

Joint Programming Newsletter 18 September 2019

Incl. stakeholder consultations for the proposed Horizon Europe Partnerships and the PRIMA 2021 Work Plan

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Joint Programming is a research and innovation policy concept driven by societal challenges. Its aim is to tackle grand societal challenges through more efficient use of resources, by the alignment of funding at national level and through decreasing fragmentation in the European Research Area (ERA). There are over sixty active ERA-NETs, six Article 185 initiatives, ten Joint Programming Initiatives (JPIs), and five European Joint Programme Cofunds (EJPs); for an overview see our website jointprogramming.nl. This monthly newsletter provides in a nutshell up-to-date information for scientists, (research) policy actors, and other stakeholders.

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About us

The joint programming officers at Wageningen University & Research follow ERA policy and strategy, the JPIs, EJPs, Art. 185 and ERA-NET Actions, with a focus on those in the areas of the bioeconomy, food, and the blue and green environment. To support WUR and its Science Groups in engaging in the public research partnerships we provide information, liaise on the national as well as the European level and ensure direct involvement. We work on alignment, valorisation and joint activities in FACCE-JPI, the International Bioeconomy Forum and other research programming initiatives. Furthermore, we established a platform of bioeconomy ERA-NET Actions, support the EU Standing Committee on Agricultural Research (SCAR) to increase visibility and European policy impact, and are academic member in the European Bioeconomy Stakeholders Panel of DG RTD. You can follow us on [Twitter](#) and contact us at jointprogramming@wur.nl.

Editorial: international collaboration to bolster societal and systemic transformations

From marine heatwaves that instantly kill corals in the Great Barrier Reef to extreme bursts of wind, violent hailstorms, and desertification in the Mediterranean. From intense droughts in Asia to massive fires in the Arctic and the Amazon. More than ever before, our actions and decisions as consumers and citizens have a substantial negative impact on the environment. Currently, the agricultural and forestry sectors account for about a quarter of the greenhouse gas emissions worldwide. According to a report from the European Commission *Food2030 High-Level Conference*; if we follow the current food and animal production & consumption patterns, there could be a further increase of greenhouse gas emissions by 80% by 2050. This increase could lead to a global heating far beyond the 1.5 - 2 degrees Celsius agreed upon in the Paris Agreement on Climate Change in 2015, giving rise to unpredictable and extreme weather phenomena on a local level with detrimental social, environmental and economic impacts.

The development of sustainable and resilient (food) systems cannot be achieved by one country alone, and consequently, trans-national collaboration does not only make sense; but it is necessary. Due to their complexity, food systems require a holistic approach to achieve societal and systemic transformation, and to address issues related to sustainability and resilience effectively and inclusively. According to the recent publication *Sustainable food systems - Concept and framework*, from the Food and Agriculture Organization, a sustainable food system is one that addresses all three dimensions of sustainability i.e.: it has broad-based benefits for society, it is profitable throughout,

and it has a neutral -or even better- positive impact on the natural environment. In this context, both multi-stakeholder involvement and multi-disciplinarity are vital elements for arriving to a common understanding of sustainability and resilience of food systems but also for realizing them in practice. Inclusion and involvement of diverse stakeholders is necessary for developing a joint vision and strategy while multi-disciplinarity is required for identifying synergies and trade-offs between the three dimensions of sustainability.

With regard to resilience, the re-conceptualisation of food systems as socio-ecological and economic networks requires a systems thinking approach. The Stockholm Resilience Centre and its partners propose seven principles to enhance the resilience of socio-ecological systems in practice: maintaining diversity and redundancy; managing connectivity; managing slow variables and feedbacks; fostering complex adaptive thinking; encouraging learning; broadening participation; and promoting polycentric governance systems. Many of the items in this newsletter touch upon these principles, in particular on broadening participation and widening involvement of stakeholders. Visible at the level of joint research calls and in designing those calls in new ERA-NET Cofunds; like the ones on Aquatic Pollutants, and Food Systems and Climate - FOSC. The latter will bring together partners from Europe, Africa, and Latin America in a global partnership to improve coordination and synergy of national, international, and European research projects relevant to food security under climate change.



Filippus Zisopoulos
Valorisation & Communication FACCE-JPI
Corporate Strategy and Accounts

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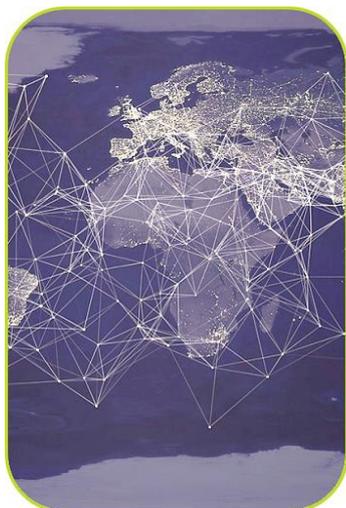
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News



Grand Challenges and ERA development principle objectives for international cooperation

The latest results of the Mutual Learning Exercise (MLE); a joint process of countries learning from each other, has been published. This MLE focussed on *National Strategies and Roadmaps for International Cooperation in Research and Innovation*. A thematic report outlines policy challenges and practices concerning design and development of national strategies for international R&I cooperation. The results show four Principle Objectives for international cooperation: i) Excellence; ii) Science Diplomacy; iii) Development of the European Research Area and iv) Global (or Grand) Challenges.

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EC consultation on R&I institutionalised partnerships in Horizon Europe is open

The European Commission has launched a public consultation on 12 proposed institutionalised partnerships under Horizon Europe. Such long-term partnerships enable participation of the EU in joint research programmes and aim at integrating national Research & Innovation activities across Europe, reducing fragmentation and creating a critical mass in research and innovation. The proposed partnerships cover topics ranging from 'innovative health' to 'key digital technologies' and 'circular biobased Europe'. Anyone with an interest in future R&I partnerships is invited to participate in the survey, which will close on the 6th of November 2019.

[Read more](#)



Second P2P participation Country Report published by ERA-LEARN

In addition to the country report on Poland, ERA-LEARN has published a report on the current status of Public-to-Public (P2P) participation in Austria. It is the second in a series of publications that provide an analysis of P2P participation and try to explain the performance of a country in international collaboration within the context of the national research and innovation system. The reports aim to provide an overall picture of international collaboration of a particular country and to compare this against several other countries and the European averages.

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PRIMA consults socio-economic stakeholders

The long-term Partnership for Research and Innovation in the Mediterranean Area (PRIMA) has launched a specialised consultation dedicated to socioeconomic stakeholders (such as SMEs, large enterprises, associations and NGOs). The main objective of this consultation is to help identifying the specific needs and expectations for the next PRIMA annual work plan for 2021. The consultation is now open.

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SusCrop funded projects' Kick-off Meeting in Belgium

On September 9th, the ERA-NET on Sustainable Crop Production (SusCrop) held its projects' kick-off meeting at the Research Institute for Agriculture, Fisheries and Food (ILVO Plant) in Belgium. SusCrop partners, policy makers, stakeholders, funders, and researchers from different countries participated. During the event, scientists from the thirteen funded research projects introduced their work and showcased its relevance. In four of the projects Dutch researchers participate.

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ERA-NET FACCE SURPLUS held valorisation workshop

On the 11th and 12th of September, FACCE SURPLUS organised a valorisation workshop in Ghent, Belgium. During two days, research project coordinators of the projects funded through the ERA-NET Calls, engaged in discussions with their relevant stakeholders on additional value creation from their projects' results. The interactive sessions were aimed at increasing synergies between project outcomes and at increasing impact of scientific research among stakeholders.

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Joint Research



Joint call 'towards sustainable and organic food systems' now open

The ERA-NETs SUSFOOD2 and CORE Organic Cofund have launched a joint call for transnational research on sustainable and organic food systems. Applicants are encouraged to follow a multi-actor, multi-disciplinary and -system approach in context of the call topics, which range from '*resource-efficient, circular and zero-waste food systems*' to '*sustainable and smart packaging*'. 22 funding partners from 18 countries/regions are committing over EUR 10 million. Applicants from countries not participating as funder in this call, such as The Netherlands, are welcome to join a consortium on their own costs. Pre-proposal submission closes at November 4th.

[Read more](#)



Proposed 2019 topics for joint phytosanitary research still open for participants

The European phytosanitary research programme owners and managers network Eupresco, has prepared new joint transnational research topics. Funding is considered most appropriate for applied research in relatively small projects with a short to medium duration. This enables rapid and customised answers for quarantine plant pests. The 2019 list with proposed research topics and interested organisations is available. Collaboration with non-Eupresco partners (research organisations, universities, private companies and other plant health stakeholders) is encouraged and participation is still possible.

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New network on aquatic pollutants in preparation

A new ERA-NET Cofund '*AquaticPollutants*' is under preparation. The focus of the network is on the occurrence of emerging pollutants and pathogens - especially antimicrobial resistant bacteria - in the environment. The consortium consists of 32 partners, collaborating through (one of) the three Joint Programming Initiatives on Water, Oceans and Antimicrobial Resistance. The network will start in January 2020 with a joint transnational call scheduled to open soon after. Development of a common strategy between the three JPIs, dealing with *emerging pollutants, pathogens and antimicrobial resistance in the whole water cycle, from 'source to mouth'*, is another objective.

[Read more](#)



New research on 'Biodiversity and its influence on animal, human and plant health'

The ERA-NET BiodivERsA announced that 10 transnational research projects are recommended for funding. The ERA-NETS' 2018 Call aimed to support research projects at the nexus of biodiversity and health issues. Nine projects are proposed for funding under 'Action A'; supporting collaborative research projects generating new knowledge, in particular based on the production of new primary data. One project is proposed under 'Action B' aimed at supporting research synthesis projects. The projects represent a total funding amount of over EUR 11.9 million. The final list of funded projects will be published in October 2019.

[Read more](#)



Joint research on 'Biotechnology for a Sustainable Bioeconomy' will start soon

The second transnational joint call for research projects of the ERA-NET on biotechnology; ERA CoBioTech, has recommended 5 projects for funding. The projects bring together 23 research partners from 5 different countries (France, Germany, Slovenia, Spain and the United Kingdom) and will start their activities soon. The aim of the joint research call is to contribute to the transformation of the global economy from a dependence on fossil raw materials to a sustainable bio-based economy. Topics were '*microbial communities*' and '*pure cultures, cell free systems and enzymes for new products*'. The Calls' indicative budget is EUR 15.3 million provided by 18 funding organisations from 14 countries.

[Read more](#)



Calls open for submission

- [ERA4CS alignment call](#) - second closing date for proposals: **30 September 2019**
- [SUSFOOD2 and CORE Organic Cofund joint call](#) - closing date pre-proposals: **4 November 2019**
- [BiodivERsA 'Biodiversity and Climate Change' call](#) - closing date pre-proposals: **5 November 2019**

Upcoming Activities



Water JPI experts' workshop on the new Strategic Agenda

The Joint Programming Initiative on Water is currently updating its Vision and Strategic Research and Innovation Agenda (SRIA). In order to identify key research, development & innovation needs for each of the proposed new SRIA themes, an expert workshop will be organised on the 22nd and 23rd of October in Dublin. In addition to mapping research needs, *Key Performance Indicators* and proposed implementation models will be discussed. The workshop is targeted at experts from the research community, funders and key stakeholders in the water sector, such as policy makers, river basin managers and enterprises.

[Read more](#)



JPI MYBL conference on 'Demographic change, equality and wellbeing'

On October 30th 2019, The Joint Programming Initiative on the potential and challenges of demographic change (JPI MYBL) organises a working conference in Helsinki to discuss policy integration. Researchers, stakeholders and policy makers from the JPIs' 17 member countries will be exchanging on good examples of integration of policy related to an ageing society. Policies across government departments and agencies at national, regional and local levels, especially in social care and health will be explored. The conference is invitation only.

[Read more](#)

Events Calendar

This calendar displays events related to Joint Programming and / or the Bioeconomy.

Is your event not in our calendar yet? Please e-mail the details to jointprogramming@wur.nl

[To the events calendar](#)

Upcoming events 2019:

23-24 Sept.	XXXIII EURAGRI Conference, Ghent
24-26 Sept.	European Research and Innovation Days, Brussels
22-23 Oct.	Water JPI Experts Workshop, Dublin
30 Oct.	JPI MYBL 'Demographic change, equality and wellbeing' Conference, Helsinki

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Suggestions for news items?
Questions about joint programming?

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