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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 four European Joint Programme Cofunds (EJPs); for an overview see our website [jointprogramming.nl](http://jointprogramming.nl). This monthly newsletter provides in a nutshell up-to-date information for scientists, (research) policy actors, and other stakeholders.*

*Newsletter 8 October 2018*

## 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 communication, alignment and joint actions in FACCE-JPI and JPI Climate, and are involved in organising ERA-NET Cofund programmes. 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](mailto:jointprogramming@wur.nl).

## Editorial: Towards transformative agriculture and food systems: challenges for FACCE-JPI

Ten years ago the JPIs were initiated. Since then, in the area of food, agriculture and climate change, FACCE-JPI has supported the development of abundant new knowledge. If effectively applied, agriculture will be a bit more sustainable as a result. In the meantime, the world has changed and new challenges have emerged. For climate change, the Paris Agreement will have enormous implications for agriculture and land-use. Within a few decades, negative global emissions are required which requires a transformation of global land use, via biomass energy and carbon sequestration in soils and vegetation. At the same time, the emissions pledges made under the Paris Agreement are insufficient to reach the 2°C goal, they are only voluntary and so far there are few signs that they will be effectively implemented. Not only agriculture will have to get its act together to make its required contribution to mitigation, at the same time it would be wise to prepare for climate impacts related to 4°C global average temperature change or more. With a few exceptions, FACCE-JPI's research so far has mostly focused on important but incremental improvements of farming systems to make them more productive, resilient and climate-friendly. Feeding the world's population in a changing climate and at the same time contributing to climate mitigation goals requires a fundamental transformation of agriculture and food systems. Such

transformation has to be intertwined with similarly deep transformations in energy and water systems, consumption patterns including diets, and the reversal of the world's biodiversity decline. This requires a long-term vision and imagination at the systems level, and collaboration with a wide range of natural and social sciences as well as public and private stakeholders. New research should address the conditions for accelerating and upscaling innovations, including in urban environments. To effectively address these very complex challenges, FACCE-JPI should strengthen collaboration with other programmes, such as JPI Climate, JPI Urban Europe, JPI Water and BiodivERsA. For FACCE, the ERANET on Food Systems and Climate Change comes at the right time.

Rob Swart, Senior officer Joint Programming  
Wageningen Environmental Research / Corporate Strategy and Accounts



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### Ten years of Joint Programming: Driving research and innovation to address global challenges

At the conference "10 Years Joint programming – Achievements and the Way Forward", held in Vienna on 19 and 20 September, the JPIs, Member States and the EC reflected on the experiences of JPIs and discussed the establishment of mission-oriented or challenge-driven research and innovation programmes against future requirements of the European Research Area (ERA) and the 9th Framework Programme. At the conference the JPI Chairs presented a Joint Declaration on how to proceed: "Driving research and innovation to address global challenges". Its aim is to strengthen Europe's pioneering role in achieving the UN Agenda 2030 and its sustainable development goals.

[Read more](#)



### Long term strategies of JPIs: strengthening links to increase impact

In June 2017, the ten JPIs presented their Long Term Strategies to the High-Level Group on Joint Programming (GPC), a dedicated configuration of the European Research Area and innovation Committee (ERAC). Following this presentation, a GPC Task Force was launched to analyse the Long Term Strategies in more detail. The analysis identifies good practices, challenges, cross-cutting issues and shared characteristics of the JPI Long Term Strategies. In addition, a set of grouped criteria for assessing JPIs was applied, and interconnectedness of JPIs with other players in the European Research Area and beyond was analysed. The report aims to enable JPIs to take a step forward with regard to their activities and the presentation of these activities.

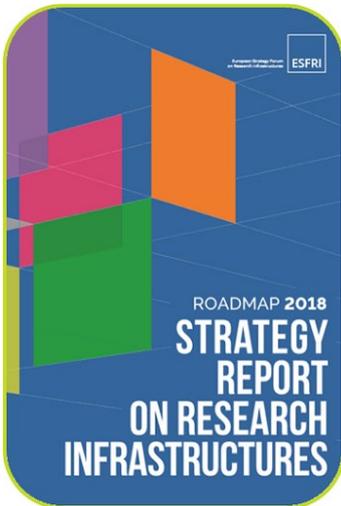
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### Final reports ERAC Working Group on Partnerships, on "efficiency" and on "rationalising" released

The Council Conclusions of 1 December 2017 called on the EC and the MS to jointly consider ways to rationalise the R&I partnership landscape, and to establish a long-term strategic coordination process for R&I partnerships. It welcomed the setting up of the ERAC ad hoc Working Group on R&I partnerships to prepare the strategic coordination process. Following the first two tasks on "criteria" and "process", the last task were to formulate recommendations 3) for rationalising the EU R&I partnership landscape and optimise its coherence and to 4) on increasing the efficiency of implementation of partnerships. The reports on the last two goals have been adopted and released by ERAC in September 2018. A final combined report is expected in December 2018.

[Read more](#)



## Working together on large infrastructures in the European Research Area

Excellent joint research is served with firm joint infrastructures. Recently, the European Strategy Forum on Research Infrastructures (ESFRI), a strategic instrument to develop the scientific integration of Europe and to strengthen its international outreach, presented their strategy report and updated 2018 roadmap. The ESFRI infrastructures are funded through European Member States and the European Commission H2020 programme and aim to foster broader coordination at national and European levels. ESFRI also supports structuring the European Research Area (ERA) through its interconnections with other programmes and initiatives, and in this respect refers to the importance of strengthening links with relevant Joint Programming Initiatives.

[Read more](#)



## Report on good practices in the implementation of JPIs, focusing on the international dimension

The relevance of the international dimension of the Joint Programming Processes is increasing. This is described in the third and final annual report of ERA-LEARN 2020 on good practices in the implementation of JPIs. The case studies in the report show how sustainable collaborations with partner countries outside the European Union and with international organisations can be established through i) the work of the governing bodies of the JPIs, ii) their efforts in setting up an overarching research strategy, and iii) the close ties of JPIs with their respective research and innovation communities.

[Read more](#)



## Water JPI Workshop on Strategy for International Cooperation

The Water JPI, as part of its supporting EU-funded Coordination Support Action IC4Water, is looking at opportunities to develop a common strategy for international cooperation. To progress this work, a workshop was held in Vienna on 19 September 2018. This workshop was targeted at other international initiatives, policy-makers and relevant stakeholders to discuss the current state of play of international cooperation, exchange views and share experiences to identify common barriers and practices and find possible solutions. The programme started with introductions of a number of initiatives; Dutch contributions were made by Jolien Wenink (JPI HDHL) and Denice Moi Thuk Shung (JPI MYBL).

[Read more](#)



## Greenhouse Gas mitigation efforts in Agriculture – from research to policy and practice (AgriGHG2018)

Over 300 scientists, policy makers and stakeholders from international organisations and the public and private sector met in Berlin for the "International Conference of Agricultural GHG Emissions and Food Security – Connecting research to policy and practice" (AgriGHG2018) from 10 to 13 September. The participants discussed options and barriers for implementing agricultural GHG mitigation measures while ensuring food security. The conference was organised by FACCE-JPI (on Agriculture, Food Security and Climate Change), the Global Research Alliance on Agricultural Greenhouse Gases (GRA) and the CGIAR Research Programme on Climate Change, Agriculture and Food Security (CCAFS) with support from the German Federal Ministry of Food and Agriculture and the Thünen Institute.

[Read more](#)



## Public consultation on the PRIMA Annual Work Plan

The first public consultation on the Annual Work Plan priorities of PRIMA, the Partnership for Research and Innovation in the Mediterranean, is open until 30 October 2018. The main objective of the ten-year initiative (2018 - 2028) is to devise new R&I approaches to improve water availability and sustainable agriculture production in a region heavily distressed by climate change, urbanisation and population growth. The partnership currently consists of 19 participating countries. It is financed through a combination of funding from participating countries and a contribution from the EU through Horizon 2020.

[Read more](#)

## Joint Research



## Three JPIs explore options to support research on risks of pollutants and pathogens in water resources on human health and the environment

Via the Societal Challenge 5 (Climate Action, Environment, Resource Efficiency and Raw Materials) Work Programme 2018-2019, the European Commission (EC) invites proposals for an ERA-NET cofund which targets "Risks posed to human health and the environment by pollutants and pathogens present in water resources". The EC invites actions that shall support delivering on the priorities identified in the Strategic Research and Innovation Agendas of the Joint Programming Initiatives on Water, Anti-Microbial Resistance (JPI AMR), and Healthy and Productive Seas and Oceans (JPI Oceans). The Water JPI, JPI AMR and JPI Oceans are currently exploring options for answering to the call of the EC.

[Read more](#)



## **BiodivERsA will support research on Biodiversity & Health**

The ERA-NET BiodivERsA has identified Biodiversity & Health as an important topic for joint transnational research and launched a call on "Biodiversity and its influence on animal, human and plant health" on 1 October 2018. The call aims at supporting transnational research projects jointly addressing issues at the nexus of biodiversity and animal, human and/ or plant health across the different relevant spatial, and temporal scales in an effort to support evidence-based decision-making. 17 Funding organisations from 12 countries are joining this call and have provisionally reserved more than EUR 9 million for this call. Submission of pre-proposals closes on 16 November 2018.

[Read more](#)



## **ERA-NETs FACCE ERA-GAS, SusAn and ICT-AGRI2 are joining forces to reduce GHG emissions of animal production**

The ERA-NETs FACCE ERA-GAS, SusAn, and ICT-AGRI 2 have launched a joint call on "Novel technologies, solutions and systems to reduce the greenhouse gas emissions of animal production systems" on 8 October 2018. Preceding the call launch, the three ERA-NETS held two joint workshops to set research priorities and to discuss promising strategies and innovations to reduce GHG emissions from livestock production. The joint call will be funded by at least 16 countries, including the Netherlands. It will follow a one-step procedure and the closing date for proposals is 3 December 2018.

[Read more](#)



## **Research on combined biomass valorisation supported by ERA-NETs Bioenergy and BESTF3**

ERA-NET Bioenergy and ERA-NET Cofund Bioenergy Sustaining the Future (BESTF3) are working together to support innovative research on combined biomass valorisation and will open a call "Combined biomass valorisation to bioenergy, industrial feedstocks and bio-based products" which aims to support innovative, collaborative pan-European, R&D&I projects focussing on a very broad range of technology readiness levels (TRLs 2-7 at the end of the funded project). Public funding will be available for this joint call from funding bodies in 7 countries, including the Netherlands. The indicative total available budget amounts to ca. EUR 6 million. The call is expected to open on 22 October 2018, with a closing date for pre-proposals in January 2018.

[Read more](#)



## New project videos offer unique insight into projects funded by JPI Urban Europe

In cooperation with the funded projects, the JPI Urban Europe is producing new videos, where researchers provide a unique insight into the key aspects of their project. Four short films will be uploaded on JPI Urban Europe's website and social media channels. The first video of the 'Cities of Making' project can now be viewed. The project is exploring the capacity and place of urban manufacturing in 21st century European cities. The three following videos that zoom in on the *project*, the *approach* and the *objectives* of 'Cities of Making', will be uploaded in the coming weeks.

[Read more](#)



## ERA-CAPS funded project makes important contribution to crop production

The hidden genetic secrets that gives wheat its remarkable ability for local adaptation have been uncovered by the international research team of project INTREPID (Investigating Triticeae Epigenomes for Domestication), which is funded by the ERA-Net for Coordinating Action in Plant Sciences (ERA-CAPS). Research reveals a previously untapped resource for breeding better, more resilient wheat. The research techniques used are based on a novel method developed by Earlham Institute, UK. The research findings are described in the paper 'Hidden variation in polyploid wheat drives local adaptation' which is published in Genome Research.

[Read more](#)



## Calls open for submission

- [BiodivERsA call on Biodiversity & Health](#) – closing date pre-prop.: **16 November 2018**
- [ERA-GAS - SusAn - ICT-AGRI call](#) closing date full prop.: **3 Dec. 2018**
- [Call "Combined biomass valorisation to bioenergy, industrial feedstocks and bio-based products"](#) – expected to open: 22 October 2018, closing date for pre-prop.: in **January 2018**
- [Call Bioeconomy in the North progr.](#) – closing date: **17 Jan. 2019**
- [Second MarTERA call](#) - will open Nov./ Dec. 2018, closing date pre-prop.: **29 March 2019**
- [CoBioTech call](#) - expected to open in autumn 2018

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## Upcoming Activities

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### FOOD 2030 Event: Research and Innovation for a #ZeroHunger World

On the occasion of World Food Day 2018 on 16 October, FAO and the European Commission will organise an event hosted by Member of the European Parliament Mr. Paolo De Castro (Vice-Chair of the parliament's Committee on Agriculture and Rural Development). Speakers will discuss next actions to eradicate hunger by 2030 and the contribution of research and innovation to ensuring food security and nutritious diets for all. The event follows up on the 2nd FOOD 2030 High Level Event that recently took place in Plovdiv.

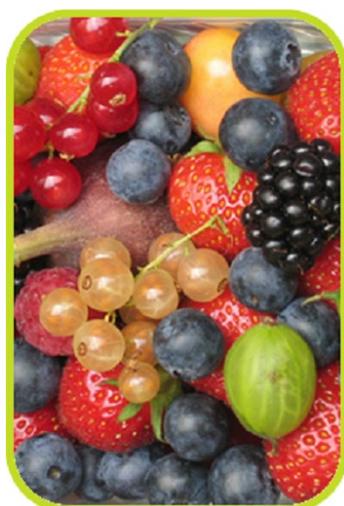
[Read more](#)



### Sustainable & circular Bioeconomy, the European way

The registration is open for the High level Bioeconomy Conference which will take place on 22 October in Brussels, Charlemagne Building. The conference will celebrate the launch of the updated EU Bioeconomy Strategy and action plan and will focus on the need to have a sustainable and circular bioeconomy to enhance the transition in a changed EU policy context and towards a new environmental, social and economic reality. It will also set the scene for the start of the discussion about synergetic actions across different priority areas.

[Read more](#)



### Kick-off seminar SUSFOOD2 funded projects

The twelve projects funded by ERA-NET Cofund SUSFOOD2 on sustainable food production and consumption will kick-off in Stockholm on 25 October 2018. The projects are related to three different topics that are highly relevant for the implementation of the EU Food 2030 strategy:

- 1) Innovation in food processing technologies and products;
- 2) Providing added value, increased resources efficiency and reduction of waste in sustainable food systems;
- 3) Understanding consumer behavior and food choices.

The seminar will include the presentation of the projects, keynote speeches and interactive sessions.

[Read more](#)

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## FACCE SURPLUS End-Term Meeting focusing on valorization

The end-term meeting of FACCE SURPLUS' first call will take place in Düsseldorf, Germany, from 6 to 8 November 2018 with more than 100 expected participants from all over Europe. Four valorization sessions will be arranged, covering different aspects of food and non-food biomass production and transformation systems, including biorefining. The meeting will also be the common kick-off meeting for the research projects of the second FACCE SURPLUS call. The main objective of the meeting will be valorization of results, and how to ensure an optimal exchange and use of new information among researchers, stakeholders and policy makers.

[Read more](#)



## ERA-CAPS Grant Holders Workshop 2018

ERA-CAPS will hold its third grant holders' workshop in Bonn, Germany, on 13 and 14 November 2018. This workshop will provide grant holders funded through ERA-GAPS first and second call the opportunity to present the outcome of their research. It also provides grant holders selected through the third call the chance to introduce their projects. The workshop will furthermore be an occasion for grant holders to network with each other and to exchange information.

[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](mailto:jointprogramming@wur.nl)

[To the events calendar 2018](#)

### Upcoming events 2018:

16 Oct.	FOOD 2030 Event: Research and Innovation for a #ZeroHunger World, Brussels
22 Oct.	Bioeconomy Conference, Brussels
25 Oct	Kick-off seminar SUSFOOD2 funded projects, Stockholm
5-6 Nov.	Austrian Presidency Conference on Impact of Research & Innovation Policy, Vienna
6 Nov.	BONUS-HELCOM conference: Research and innovation for sustainability, Copenhagen
6-8 Nov.	FACCE SURPLUS' first call End-Term Meeting focusing on valorization, Dusseldorf
13 -14 Nov.	ERA-CAPS Grant Holders Workshop 2018
28 Nov.	JPI Climate Governing Board meeting and ERA4CS General Assembly, Madrid
29-30 Nov.	FACCE Governing Board Meeting, Rome

### Upcoming events 2019:

20 Feb.	JPI HDHL Conference
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Ideas for the website or the newsletter?

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Questions about joint programming?

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