



PŘÍPRAVA WORK PROGRAMME 2018-2019(20): STRATEGICKÉ PROGRAMOVÁNÍ

JAK ČÍST WP

N. Koníčková, TC AV ČR



WP 2018-2019 (20)

Získávání strategických informací

- Revize **evropské strategie pro bioekonomiku** (2012, 2016-2017)
 - **Observatoř pro bioekonomiku** – JRC (data, analýzy)
 - Společný evropský podnik pro bioekonomiku **JU BBI - SIRA**
 - Stálý výbor pro zemědělský výzkum **SCAR – foresight exercise** – scénáře dalšího vývoje (2015):
 - Principy pro udržitelnou bioekonomiku
 - Food first
 - Sustainable yields
 - Cascading
 - Circularity
 - Diversity
 - 8 tematických oblastí: consumer, food and feed, materials and chemicals, energy, primary production, ecosystems
-



WP 2018-2019 (20) STRATEGICKÉ PROGRAMOVÁNÍ

Získávání strategických informací

- **Konference – Global bioeconomy summit (Berlin 2015), Bioeconomy investment summit (Brusel 2015), Strategie zemědělského výzkumu a inovací (Brusel 2016), European bioeconomy stakeholders conference (Utrecht 2016), SK presidency BE conference (říjen 2016)**
Food research area strategy – (říjen 2016)
- **Poradní skupiny EK (advisory group)**
- **Programový výbor pro H2020 (SC2)**
- **Veřejná konzultace**

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WP 2018-2019 (20) STRATEGICKÉ PROGRAMOVÁNÍ

A strategic approach to EU agricultural research and innovation – Brusel leden 2016

<http://ec.europa.eu/programmes/horizon2020/en/news/designing-path-strategic-approach-eu-agricultural-research-and-innovation>

- **Účinné řízení zdrojů** (produktivita, klimat.změna,emise, kruhové hospodářství, ICT, životní prostředí, úrodnost půdy, spotřeba vody, lepší využití genet.zdrojů)
- **Zdraví rostlin a zvířat** (systémový přístup, prevence, vznikající rizika, nástroje, alternativy pesticidům a antimikrobiálním léčivům)
- **Integrované ekologické přístupy** (ekosystémové služby, udržitelnost hospodaření, biodiverzita, ekologické a smíšené systémy hospodaření..)
- **Nové možnosti rozvoje venkova** (modernizace politik, udržitelné produkční řetězce, veřejné statky, digitalizace)
- **Posílení lidského a sociálního kapitálu** (vzdělávání, dovednosti, školení, znalostní a inovační systémy, participativní přístupy...)
- **Průřezové priority:** systémový přístup, rozvoj ICT, rozvoj výzkumné infrastruktury, posílení socioekonomického výzkumu napříč výzkumných a inovačních oblastí

5. května 2016

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Společné pracovní workshopy organizované EK
Účastníci: členové SCAR, členové PV, zástupci relevantních evropských
iniciativ – JU BBI, JPI FACCE, JPI HDHL, JPI Ocean



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WP 2018-2019 (20)

Společné pracovní workshopy SCAR/PC
What are the challenges compared to the last programming phase?
What has changed at political level as priorities?

1. CLIMATE CHANGE, SUSTAINABLE DEVELOPMENT GOALS AND COP 21 GOALS
2. CIRCULARITY
3. MARINE AND MARITIME
4. REGIONS AND CITIES
5. MIGRATION
6. FOOD AND NUTRITIONAL SECURITY
7. INTERNATIONAL DIMENSION– MACROECONOMIC DYNAMICS
8. "SMART" DIGITALISATION
9. CROSS CUTTING CHALLENGE: POLICY COHERENCE



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Společné pracovní workshopy SCAR/PC Expected impact of strategic programming based on challenges and objectives?

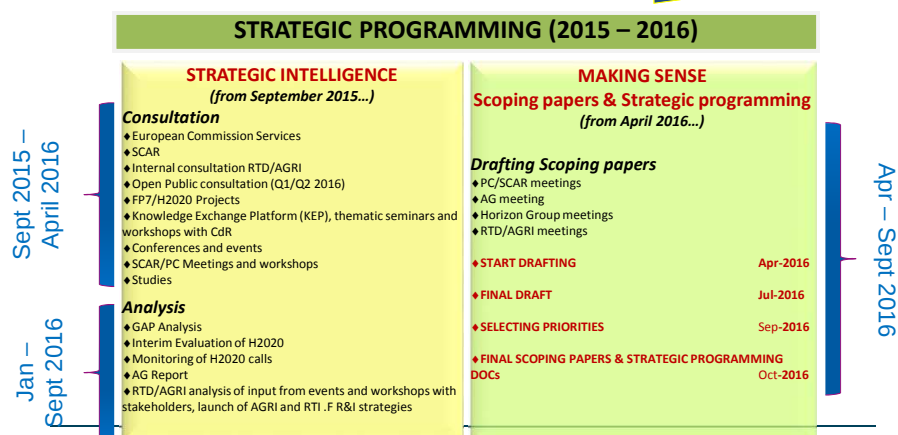
1. Food and nutritional security
2. Sustainable development
3. Climate change/resilience
4. Consumers/citizens/stakeholders
5. Circularity
6. New skills/technologies/multidisciplinary approach
7. Smart digitalization
8. Policy coherence
9. International dimension



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H2020 - Work Programme 2018-19 (20) planning



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WORK PROGRAMME (2016 – 2017)

ADOPTION and COMMUNICATION

Oct 2016 – June 2017

July – October 2017

Start drafting Work Programme

♦ START DRAFTING WP	Oct-2016
♦ Meetings with AG/PC/SCAR	
♦ Horizon Group	
♦ PC Meeting	
♦ Meeting with DG & CAB on topics orientations	
♦ 1st DRAFT WP (Roadmap, indicative topics & timing of actions)	Jan-2017
♦ Input draft Interim evaluation H2020	
♦ 2nd DRAFT	Apr-2017
♦ FINAL DRAFT	Jun-2017

Adoption procedure

♦ Inter-service consultation	Jun-2017
♦ PC vote	Jul-2017
♦ e-Grefte procedure	Sep-2017
♦ ADOPTION	Oct-2017

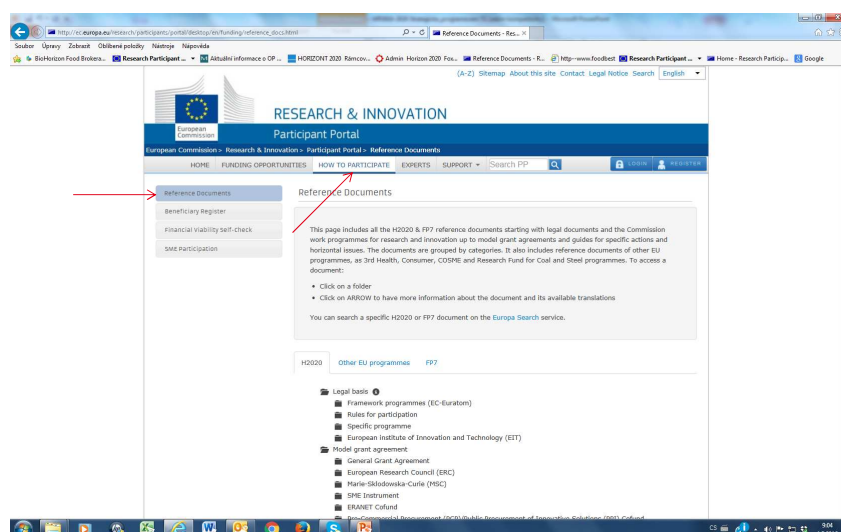
Communication

- ◆NCP meetings
- ◆Central Info days

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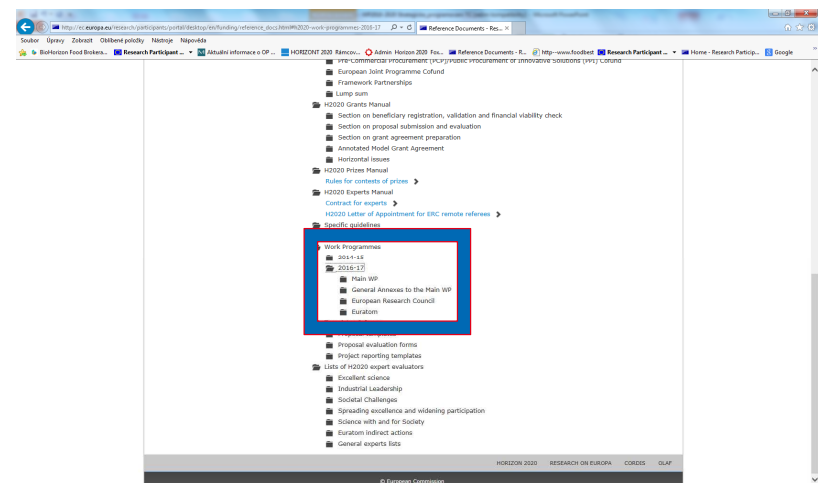


PRACOVNÍ PROGRAM – PARTICIPANT PORTAL





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5. května 2016

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STRUKTURA WORK PROGRAMME

Introduction – důležité informace o celkovém kontextu výzev, čeho se chce dosáhnout, souvislost s politikami, důležité pojmy – např. multi-actor approach, Evropské inovační partnerství Agriculture (EIP AGRI), cíle pro spolupráci se třetími zeměmi, průřezové cíle – synergie s ESIF, genderová dimenze výzkumu, role společenských věd při řešení témat, odkazy na další relevantní evropské iniciativy, programy a platformy, open research data pilot.....a další souvislosti

- Důležité pro celkový kontext a porozumění cílům programu a společenské výzvy
- Může se promítnout v části návrhu týkající se impaktu

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TÉMA PRACOVNÍHO PROGRAMU – SPECIFIC CHALLENGE

SFS-04-2017: New partnerships and tools to enhance European capacities for in-situ conservation

Specific Challenge: *In situ* (including on-farm) conservation is an important complement to *ex situ* conservation efforts and particularly relevant for tackling **Crop Wild Relatives (CWR) and landraces**. Unlike the more static conservation of genetic material in gene banks, *in situ* conservation is seen as a means of capturing the evolutionary adaptation of plants exposed to changing environmental and management conditions, thereby providing a **reservoir of valuable traits for crop adaptation** (including to climatic changes). To be effective, *in situ* conservation strategies require a **complex multi-actor approach** and need to be embedded into **overall strategies to preserve plant genetic resources**.

CO ? co se očekává od řešení tématu, proč toto téma – hlavní otázky k řešení, co by v projektu nemělo být opominuto

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TÉMA PRACOVNÍHO PROGRAMU – SCOPE

Scope: Activities will help to **build (a) network(s) of in situ** (including on-farm and on-garden) **conservation sites and stakeholders** in order to develop new partnerships between the conservation, farming, gardening and breeding sectors and with the wider public. This will **expand capacities to manage genetic resources** in more dynamic and participatory ways and to support their use in breeding, farming and the food chain. **Cooperation between conservation stakeholders** will enhance knowledge of available resources, support the **demonstration of in situ genetic resources** to the wider public and improve access to this genetic reservoir. **Exchanges with the breeding sector** will provide openings to identify promising traits from landraces and CWRs and increase their use in breeding. Activities will also contribute to **developing and showcasing strategies for in situ** conservation and to **linking ex situ and in situ** conservation efforts more effectively. While targeting in particular European capacities, projects are encouraged to draw on **good examples from elsewhere**. The work is expected to benefit from the contribution of **social sciences**. Proposals should fall under the concept of the **'multi-actor approach'**. See definition of the 'multi-actor approach' in the introduction of this Work Programme part.

The Commission considers that proposals requesting a contribution from the EU of **up to EUR 2 million** would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude the submission and selection of proposals requesting other amounts.

JAK? ROZSAH AKTIVIT? KDO JSOU KLÍČOVÍ HRÁČI? FINANCE?

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TÉMA PRACOVNÍHO PROGRAMU – EXPECTED IMPACT

Expected Impact: Activities will significantly strengthen European capacities for the conservation, management and use of in situ genetic resources. They will contribute to

- greater knowledge of the status and characteristics of in situ genetic resources in Europe
- establishing more durable partnerships between in situ conservation stakeholders and thus to more dynamic transfer of plant material and good practice on conservation and management issues
- the creation of a platform for national and European in-situ conservation strategies
- diminishing the divide between in situ and ex situ conservation efforts
- increased awareness of the wider public as regards the wealth and importance of genetic resources for agriculture and consumers
- increased use of genetic material from in situ sources in breeding activities and in the food chain

In the longer term outputs will support competitiveness of the farming and breeding sectors, trigger product innovation and foster healthy diets through provision of more diverse food.

V návrhu nutno reflektovat každý z nastíněných očekávaných dopadů, jak k nim projekt přispěje? (uvěřitelnost a ověřitelnost...)

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TÉMA PRACOVNÍHO PROGRAMU – TYPE OF ACTION

- ✓ **Research and Innovation actions**
- ✓ **Innovation actions**
- ✓ **Coordination and Support actions**
- ✓ **SME instrument**
- ✓ **ERA-NET Cofund**
- ✓ **Pre-Commercial Procurement (PCP) Cofund actions**
- ✓ **Public Procurement of Innovation Solutions (PPI) Cofund actions**

Charakteristika akcí v General annex of WPs

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RESEARCH AND INNOVATION ACTIONS (RIA)

- ✓ Activities to establish new knowledge,
- ✓ and/or to explore the feasibility of a new or improved technology, product, process, service or solution.
- ✓ Activity may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.
- ✓ Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment

Funding rate 100%

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INNOVATION ACTIONS (IA)

- ✓ activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services
- ✓ **Limited activities of research and development**
- ✓ Focused to prototyping, testing, demonstrating, piloting, large-scale product validation and market replication
- ✓ **Demonstration and pilots:** aims to validate the technical and economical viability of a new or improved technology, products, in operational environment (near to large scale)
- ✓ **Market replication:** aims to support **first** (EU or sector) application/deployment on the market

Funding rate 70% (100% for universities)

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COORDINATION AND SUPPORT ACTIONS

Activities:

- ✓ accompanying measures such as standardisation,
- ✓ dissemination, awareness-raising and communication,
- ✓ networking, coordination or support services,
- ✓ policy dialogues and mutual learning exercises and studies,
- ✓ design studies for new infrastructure
- ✓ strategic planning, networking and coordination between programmes in different countries

Funding rate 100%, one participating country is possible

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PODMÍNKY VÝZVY

Topics (Type of Action)	Budgets (EUR million)		Deadlines
	2016	2017	
Opening: 27 Oct 2015			
SFS-12-2016 (CSA)	3.00		17 Feb 2016
SFS-19-2016-2017 (ERA-NET-Cofund)	15.00		
SFS-24-2016 (CSA)	2.00		
SFS-25-2016 (CSA)	2.00		
SFS-41-2016 (ERA-NET-Cofund)	10.00		17 Feb 2016 (First stage) 13 Sep 2016 (Second stage)
SFS-01-2016 (RIA)	12.00		
SFS-02-2016 (RIA)	10.00		
SFS-03-2016 (RIA)	5.00		
SFS-06-2016 (RIA)	7.00		
SFS-07-2016-2017 (RIA)	8.00		
SFS-11-2016 (RIA)	12.00		
SFS-14-2016 (RIA)	11.00		
SFS-15-2016-2017 (RIA)	7.00		
SFS-21-2016-2017 (RIA)	12.00		
SFS-23-2016 (RIA)			
SFS-26-2016 (RIA)	10.00		
SFS-31-2016 (RIA)	5.00		
SFS-33-2016 (RIA)	6.00		
SFS-37-2016 (RIA)	9.50		
SFS-38-2016 (RIA)	12.00		
SFS-42-2016 (RIA)	5.00		
SFS-44-2016 (RIA)	5.00		
SFS-45-2016 (RIA)	5.00		

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DALŠÍ DOPLŇUJÍCÍ INFORMACE VE WP

- Indicative timetable for evaluation and grant agreement signature
- Eligibility and admissibility conditions: The conditions are described in parts B and C of the General Annexes to the work programme
- Evaluation criteria, scoring and threshold: The criteria, scoring and threshold are described in part H of the General Annexes to the work programme
- Evaluation Procedure: The procedure for setting a priority order for proposals with the same score is given in part H of the General Annexes.
- Consortium agreement: Members of consortium are required to conclude a consortium agreement, in principle prior to the signature of the grant agreement
- Budget

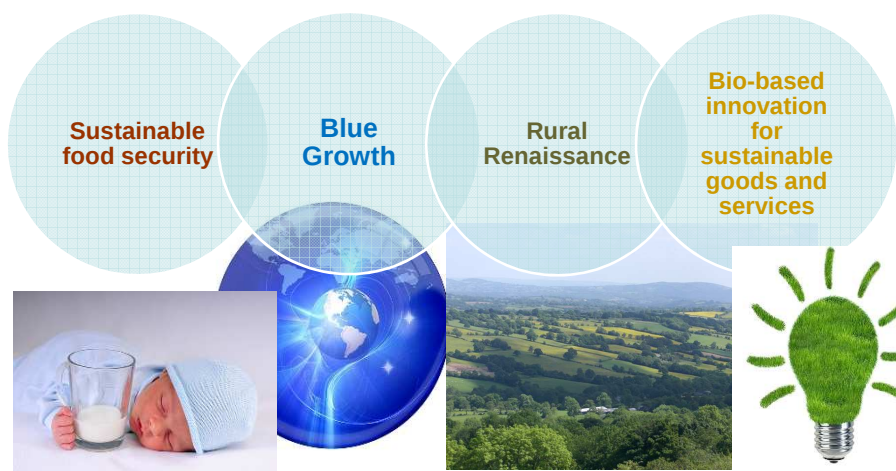
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Societal Challenge 2 Four Calls 2017





H2020 SC2 Calls 2017 – INDICATIVE DATES

Opening	Submission		<u>Deadlines</u>
OCT 2016	two-stage submission (RIA with some exceptions)	1st stage	14 Feb 2017
		2nd stage	13 Sept 2017
	single stage submission (IA, CSA, ERA Net)	Single stage	14 Feb 2017



Vyhledání partnerů

- Pro výzvy H2020 – SC2 a KET biotech Brokerage event v Bruselu 28.6.2016
 - Registrace otevřena 1.5.2016 – 1.6.2016
 - <https://www.b2match.eu/foodbrokerage2016>
- Pro výzvy JU BBI
 - Partnering platform
 - <http://www.bbi-europe.eu/participate/bbi-partnering-platform>
- SC2 info week v Bruselu 27.-29.6.
- <http://www.h2020.cz/cs/spolecenske-vyzvy/potraviny-zemedelstvi/informace/novinky/societal-challenge-2-info-week-v-bruselu>



Děkuji za pozornost!