



# ERA-HDHL non cofunded Joint Action: **KH FNS “Knowledge Hub on Food and Nutrition Security” SYSTEMIC**

## WHAT

The **Knowledge Hub on Food and Nutrition Security** is the third non cofunded action launched under the ERA-HDHL umbrella, in 2019. It is related to area 2 “Food for Health” of the JPI HDHL Strategic Research Agenda. It wants to provide the unique possibility to connect researchers with other existing initiatives and relevant stakeholders in the Food and Nutrition Security area. The JPI HDHL is collaborating with FACCE JPI and JPI OCEANS in this joint action. The overall aim of the KH FNS is to foster transnational and multidisciplinary collaboration and networking in order to accelerate, further characterize and to manage the impact of climate change on nutritional make-up of food, and to propose adaptive strategies/measures to ensure food and nutrition security.

## WHO

The SYSTEMIC (an integrated approach to the challenge of sustainable food systems: adaptive and mitigatory strategies to address climate change and malnutrition) project idea is based on 173 researchers from 41 research groups from eight European countries (Belgium, France, Germany, Italy, Latvia, Norway, Portugal, and Spain) and 2 collaborators by creating a network for a better understanding of food and nutrition security in a changing environment. National and transnational collaboration in R&D projects together with the transfer of knowledge and technology are the major aim of the research teams working in this project.



The activities of the KH FNS should address current cross-cutting challenges in the field mainly focusing on:

- **standardisation and harmonization**, to improve comparability and integration of data and studies;
- **data handling, knowledge and data sharing**, including the development of suitable methods to handle large data sets, legal and ethical issues regarding the sharing and use of data and connection of datasets across countries and different disciplines;
- **addressing knowledge gaps**, identifying research needs and challenges in the most upraising questions on FNS such as nutrition for sustainable and healthy diets, climate smart and environmentally sustainable food systems, circularity and resource efficiency of food systems and innovation and empowerment of communities.

## WHEN

ERA-HDHL launched the KH FNS call in January 2019. The deadline for the submission of the Expressions of Interest is April 4, 2019. The selected research groups will be invited to the networking meeting on June 7, 2019 and they will have to submit a proposal for the joint programme of activities by September 5, 2019.

## FUNDING

The 9 funding agencies have committed a budget of about 1.3 M€ in cash for supporting the activities of the KH FNS. In addition, some countries have invited their research communities to participate in kind.

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