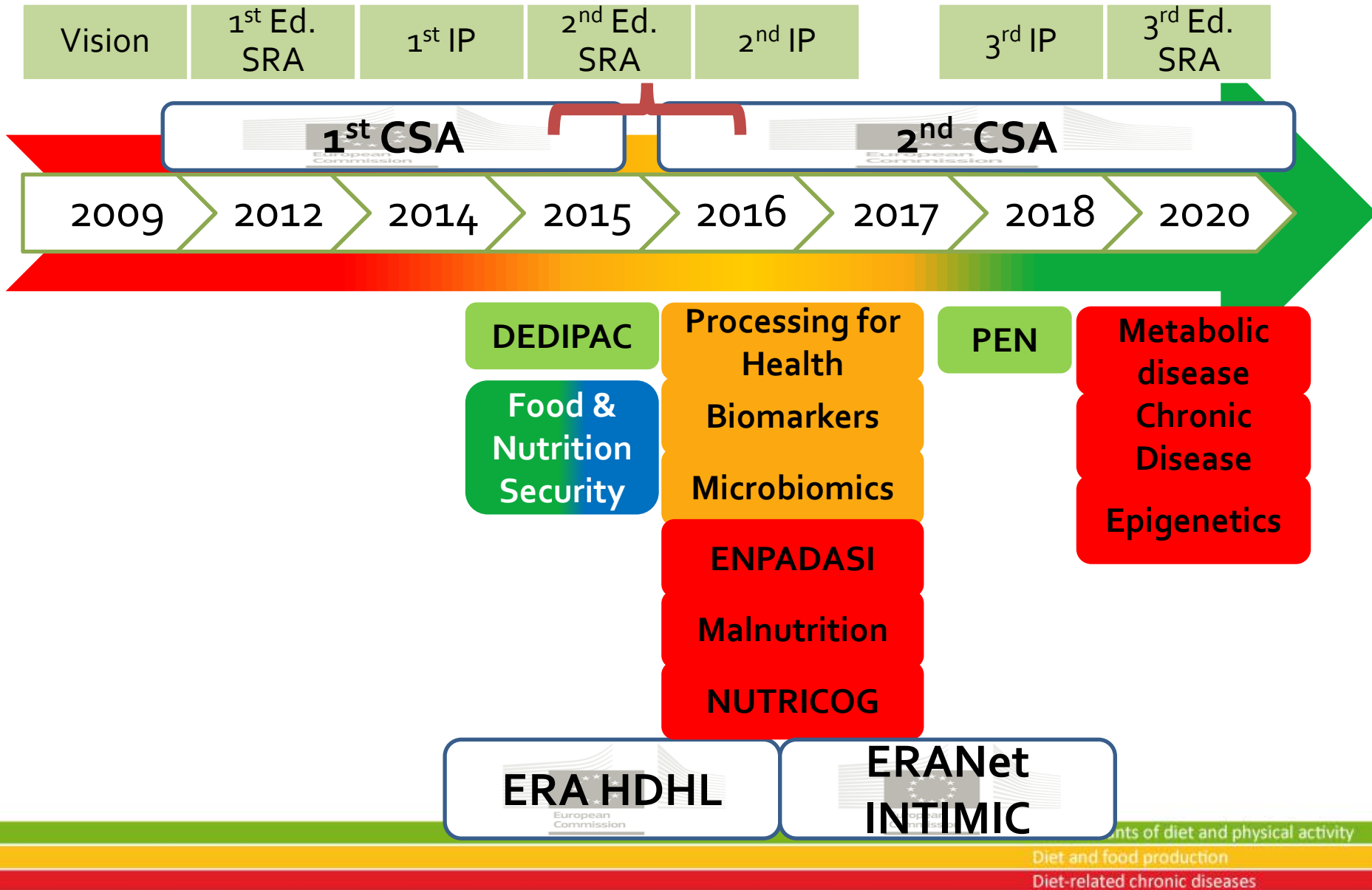
Diet & Chronic
Disease

*Preventing diet related
chronic diseases and
increasing the
quality of life*

Horizontal Activities



JPI HDHL – the story so far



Some Facts and Figures

- 3 times per year meeting with 21-26 countries about strategy & collaboration of research in the area of food, nutrition and health
- 4 international conferences
- 12 international funding activities – bringing together ca. 80 million euro's of governmental funding
- Over 250 research institutes working together
- Website: ca. 30.000 unique visitors per year

International funding activities

- **Knowledge Hubs:**
 - DEDIPAC – determinants on Dietary and Physical Activity
 - ENPADASI – European Nutrition Datasharing Initiative
 - Malnutrition in the Elderly
 - Policy Evaluation Network (under review)
 - Developed: Food and Nutrition Security (jointly with FACCE JPI & JPI OCEANS)
- **Targeted calls**
 - Intestinal Microbiomics, 2x
 - Biomarkers for Nutrition and Health, 2x
 - Food Processing for Health
 - Nutrition and Cognitive Function
 - Announced: Nutrition and the Epigenome

TARGETED CALLS



- ❑ Identified area that need large investment and would benefit from international collaboration
- ❑ Mainly in cash from countries – in case of ERA-NET COFUND with contribution EC.
- ❑ Virtual common pot

- ❑ Unexpected combinations – selection by the countries (multidisciplinairity)
- ❑ Networking, standardisation, roadmap
- ❑ In cash & in kind contributions
- ❑ Virtual common pot



Van Gogh Roosegaarde bicycle path

EXAMPLE: DEDIPAC Knowledge Hub

- 13 countries; 46 research centres; over 300 researchers
- Dec 2013 – Dec 2016
- 17 million euro; 7.5 million in cash & 10 million in kind
- Aim: better understand how biological, psychological and sociological factors influence consumer decision making & how to translate that knowledge into strategies of effective disease prevention.
- What
 - Collecting and harmonization of data
 - Mapping of determinants of dietary, physical activity and sedentary behaviour
 - Evaluation and benchmarking of public health and policy interventions to improve lifestyle behaviour

ABOUT DEDIPAC

3 BEHAVIOURS



300 RESEARCHERS

68 RESEARCH INSTITUTES

>10 SCIENTIFIC DISCIPLINES

13 EUROPEAN COUNTRIES



"By 2030 all citizens will have the motivation, ability and opportunity to consume a healthy diet from a variety of foods, have healthy levels of physical activity and that the incidence of diet-related diseases will have decreased significantly." - JPI HDHL

Contact & more info:

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DEDIPAC
Determinants of diet & physical activity



DEDIPAC

KNOWLEDGE HUB

2013 - 2016



DETERMINANTS OF DIET & PHYSICAL ACTIVITY

Furthering the research of the causes
of the causes of major
non-communicable diseases

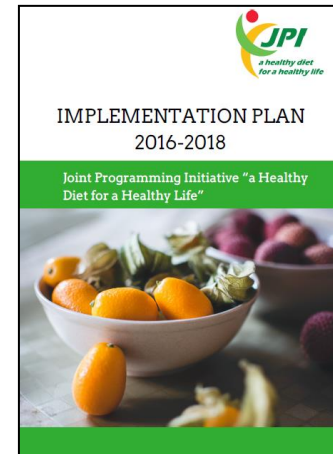
EXAMPLE KNOWLEDGE HUB: „Effectiveness of existing policies for lifestyle interventions“

Objective:

To understand the effect and impact of existing policy interventions

Aim of the call:

Establishment of a **multi-disciplinary** research network for the **monitoring, benchmarking and evaluation of policies** that **affect dietary and physical activity as well as sedentary behavior** with a standardized approach across Europe



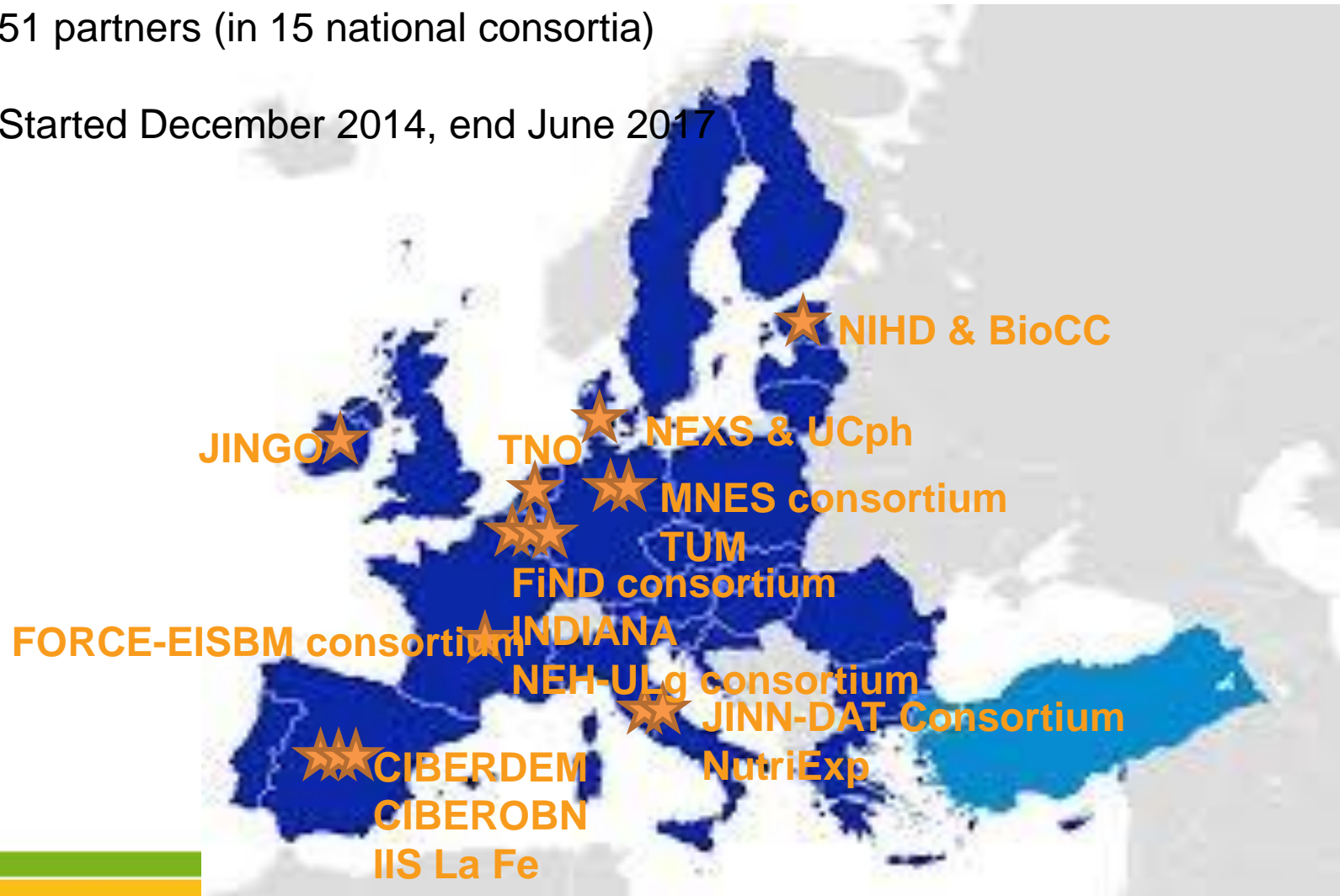
EXAMPLE: ENPADASI

- The main objective of ENPADASI is to deliver an open access **research infrastructure** that will enable **querying and sharing data** from a wide variety of nutritional studies, ranging from mechanistic/interventions to epidemiological studies including a multitude of phenotypic outcomes that will facilitate **combined analyses** in the future

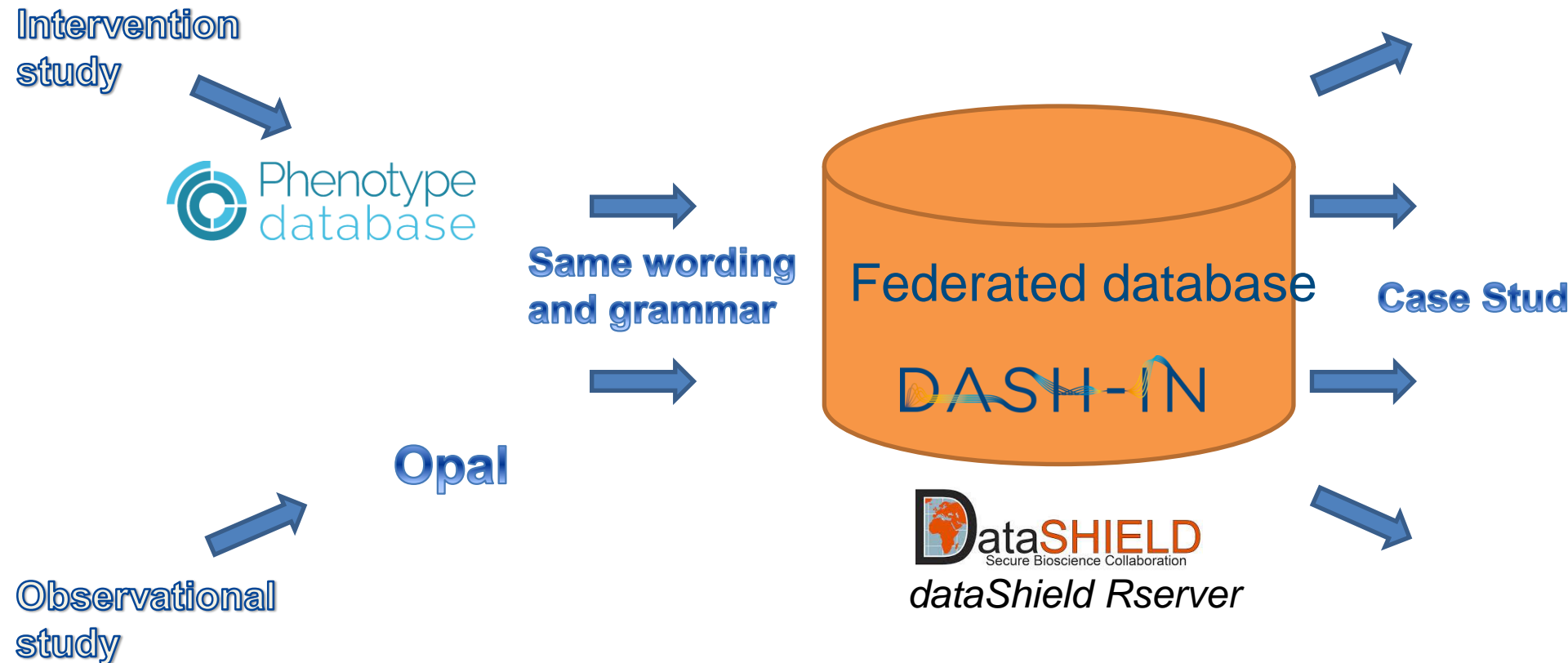
ENPADASI Consortium

51 partners (in 15 national consortia)

Started December 2014, end June 2017



Goal: reuse of data



EXAMPLE CALL „ Interrelation of the Intestinal Microbiome, Diet and Health“

Cofunded call within HDHL-INTIMIC:

- Launched January 2017
- **Aim:** Support multinational, collaborative research projects addressing **cause-and-effect relationships between diet, the intestinal microbiome and human health.**
 - basic understanding of the gut microbiome and its causal role in human health and/or the onset of chronic diseases
 - influence of dietary components on the composition and functioning of the gut microbiome and consequent physiological effects on the host
 - novel microbiome-targeted strategies and food products for preventive and therapeutic applications



Call Participants:

9 JPI HDHL partner countries, 12 funding organisations

Country	Funding Organisation	Earmarked Budget (€)
Austria	BMWFV	300.000
Belgium	ILVO	150.000
Belgium	FNRS	200.000
France	ANR	1.500.000
Germany	BMEL/ BLE	500.000
Germany	BMBF / DLR	2.000.000
Israel	MoST	350.000
Italy	MIUR	750.000
The Netherlands	ZonMw	1.000.000
Spain	ISCI	500.000
Spain	MINECO	900.000
Sweden	FORMAS	900.000
Total		9.050.000

Determinants of diet and physical activity

Diet and food production

Diet-related chronic diseases