



## JPI HDHL – achievements and future plans

Determinants of diet and physical activity

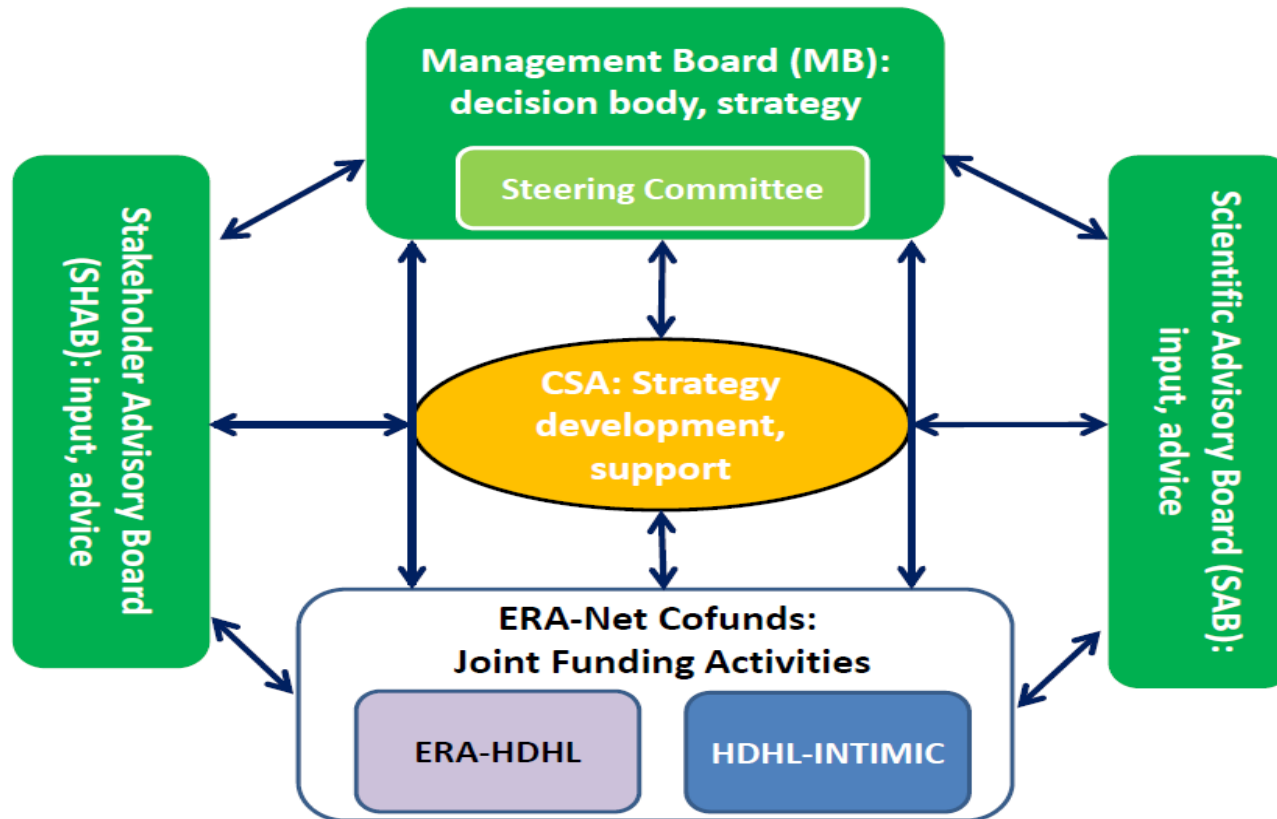
Diet and food production

Diet-related chronic diseases

# Our Members & our vision



"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 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*

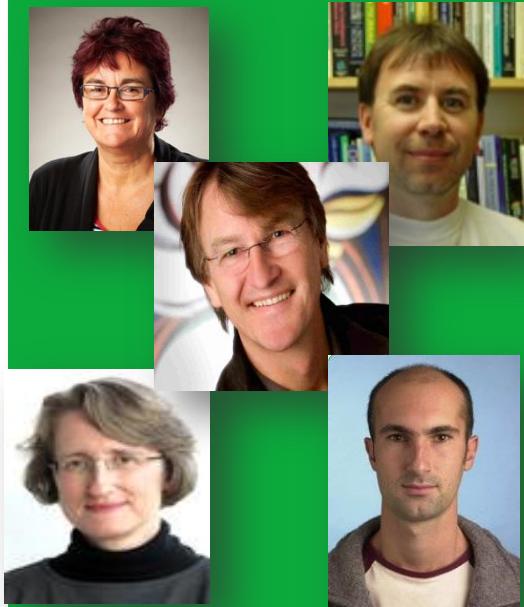
## Research Area 3

Diet & Chronic  
Disease  
*Preventing diet related  
chronic diseases and  
increasing the  
quality of life*

## Horizontal Activities

# Scientific Advisory Board

## Research Area 1 Determinants of Diet & Physical Activity



## Research Area 2 Diet & Food Production



## Research Area 3 Diet & Chronic Disease



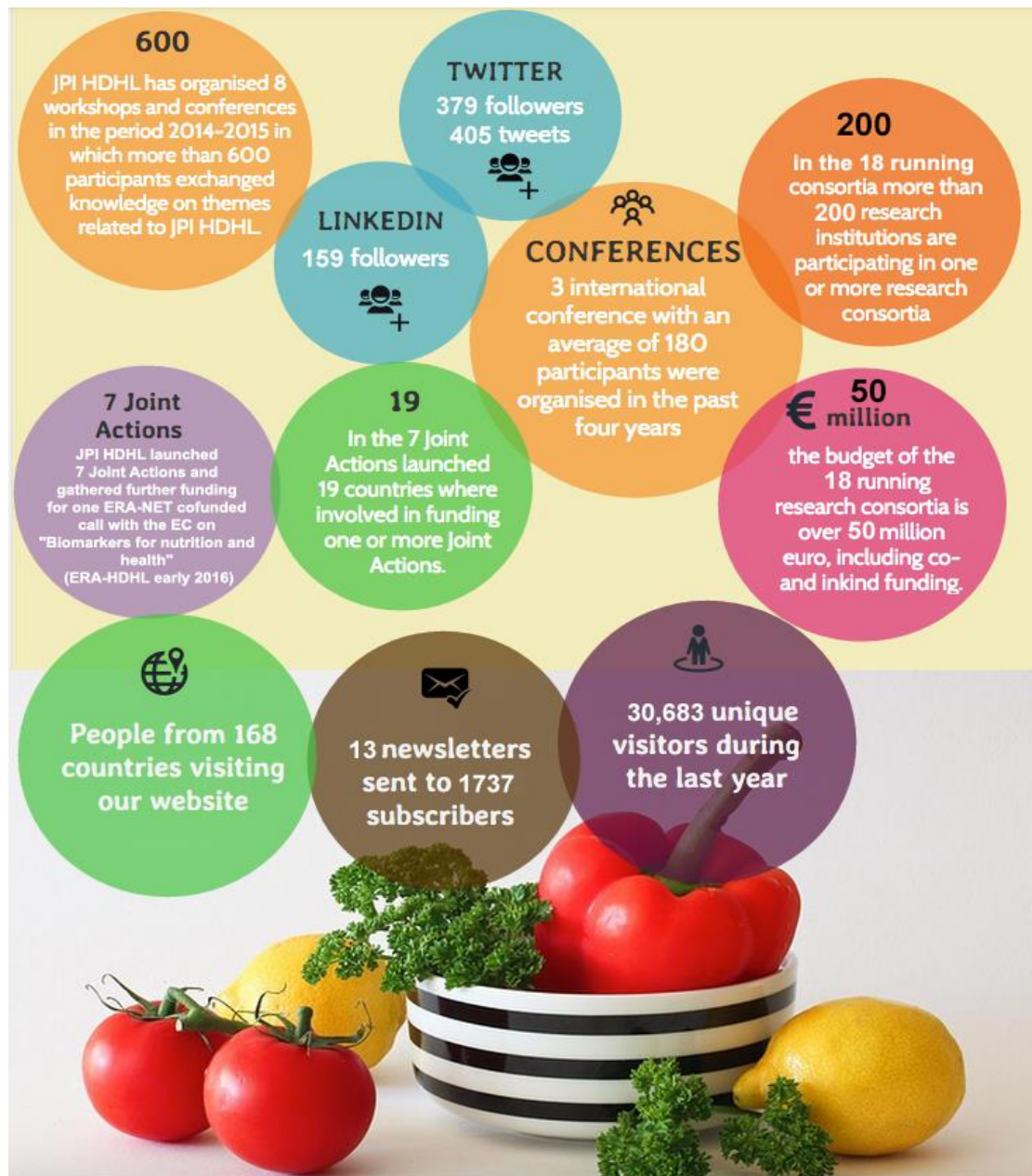
# Stakeholder Advisory Board

## Research Area 1 Determinants of Diet & Physical Activity

## Research Area 2 Diet & Food Production

## Research Area 3 Diet & Chronic Disease





# Joint Actions – 2012 - 2014

## Determinants of Diet & Physical Activity

**Started dec 2013**

**47 partners – from 12 MS  
€17m invested;**

**Aim:** understand the determinants of dietary, physical activity and sedentary behaviours and to translate this knowledge into a more effective promotion of a healthy diet and physical activity.

## Roadmap Initiative for Biomarkers of Nutritional / Health Claims

**Started dec 2014**

**FOODBALL – 11 countries – 20 organisations:**

**Aim:** a systematic exploration and validation of biomarkers to obtain a good coverage of the food intake in different population groups within Europe

**MIRDIET – 3 countries:**

**Aim:** identify differential responses of specific circulating mRNAs that occur during assessed dietary interventions in individuals with various metabolic status.

## European Nutritional Phenotype Data Sharing Initiative

**Started dec 2014**

**51 partners – from 9 MS**

**Aim:** open access research infrastructure – data from wide variety of studies ranging from mechanistic/ interventions to epidemiological studies including a multitude of phenotypic outcomes.



# NEW Joint Actions pillar 2: Diet & Food Production

## Food processing for Health

- **PROHEALTH – 5 research institutions.** Aim: Innovative processing to preserve positive health effects in pelagic fish products. Coordinator – Prof. Turid Rustad, Norwegian University of Science and Technology/NTNU (NO)
- **LONGLIFE – 3 MS – 7 research institutes.** Aim: Food Fermentation for Purpose: Health Promotion and Biopreservation. Coordinator – Prof. Catherine Stanton, Teagasc (IE)

## Intestinal microbiomics

- Six research consortia with a total budget of ca. 7 million euros and researchers from 10 different countries (Canada, China, Denmark, France, Germany, Ireland, Italy, Netherlands, Spain and the UK).

# NEW Joint Actions pillar 3: DIET & Chronic Diseases

## MaNuEL – Malnutrition in the Elderly

- **22 researchers– 7 countries** Austria, France, Germany, Ireland, New Zealand, Spain and The Netherlands. **Budget ca. 1 M**
- **Aim:** to support transnational networking activities on the definition of malnutrition in the elderly and to enable identification of groups of elderly people that will benefit from nutrition interventions in different settings (e.g. home care, nursing homes, hospitals) and countries. The activities of the KH will contribute to the development of a productive and sustainable competence network in the field of malnutrition.

## NUTRICOG

- **5 projects 26 researchers– 9 countries** Austria, Germany, France, Ireland, Italy, Spain, the Netherlands, Poland and the United Kingdom. **Budget ca. 5,7 M**
- **Aim:** To support innovative, transnational research projects addressing important questions relating to the interplay between nutrition and cognitive function. This knowledge will lay the basis for dietary preventive strategies and recommendations to guide individuals and populations towards health promoting dietary habits.

# Key Objectives & KPI's 2016-2018

## Scientific & Evidence-based recommendations for policy

- 7 national workshops on alignment; at least 3 workshops with focus on interaction researchers & policy makers; active stakeholder forum with at least 1-2 key players from industry and community perspective; 75% of funded research will have a policy document as a main deliverable.

## Research leadership

- At least 4 Joint Actions, 75% of JPI HDHL member countries involved in at least one of these JA.

## Partnerships

- Collaboration with at least 2 JPIs on a operational level; collaboration with at least one third country at operational level

# National Alignment 2016-2018

Meeting of funding  
bodies

Relationships with  
Ministries of Health

**NATIONAL  
ALIGNMENT**

Toolkit for national  
alignment

Targeted communication  
materials

# EUROPEAN ALIGNMENT 2016-2018



## Stakeholders

- SHAB
- STAKEHOLDER FORUM

## Related initiatives

- Partnerships of JPI Members, SAB & SHAB
- Strategy and prioritisation (e.g. Nutrition Security)

## European Commission

- Clear connection with EC strategy e.g. H2020; funding activities DG Sante)

# Future Joint Actions (2016-2018)

## Pillar 1

**Invest:** Effect Policy life style (2016/2017)

**Explore/invest:** personal and contextual determinants dietary/physical activity behaviour (2016/2017)

## Pillar 2

**Ongoing:** Cofunded Call Biomarkers for Nutrition and Health

**Invest:** Cofunded call on Intestinal Microbiomics + Knowledge platform

**Explore:** Series of workshops Food and Nutrition Security (plant/animal prod. Systems) (2016)

Output from FNS workshops (2018)

Impact of processing on nutritional value & consumer acceptance

## Pillar 3

**Explore:** Call for working groups on Diet Related Chronic Diseases

**Network/invest:** overweight and related metabolic disease (2017/2018)

**Invest:** Cofunded Call on Epigenetics

DATASHARING & STANDARISATION STRATEGY BUILDING ON ENPADASI

# RESEARCH INFRASTRUCTURES

Review of applications in relation to existing Research Infrastructures

WEBINAR/WORKSHOP with EXISTING Research Infrastructures (collaboration with e.g. MIUR)

**Datasharing/  
Standardising**

Build on existing JA ENPADASI (i.e. a transpillar JA)

Explore positioning of JPI HDHL on data privacy issues (in collaboration with other JPIs)

For further details:

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