



MINISTRY OF EDUCATION,
YOUTH AND SPORTS

Joint Programming Initiatives: A Healthy Diet for a Healthy Life

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Overview

- 1. Joint Programming Initiatives (JPIs)**
- 2. Membership of the Czech Republic in the JPIs**
- 3. A Healthy Diet for a Healthy Life: Vision and role**
- 4. Topics and activities of the Implementation Plan (2016-2018)**
- 5. Call topics in the JPI HDHL (2018+)**



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1. Joint Programming Initiatives (JPIs)

- Joint strategic research and development in the so-called "major societal challenges"
- To coordinate existing national R&D programs or creating new programs common to all participating countries where it is possible to share knowledge and experience and to effectively coordinate the use of national support instruments
- Joint monitoring, implementation and evaluation of research programs
- Basic and applied research
- The EU Member States and the associated countries can participate
- **Ten JPIs have been launched to date**

2. Membership of the Czech Republic in the JPIs

- Membership through the MEYS in the High Level Group on Joint Programming/Groupe de haut niveau pour la Programmation Conjointe - GPC
 - Aim to support national interest to participate in several JPIs in position either observer or full member
- First of all the MEYS was involved in the pilot initiative regarding the Neurodegenerative Diseases and Alzheimer's
- **Currently the MEYS is involved in 5 JPIs:**
 - **Neurodegenerative Disease Research – JPND**
 - **Food, Agriculture and Climate Change – FACCE JPI**
 - **A Healthy Diet for a Healthy Life – HDHL**
 - **Cultural Heritage & Global Change – JPICH**
 - **Antimicrobial Resistance: The microbial challenge – An emerging threat to human health - AMR**

3. A Healthy Diet for a Healthy Life: Vision and role

- JPI HDHL was one of the „first wave“ JPI that was identified by the GPC
- JPI HDHL received support from the EC through the CSA JPI HDHL (the first for period May 2011 to May 2015)
- The vision of the JPI “A Healthy Diet for a Healthy Life“ is that 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 that the incidence of diet – related diseases will have decreased significantly.
- **Implementation plan (2016-2018):** vision and strategic goals

<http://www.healthydietforhealthylife.eu/index.php/news/245-new-jpi-hdhl-implementation-plan-2016-2018>

- The MEYS is full member of JPI HDHL from 2017
 - **Condition: financial commitment, clear role of the provider, sign the Memorandum of Understanding („MoU“)**
 - **Contact person:** Monika Kocmanová (member of the Department of Research and Development of the MEYS)

4. The topics and activities of the Implementation Plan (2016-2018)

	2016	2017	2018	
Pillar 1	DEDIPAC KH (running, 2016 final year)	1B. Joint Action: Dietary, physical activity and sedentary behavior and potential personal and contextual determinants (INVEST follow up action output/outcome DEDIPAC, depending on outcome workshop).		
	1B. Workshop(s): Dietary, physical activity and sedentary behavior and potential personal and contextual determinants (EXPLORE follow up action DEDIPAC).	1A. Joint Action: Effectiveness of existing policy for lifestyle interventions [INVEST]		
Pillar 2	Running: Joint Action Biomarkers in Nutrition and Health (2 projects, 2017 final year)			
	2A. Cofunded call: Biomarkers for Nutrition and Health [INVEST]	Running: Cofunded projects Biomarkers for Nutrition and Health (final year 2019)		
	Running: Joint Action on Food Processing for Health (2 projects, final year 2018)			
	2C. Workshops: plant and animal food production systems for better human nutrition and resilience to climate change* [EXPLORE] *including scoping of Joint Action on impact of food processing on nutritional value and consumer acceptance		2C. Joint Action: impact of food processing on nutritional value and consumer acceptance [INVEST]	Possible Joint Action based on output of series of workshops with FACCE JPI and JPI OCEANS
	Running: JA on Intestinal Microbiomics (6 projects, 2018 final year)			
Preparation ERA-NET Cofund with cofunded call on Intestinal Microbiomics [funding needs to be guaranteed for cofunded call].	2B. Cofunded call: Intestinal Microbiomics [INVEST, HDHL INTIMIC]	B. Joint Action: Knowledge Platform on food, diet, intestinal microbiomics and human health [NETWORK, HDHL INTIMIC]		
Pillar 3	Running: Nutrition and Cognitive Function (5 projects, 2018 final year)			
	Running: Knowledge Hub Malnutrition on the elderly (2018 final year)			
			3B. Preparation ERA-NET Cofund with cofunded call on Nutrition and the epigenome [funding needs to be guaranteed for cofunded call in period 2018-2020]	
	3A. Joint Action: working groups on Nutrition and Chronic Disease [EXPLORE]	Running: working groups on Nutrition and Chronic Disease		

5. Call topics in the JPI HDHL (2018+)

● Food and Nutrition Security

The coordination between the JPIs (HDHL, FACCE, OCEANS) aims to define a research programme to address the challenge of Food and Nutrition Security.

- **Vision:** To work towards an integrated food system approach, from farm to fork, that provides sustainable, resilient and nutritional food from both land and sea
- **Scope:** The current food systems are failing and production needs to focus on how products are used in human diet
- **Expected:** To contribute to the implementation of the EC FOOD 2030 initiative and UN Sustainable Development Goals. To provide solutions for providing sustainable, resilient food systems for nutritious food from land and sea to feed an ever-changing world
- **Timeline:** 2018/2019 – launch the Call/start funding project
- **Allocation:** 1 000 000 EUR



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● Nutrition end Epigenome

- **Vision:** Genome-wide association studies on human genetic heterogeneity. Urgent need to gain a better understanding of additional factors that contribute to the phenotype and this refers to metabolic imprinting processes, including epigenetic effects
- **Scope:** Metabolic programming, epigenetic processes, epigenetic dysregulation and major cause of human obesity
- **Expected:** To benefit from the contribution of social sciences and to apply a “gender approach“ as well as a better understanding of the diet-genome and diet-epigenome and imprinting relationships
- **Timeline:** 2017/2018 – scoping/funding
- **Allocation:** Depending on the interest of Czech research community



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Thank you for your attention!

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