



# Subsidy and Innovation News, N° 194 , 25 October 2017

*Newsletter for Wageningen University & Research on the EU Framework Programme for Research and Development, other international subsidies, national and regional subsidies, EU policy and national R&D and innovation programmes.*

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## HORIZON 2020

### ***JPI Urban Europe 'The Making Cities Work call' has opened (24 October 2017)***

Source: News alert for the new JPI Urban Europe call Making Cities Work

**On October 24<sup>th</sup> the JPI Urban Europe call Making Cities Work opened for applicants. The call invites municipalities, businesses, researchers, civil society and other stakeholders to build transnational consortia to create challenge-driven innovation projects for European urban areas that have the potential to result in commercially successful services and products.**

**Submission deadline proposals: 28 FEBRUARY 2018 at 12:00 CET (noon)**

This call is tailored towards urban innovation projects, inviting the problem owners, such as cities, urban infrastructure operators or industry, to team up with science to jointly develop solutions for their pressing issues.

- *It is about strengthening trans-disciplinary cooperation – finding, involving and connecting all those parties that are needed to address a particular issues and jointly develop solutions. We want to incentivise cities and other stakeholders in the urban field to participate* says the call coordinator Colette Bos.

The goal is a challenge-driven approach with the problem owners in an active role in a transdisciplinary and trans-sectoral collaboration with active cooperation between all stakeholders throughout the project. The call wants to see projects with the aim of creating innovative solutions, getting to a proof of concept, demonstration, or test replicability and scalability.

You can find all details on the new call and how to apply here <http://jpi-urbaneurope.eu/making-cities-work/>

#### **Call information**

The *Making Cities Work* Innovation Action is issued by JPI Urban Europe with a call budget of € 4.7 Million. *Making Cities Work* is based on the JPI Urban Europe Strategic Research and Innovation Agenda (SRIA). Participating funding agencies are FFG (Austria), Innoviris (Belgium), Tekes (Finland), FFG (Norway), Swedish Energy Agency and Vinnova (Sweden). **NOTE PJ: Netherlands is not involved as partner but partners from other countries can take part in consortia as self-funded partners.**

#### **The call topics**

- 1. Re-thinking urban mobility:** Innovative solutions to reduce city congestion
- 2. Implementing the Smart Sustainable City:** From pilot projects within sectors and neighbourhoods to cross-sectoral services for citizens and business
- 3. Creating the city together:** Closing the gap between citizens, companies and city policy
- 4. Innovative and sustainable city change:** Reducing the negative impacts of construction sites

### ***Applications for ERC Starting Grants 2018 – Facts and figures (20 October 2017)***

**The competition for ERC Starting Grants 2018 closed for applications on 17 October 2017. These are the preliminary statistics on submitted proposals:**

- *Number of applicants increased: the ERC received 3,170 applications, an increase of about 3% from 3,082 in the previous Starting Grant competition.*
- *The highest number of applications was submitted in the domain of Physical Sciences and Engineering (1,345 or 42%), followed by Social Science and Humanities (915 or 29%) and Life Sciences (910 or 29%).*
- *Around 37% of proposals were submitted by women – the same share as in 2017.*

The ERC Work Programme has earmarked €581 million for an estimated 391 Starting Grants in 2018. The ERC is now starting evaluation of proposals. **The selected projects will be announced in summer 2018.**

### ***2018 call for ERC Consolidator Grant (ERC-2018-COG) open (24 October 2017)***

Source: Website EC Participants Portal <https://ec.europa.eu/research/participants/portal/desktop/en/home.html>

ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Applicant Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

#### **Size of ERC Consolidator Grants**

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years** (The maximum award is reduced pro rata temporis for projects of a shorter duration. This does not apply to ongoing projects).

However, up to an **additional EUR 750 000** can be requested in the proposal to cover (a) eligible "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities (As any additional funding is to cover major one-off costs it is not subject to pro-rata temporis reduction for projects of shorter duration. All funding requested is assessed during evaluation).

Deadline for submission: **15 February 2018 17:00 Brussels time.**

## **Latest results: European Commission to invest €5.9 million in 119 innovative businesses (19 October 2017)**

Source: Website Research & Innovation News Alert [http://ec.europa.eu/research/index.cfm?pg=newsalert&year=2017&na=na-191017&pk\\_campaign=whatsnew\\_newsletter](http://ec.europa.eu/research/index.cfm?pg=newsalert&year=2017&na=na-191017&pk_campaign=whatsnew_newsletter)

**119 small and medium-sized enterprises (SMEs) from 24 countries have been selected for funding in the latest round of the Horizon 2020 SME Instrument** <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/sme-instrument>.



The funding is provided under **Phase 1 of the instrument**, which means that each project **will receive €50,000** to finance a feasibility study for innovative products that can disrupt the market. Companies applying also receive business support services and up to three days of free business coaching.

The European Commission **received 2079 eligible proposals by the cut-off date of 6 September**. The 119 SMEs selected for funding are involved in 117 projects in total (multiple SMEs can be involved in one project).

Most of the projects funded were in the area of **ICT (29), followed by transport (16) and low-carbon and efficient energy systems (15)**.



Spanish SMEs were particularly successful with 17 companies accepted for funding, followed by firms from Italy (14), Germany and Switzerland (10 each). Since the launch of the programme on 1 January 2014, 2422 SMEs have been selected for funding under Phase 1 of the SME Instrument.

**The next cut-off for Phase 1 is 7 November 2017.**

### **More information**

- List of selected projects [http://ec.europa.eu/research/participants/portal/doc/call/h2020/smeinst-01-2016-2017/1792603-smei-instrument\\_ph1-beneficiaries\\_septcut\\_off\\_en.pdf](http://ec.europa.eu/research/participants/portal/doc/call/h2020/smeinst-01-2016-2017/1792603-smei-instrument_ph1-beneficiaries_septcut_off_en.pdf)

## **Informatiemiddag Nanotechnologie NMBP – Horizon2020 (19 oktober 2017)**

Bron: Website RVO

Wilt u meer weten over het nieuwe nanotechnologie werkprogramma binnen Horizon 2020 (Nanotechnologies, Advanced Materials, Biotechnology, Advanced Manufacturing and Processing (NMBP)) 2018-2020?

Kom dan naar de informatiemiddag op woensdag 1 november.

### **Conceptprogramma**

Tijdens deze middag kunt u het volgende verwachten:

14:00-14:30 uur: Inloop en registratie

14:30-15:00 uur: Welkom en introductie op het Horizon 2020 NMBP werkprogramma

15:30-16:00 uur: Succesverhaal Horizon 2020 NMBP

16:00-16:30 uur: Hoe kan RVO.nl/ National Contact Point u helpen?

16:30-17:00 uur: Q&A/netwerkmogelijkheid

## Deelnemen

Wilt u deelnemen aan deze informatiemiddag? Meld u dan aan via het online registratieformulier <https://www.rvo.nl/infomiddag-nanotechnologies-advanced-materials-biotechnology-advanced-manufacturing-and-processing-wssl>.

De deadline voor aanmelding is 27 oktober 2017. Deelname is gratis.

## Meer weten?

Wilt u meer weten over deze middag? Neem dan contact op met:

- [ahmet.polat@rvo.nl](mailto:ahmet.polat@rvo.nl) of
- [hans.bosch@rvo.nl](mailto:hans.bosch@rvo.nl).

## Herziening nodig van cPPPs (18 oktober 2017)

Bron: Neth-ER Nieuwsbrief week 42

**Contractuele Publiek-Private Partnerschappen (cPPPs) zijn doeltreffend. Missies kunnen het instrument verder versterken. Dit zegt een onafhankelijke expertgroep in opdracht de Europese Commissie. De cPPPs zijn echter niet transparant genoeg en er moet worden gewerkt aan de samenhang met andere EU-instrumenten.**

### cPPPs duidelijk effectief

Publiek-Private Partnerschappen (cPPPs) zijn effectief in het bereiken van hun doel: een verschuiving van een *top-down* naar *bottom-up* aanpak bij het definiëren van onderzoeks- en innovatiebeleid. Dit blijkt uit de mid-term evaluatie van de cPPPs

<https://publications.europa.eu/en/publication-detail/-/publication/6de81abe-a71c-11e7-837e-01aa75ed71a1/language-en>, uitgevoerd door een onafhankelijke expertgroep in opdracht van de Europese Commissie.

De voorgestelde missies-benadering voor het kaderprogramma voor onderzoek en innovatie na 2020 (KP9) zou ook gunstig zijn voor de efficiëntie en effectiviteit van de cPPPs. Als industriële organisaties samenwerken met de Europese Commissie en gezamenlijke investeringen mobiliseren voor missies, dan kan dit het cPPP instrument versterken.

### Vernieuwing cPPPs zal leiden tot meer impact

Er moet wel meer duidelijkheid komen over de institutionele status van de cPPPs en een nieuw bestuursmodel kan bijdragen aan meer transparantie en openheid, aldus de expertgroep. Ook moeten cPPPs betere samenhang krijgen met andere industrie-georiënteerde instrumenten binnen Horizon 2020, zoals de *Joint Technology Initiatives* (JTIs) en *Knowledge and Innovation Communities* (KICs), om dubbel werk en overlapping te voorkomen en optimaal gebruik te maken van synergiën.

### Over de evaluatie

Het rapport presenteert de resultaten van de evaluatie van negen cPPPs over de eerste drie jaar van Horizon 2020. Echter, het instrument is te nieuw om grondig en genuanceerd te evalueren. Er werd bij de evaluatie gekeken naar efficiëntie, relevantie, samenhang, effectiviteit en Europese toegevoegde waarde.

### Context

Contractuele Publiek-Private Partnerschappen (cPPPs) zijn contractuele overeenkomsten tussen de Europese Commissie en industriële organisaties in sleutelsectoren van de Europese economie. Door deze partnerschappen kunnen de EU en de industrie geld vrijmaken voor onderzoeks- en innovatieactiviteiten op gebieden die essentieel zijn voor Europees industrieel leiderschap. Het belang van dit leiderschap wordt ook benadrukt in de nieuwe strategie voor industriebeleid. Naast cPPPs worden ook andere partnerschappen binnen Horizon 2020 geëvalueerd, waaronder *Artikel 185-initiatieven* en *Joint Technology Initiatives* (Artikel 187-initiatieven).

### Meer informatie

**Rapport Europese Commissie:** *Mid-term review of the contractual Public Private Partnerships (cPPPs) under Horizon 2020*  
<https://publications.europa.eu/en/publication-detail/-/publication/6de81abe-a71c-11e7-837e-01aa75ed71a1/language-en>

## Onderzoeksinfrastructuren moeten duurzamer en van betere kwaliteit (17 oktober 2017)

Bron: Neth-ER Nieuwsbrief week 42

**De duurzaamheid en kwaliteit van onderzoeksinfrastructuren moeten beter worden gewaarborgd om hun volledige potentieel te benutten. Het integreren van onderzoeksinfrastructuren en digitale infrastructuren, het gebruik van onderzoeksinfrastructuren als *Innovation Hubs* en het demonstreren van de maatschappelijke waarde van onderzoeksinfrastructuren zijn aanbevelingen uit het rapport van de ESFRI werkgroep.**

### Integreer onderzoeksinfrastructuren met digitale infrastructuren

Onderzoeksinfrastructuren zijn de pioniers van innovatie en excellentie in wetenschap. Om de duurzaamheid en kwaliteit van deze infrastructuren op de lange termijn te waarborgen, moeten de Europese Commissie en nationale overheden zorgen dat er voldoende middelen beschikbaar zijn. Dit zegt een *European Strategic Forum for Research Infrastructures* (ESFRI) werkgroep in het rapport *Long-Term Sustainability of Research Infrastructures* [http://www.esfri.eu/sites/default/files/u4/ESFRI\\_SCRIPTA\\_VOL2\\_web.pdf](http://www.esfri.eu/sites/default/files/u4/ESFRI_SCRIPTA_VOL2_web.pdf). Een betere integratie van onderzoeksinfrastructuren en digitale infrastructuren is essentieel vanwege de groeiende hoeveelheid beschikbare data. Nationale overheden kunnen hun rol hierin vergroten door programma's te financieren die deze integratie als doelstelling hebben.

Verder moeten meer experts getraind worden voor het creëren, managen, analyseren en het toegankelijk maken van grote hoeveelheden digitale data.

### **Onderzoeksinfrastructuren als Innovation Hubs**

Onderzoeksinfrastructuren kunnen veel betekenen voor innovatie maar door slechte communicatie en gebrek aan aandacht voor de mogelijkheden, wordt er te weinig gebruik gemaakt van dit potentieel. Daarom moeten Europese en nationale overheden het ontstaan van innovatie-ecosystemen rond onderzoeksinfrastructuren stimuleren. Verder moeten onderzoeksinfrastructuren benut worden bij het ontwikkelen van producten en kunnen bedrijven en onderzoeksinstellingen samenwerken in programma's voor uitwisseling van werknemers en onderzoekers.

### **Demonstreer maatschappelijke waarde**

Onderzoeksinfrastructuren hebben niet alleen een economische waarde, ze hebben ook een grote regionale invloed en dragen bij aan cohesie en regionale integratie. Verder bevorderen ze de vaardigheden van werknemers, onderzoekers en studenten. Door hun maatschappelijke waarde aan te tonen en naar buiten toe uit te dragen, kunnen zij publieke steun verwerven en financiële duurzaamheid waarborgen. Ook de EU en nationale overheden zouden onderzoeksinfrastructuren constant moeten blijven evalueren en hun maatschappelijke waarde opnemen in een duidelijk strategisch plan.

### **Context**

Onderzoeksinfrastructuren zijn faciliteiten, middelen en verwante diensten die door de wetenschappelijke gemeenschap worden gebruikt om hoogstaand onderzoek te verrichten, variërend van sociale wetenschappen tot astronomie en nanotechnologie. Het rapport van de ESFRI *ad hoc Working Group on Long-Term Sustainability of Research Infrastructures* is een antwoord op de oproep van de Raad in 2016 om een actieplan op te zetten voor het verbeteren van onderzoeksinfrastructuren. De Commissie publiceerde eerder een actieplan voor het verbeteren van onderzoeksinfrastructuren in Europa. In voorjaar 2018 wordt de ESFRI Roadmap 2018 gepubliceerd.

### **Meer informatie**

**Publicatie ESFRI** [http://www.esfri.eu/sites/default/files/u4/ESFRI\\_SCRIPTA\\_VOL2\\_web.pdf](http://www.esfri.eu/sites/default/files/u4/ESFRI_SCRIPTA_VOL2_web.pdf): *Long-Term Sustainability of Research Infrastructures*

## **Brussels, London seek to reassure UK researchers on Horizon 2020 grants (17 October 2017)**

Source: *Science|Business Midweek Newsletter No 78*

**'Keep collaborating,' EU commissioner tells UK grantees rattled by legal uncertainties over Brexit, while UK science minister argues that government pledge to underwrite funding has steadied UK involvement in EU science.**

As uncertainty mounted over the terms of Britain's exit from the European Union, a flurry of official statements from Brussels and London tried to reassure participants in the EU's Horizon 2020 research programme that current projects won't be interrupted. In a speech October 16th in Edinburgh, EU Research Commissioner Carlos Moedas told UK researchers that "while you remain part of the European Union, the Horizon 2020 programme is fully open to you. Please keep taking part. Keep collaborating with your European partners. Keep welcoming researchers from other EU countries into your universities and research teams." He added that UK opinions are also welcome on what the next EU research programme should look like – even though its start would be two years after the planned Brexit date of March 2019. "I have made every effort to reduce the uncertainty caused by Brexit," he said.

The British Department for Business, Energy and Industrial Strategy also issued a statement reiterating that the UK has pledged to pay British grantees directly after March 2019, so that their projects don't get interrupted by Brexit.

Earlier that day in Brussels, however, news from the official Brexit talks was unencouraging. The latest round of negotiations saw the two sides reach "deadlock", according to the EU's chief negotiator Michel Barnier. A joint statement Monday from the UK prime minister and the president of the European Commission, following a dinner, said talks needed to "accelerate in the months to come". This Friday, October 20th, EU leaders – minus the UK - are due to discuss next steps.

### **Unsettling statements**

A rash of statements in the past week have unsettled some Horizon 2020 grantees. **Already, several UK universities had reported being dropped from prospective bidding consortia since the Brexit vote last year.** Then on October 6th, a short statement on the Commission's website raised – in the minds of at least some programme observers – new questions about the status of existing projects. After seeing that statement, **one UK biotech CEO** told *Science|Business* that he felt "very uncomfortable" about the legal situation, and "we would definitely not apply for any further EU grants."

In the notice, **the EU issued a warning to the UK that, unless a Brexit deal is struck that ensures researchers remain eligible, British participants on some EU collaborations may have to leave come March 2019, after the UK officially departs the bloc.** The issues revolve around the fine print inside the Horizon 2020 grant agreements, which provoked confusion by stating that eligibility criteria "must be complied with for the entire duration of the grant".

For British applicants: Please note that until the UK leaves the EU, EU law continues to apply to and within the UK, it comes to rights and obligations; this includes the eligibility of UK legal entities to fully participate and receive funding for Horizon 2020 actions. Please be aware however that the eligibility criteria must be complied with for the entire duration of the grant. If the United Kingdom withdraws from the EU during the grant period without concluding an agreement with the EU ensuring in particular that British applicants continue to be eligible, you will cease to be eligible to receive funding (while continuing, where possible, to participate) or be required to leave the project on the basis of Article 187 of the grant agreement.

*Commission advice for UK researchers Oct. 6*

In response, a spokesperson for the government said, "This update from the Commission does not change the eligibility of UK participants while the UK is a member of the EU."

"The UK Government has already committed to underwrite successful grant bids submitted before the UK's departure from the EU, and we would welcome the opportunity to discuss an ambitious science and innovation agreement with the EU."

Last year the government said it would be able to put up any remaining cash themselves for British participants if the UK leaves the EU while a project is ongoing.

But some researchers express concern that this might not be enough to remain a part of all EU-funded projects.

Analysts point out that the right to study and work abroad, a basic EU principle referred to as free movement, and oversight from the European Court of Justice, could be additional sticking points when it came to UK involvement in collaborations after 2019, because they are part of the eligibility requirements for many EU grants. The government has said Brexit would eventually see the UK make a clear break from EU jurisdiction and terminate free movement.

**At a hearing** before the Science and Technology Select Committee on Tuesday, UK universities and science minister Jo Johnson said, "The EU announcement was really a statement of the current policy."

Johnson said that UK participation in Horizon 2020 remains strong, providing proof that the government's pledge to put up funding for UK researchers in Horizon 2020 projects after Brexit has put many applicants' minds at ease. "The underwrite is working; doing the job it needs to do," the minister said.

Pressed by MP and committee member Vicky Ford on whether the government would consider extending its pledge, so that even those UK applicants who applied to Horizon 2020 after their country left the bloc could still avail of the underwrite, Johnson didn't rule it out. "We will keep this under careful review," he said.

### ***UK could become 'a third country'***

Elaborating on the Commission notice [in an interview with the Scotsman on Monday](#), Moedas said, "It was important to be transparent and inform UK-based applicants now that if the UK withdraws from the EU without concluding a withdrawal agreement they may be required to leave the project and no longer receive funding."

For projects for which the grant agreement is signed after the UK withdrawal takes effect, UK participants will be treated as entities established in a 'third country', the Commissioner added, meaning a non-EU member without an "association agreement." Some EU neighbours, such as Switzerland, Norway and Egypt, have previously negotiated this special association status which makes their researchers eligible for EU funding. By contrast, researchers from third countries such as Canada and the US may participate as part of Horizon 2020 consortia, but have to find their own funding sources for the work. The UK's future status is part of the stymied Brexit negotiations.

"Under Horizon 2020 rules, projects are open to participants from third countries, but only in addition to the minimum number of EU partners, and such third country participants would not normally receive funding," Moedas said in the Scotsman interview.

In a position paper published in September, the UK government said that it wants to have a "more ambitious and close partnership" with EU science programmes after Brexit than any that has previously been agreed with non-members, including Switzerland and Norway.

**The UK also said it is prepared to contribute money into Framework Programme 9.**

### ***'Affected thousands of lives'***

Moedas did not directly refer to the notice in his Edinburgh speech; instead, he acknowledged that Brexit had affected "the lives of thousands of researchers. In Scotland, in the UK and across Europe." Researchers in the 27 other member states want to see the UK continue to participate in EU research projects, Moedas added, but "I cannot speculate what the final outcome of Brexit will be".

**This article was updated on October 19 to incorporate MP Jo Johnson's comments**

## 2017-2018 Joint Belmont Forum and BiodivERsA Call “Scenarios of Biodiversity and Ecosystem Services” (17 October 2017)

Source: Website BiodivERsA <http://www.biodiversa.org/1224>

The Belmont Forum <http://www.belmontforum.org/opportunities/#open> and BiodivERsA are pleased to announce the 2017-2018 international call for research proposals on “Scenarios of Biodiversity and Ecosystem Services”

The Call will address the two following major (non-exclusive) priorities:

- **Development and application of scenarios of biodiversity and ecosystem services across spatial scales of relevance to multiple types of decisions**
- **Consideration of multiple dimensions of biodiversity and ecosystem services in biodiversity scenarios**

The call aims at **supporting proposals that explicitly address a scenario dimension**, taking into account the following definition of scenarios: “Scenarios of biodiversity and ecosystem services are the outputs of the combination of scenarios of indirect drivers and direct drivers — such as land use change, invasive alien species, overexploitation, climate change or pollution — and models of impacts of these drivers on biodiversity and ecosystem services.”

**25 funding organisations from 23 countries are joining this call:**

**Argentina, Austria, Belgium<sup>#</sup>, Brazil (State of Sao Paulo only), Bulgaria, Canada, Estonia, Finland, France, Germany, Ireland, Ivory Coast, Lithuania, The Netherlands, Norway, Poland, Romania, Slovakia, Spain, Sweden, Switzerland, Turkey, United States of America.**

*<sup>#</sup> confirmed for the Wallonia-Brussels Federation; decision for the federal level still pending*

Some Funding organisations may also define specific funding rules allowing the funding of teams from low-income and lower-middle income countries. This information is detailed in the Funding organisations’ rules. If you would like to use this opportunity, please make sure to contact your Funding Organisation Contact Point.

The Belmont Forum and BiodivERsA partners together with the European Commission (EC)\* have provisionally reserved more than 25 million Euros for this call.

(\*EC contribution is still tentative, pending on the signature of the Grant Agreement of the BiodivScen project)

Scientific teams are invited to form international consortia comprising **research groups from at least three countries** participating in the call.

Consortia are highly encouraged to involve at least two teams from two different EU Member States or H2020 Associated Countries to be eligible for EC funding (here: Austria, Belgium, Bulgaria, Estonia, Finland, France, Germany, Ireland, Lithuania, The Netherlands, Norway, Poland, Romania, Slovakia, Spain, Sweden, Switzerland and Turkey).

Proposals should also clearly demonstrate the **added value linked to the international nature of the projects** and to the level of collaboration between teams from different countries.

Proposals will be evaluated according to criteria of **(i) scientific excellence, (ii) policy relevance and societal impact (which includes stakeholder engagement), and (iii) quality and efficiency of the project implementation**. For more information on the objectives and possible approaches for stakeholder engagement in research projects, please check the BiodivERsA Stakeholder Engagement Handbook <http://www.biodiversa.org/702> .

A two-step process will apply, with a mandatory pre-registration of projects at the first step and submission of full proposals at the second step. Pre-registrations and full proposals (to be written in English) must be submitted electronically with the Electronic Proposal Submission System (EPSS). The link to the EPSS will be available on the Belmont Forum and BiodivERsA websites.

Each research Partner in a project must comply with the eligibility criteria and rules of its funding organisation.

### **SCHEDULE OF THE CALL**

**Release date of the call: Monday 02 October 2017**

**Deadline for pre-registration (mandatory): Friday 01 December 2017, 17:00 CET (local time in Brussels)**

**Deadline for submission of full-proposals: Friday 09 March 2018, 17:00 CET (local time in Brussels)**



### **Conference Harnessing Research and Innovation for FOOD 2030 Science Policy Dialogue Webstreaming available (24 October 2017)**

Source: Website EC Research & Innovation Conferences & Events <http://ec.europa.eu/research/conferences/2017/food2030/index.cfm>

**The conference Harnessing Research and Innovation for FOOD 2030 Science Policy Dialogue took place the 16<sup>th</sup> of October 2017.**

This one day conference served to disseminate successful European Research and Innovation (R&I) initiatives and contributed to the ongoing science-policy dialogue in the area of Food Nutrition and Security.

It provided a stakeholder platform to assess the current state of European research, innovation and investment, and explore future needs relevant to the Food and Nutrition Security priorities of:

- Sustainable and healthy nutrition;
- Climate-resilience and environmental sustainability;
- Circularity and resource efficiency; and
- Food system innovation and empowerment of communities.

John Bell, Director for the Bioeconomy in DG Research & Innovation opened the conference. Directly after, **Louise O. Fresco, President of Wageningen University & Research, started the Plenary Political Session with a speech on “Science for Food System Transformation.**

Webstreaming of the conference is available on the conference website <http://ec.europa.eu/research/conferences/2017/food2030/index.cfm>

### **Effective simplification for FP9: EUA kicks off informal dialogue with major stakeholders (19 October 2017)**

Source: EUA Newsletter 18 - 20/10/2017

**As part of its continuous effort to advance the simplification agenda, EUA convened an informal stakeholder meeting on the simplification of the future Framework Programme for Research and Innovation (FP9) in Brussels earlier this month.**

The EUA member consultation on the Horizon 2020 mid-term review <http://www.eua.be/activities-services/eua-campaigns/EUAconsultation-Horizon2020-Erasmus> concluded that “*despite the progress in simplification in some areas, Horizon 2020 is still associated with a high administrative burden at all stages of application, participation and project administration. Questions related to staff costs and accounting methodologies have yet to be solved.*” In practical terms, these challenges are reflected in a high number of errors that beneficiaries make while reporting on their direct and indirect costs in Horizon 2020.

In an attempt to re-focus the ongoing policy discussions on more impactful and effective simplification scenarios, EUA has launched an informal dialogue with the key players inviting them to discuss the possibility of a broader acceptance of nationally recognised institutional accounting and management practices in FP9. Participants of the first meeting, including high-level representatives of the European Commission and the European Court of Auditors, selected national R&D funders, as well as a group of experienced university administrators, exchanged their views on the potential impact and feasibility of such measures.

EUA is currently collecting further evidence on institutional accounting and management practices applied by universities for the administration of Horizon 2020 projects. **University research and finance teams can still provide their input by taking part in the EUA survey** [https://eua.az1.qualtrics.com/SE/?SID=SV\\_51qsi3O2vJYU6Tb&Q\\_JFE=0](https://eua.az1.qualtrics.com/SE/?SID=SV_51qsi3O2vJYU6Tb&Q_JFE=0) **on various aspects of simplification (open until 26 October).** The survey results will be channelled into the policy debate on the participation and funding modalities of the future Framework Programme with a specific aim to improve cost coverage and eligibility of costs for academic beneficiaries. In this respect, the next opportunity for EUA to share the universities’ feedback will be the upcoming Stakeholders Workshop [http://ec.europa.eu/research/participants/data/ref/h2020/other/events/2017-10-20/agenda\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/other/events/2017-10-20/agenda_en.pdf) on ideas for further simplification of the implementation of the R&I Framework Programmes organised by the European Commission.

### **A mission-oriented program for Europe: JPIs ready to take up the challenge (19 October 2017)**

Source: Website ERA-Platform: [http://www.era-platform.eu/files/8515/0884/2979/PM\\_Invite\\_7thNov2017\\_WS\\_at\\_JPconference.pdf](http://www.era-platform.eu/files/8515/0884/2979/PM_Invite_7thNov2017_WS_at_JPconference.pdf)

Recently the independent High Level Group chaired by Pascal Lamy published recommendations aimed at maximizing the impact of future EU research and innovation programmes. One of its main conclusions was to adopt a mission-oriented, impact-focused approach to address global challenges and mobilise researchers, innovators and other stakeholders to address them. The Joint

Programming Initiative Chair Forum fully backs all these recommendations and strongly supports the vision. At the **3rd GPC Workshop on the future of Joint Programming on the 7th of November** the JPIs will discuss the value of partnerships in mission oriented programmes.

The Joint Programming Initiative concept was born from a Commission incitation and endorsed by the Council to specifically address grand challenges\* identified by a high level group, the GPC. JPIs are relying on three pillars: a shared vision, a dedicated simplified management structure and a strategic research and innovation agenda. JPIs have allowed the prioritization of research and innovation in national budgets and the building of a true European and global research era that fosters collaborations between researchers. Within these challenges, JPIs have succeeded in rationalizing the national funding landscape and offering a large visibility that has favored international collaborations and major impacts.

The High Level Group of Joint Programming (GPC) and the 10 JPIs are organising a workshop entitled **“How to improve coherence of the partnership landscape and strengthen the delivery of partnerships on mission oriented programmes?”**. The Workshop will be held in **Brussels on 7th of November (09.00 – 12.00), back-to-back with the Annual P2P Conference** (November 7-8, MCM - Management Centre Europe – rue de l’Aqueduc 118, 1050, Brussels). The workshop aims to take a next step towards a reflection on existing partnerships and their missions and requirements for future mission-oriented programmes as well as a more coherent landscape of those partnerships. A high-level debate on the importance and role of partnerships in FP9 as well as parallel sessions will allow thematic in-depth discussions of current and future contributions of these partnerships to tackle specific societal challenges and related missions.

**Participation is on invite only.**

## **Meer aandacht voor fundamenteel onderzoek KP9 in Raad (17 oktober 2017)**

Bron: Neth-ER Nieuwsbrief week 42

**Horizon 2020 focust te veel op onderzoek met hoge *technology readiness levels* (TRL). Er is daarom meer financiering nodig voor fundamenteel onderzoek in het Negende Kaderprogramma (KP9). Dat staat in een voorstel van het Estse Voorzitterschap aan de Raad van de EU. Volgens de conceptconclusies moeten onderzoek en onderwijs beter met elkaar verbonden worden en moet het Onderzoek en Innovatie (O&I) landschap worden vereenvoudigd.**

### **Meer financiering voor basisonderzoek in KP9**

In Horizon 2020 wordt teveel nadruk gelegd op O&I met hoge TRLs. Dit blijkt uit de conceptconclusies *From the Interim Evaluation of Horizon 2020 towards the ninth Framework Programme* <http://data.consilium.europa.eu/doc/document/ST-12916-2017-INIT/en/pdf> die het Estse Voorzitterschap heeft gecirculeerd. Er moet in het Negende Kaderprogramma (KP9) voldoende budget beschikbaar komen voor fundamenteel onderzoek, zowel door individuele onderzoekers als door samenwerkingsverbanden. Dit is nodig voor het aanpakken van maatschappelijke uitdagingen en het ontwikkelen van nieuwe technologieën. De lidstaten worden in het rapport opgeroepen tot meer publieke investeringen in KP9 en het verhogen van de kwaliteit en impact van deze investeringen. Ook wordt het belang om O&I in alle EU-beleidssterreinen en programma’s onder te brengen onderstreept.

### **Meer verbindingen tussen onderwijs en onderzoek**

In de tekst wordt ook voorgesteld om de banden tussen de European Research Area en de European Higher Education Area te versterken, bijvoorbeeld door onderzoeksconsortia te stimuleren en onderwijs- en opleidingsactiviteiten te organiseren. Dit draagt bij aan de beschikbaarheid van goed opgeleide mensen en de circulatie van nieuwe ideeën en kennis tussen onderzoek, industrie en onderwijs.

### **Vereenvoudiging**

De conceptconclusies benadrukken dat het huidige O&I landschap te complex is, mede door het grote aantal partnerschapsinstrumenten. Daarom roepen zij de Commissie en lidstaten op het O&I landschap te vereenvoudigen, door een stappenplan op te zetten voor implementatie van partnerschappen en een orgaan in het leven te roepen dat deze implementatie opvolgt. Ook wordt opgeroepen tot betere synergiën tussen KP9 en de andere EU-financieringsinstrumenten zoals de *European Structural and Investment Funds*.

### **Lange-termijnvisie**

Samenwerking, excellentie, impact en openheid moeten volgens het document het fundament van KP9 vormen. Europese toegevoegde waarde moet de belangrijkste drijfveer zijn als het gaat om de implementatie van KP9. Bovendien wordt benadrukt dat het langetermijneffect van O&I in het licht van de beleidsdoelen beoordeeld moet worden.

### **Context**

In deze conceptconclusies geeft de Raad zijn voorlopige visie op de lessen uit de interim evaluatie van Horizon 2020 ende invulling van KP9. Het conceptdocument zal worden besproken in aanloop naar de Raad voor Concurrentievermogen eind november.

### **Meer informatie:**

**Conceptdocument Raad van de EU:** [From the Interim Evaluation of Horizon 2020 towards the ninth Framework Programme](#) (link is external)

## Other International subsidy news

### Call for proposals 2018 — EAC/A05/2017 Erasmus+ Programme (25 October 2017)

Source: Website Official Journal of the European Union <http://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:C2017/361/04&from=NL>

This call for proposals is based on the Regulation (EU) No 1288/2013 of the European Parliament and of the Council <sup>(1)</sup> establishing 'Erasmus+': the Union Programme for education, training, youth and sport as well as on the 2017 and 2018 Erasmus+ Annual Work Programmes. The Erasmus+ Programme covers the period 2014 to 2020

#### Actions

This call for proposals covers the following actions of the Erasmus+ Programme of potential interest for Wageningen

#### Key Action 1 (KA1) - Learning mobility of individuals

- Mobility of individuals in the field of education, training and youth
- Erasmus Mundus Joint Master Degrees

#### Key Action 2 (KA2) - Cooperation for innovation and the exchange of good practices

- Strategic partnerships in the field of education, training and youth
- Knowledge Alliances
- Sector Skills Alliances
- Capacity building in the field of higher education
- Capacity building in the field of youth

#### Eligibility

Any public or private body active in the fields of education, training, youth and sport may apply for funding within the Erasmus+ Programme. In addition, groups of young people who are active in youth work, but not necessarily in the context of a youth organisation, may apply for funding for learning mobility of young people and youth workers as well as for Strategic partnerships in the field of youth.

The following Programme Countries can fully take part in all Erasmus+ Programme actions (2):

- the Member States of the European Union,
- the EFTA/EEA countries: Iceland, Liechtenstein and Norway,
- EU candidate countries: Turkey and the former Yugoslav Republic of Macedonia

In addition, certain Erasmus+ Programme actions are open to organisations from partner countries.

Please refer to the Erasmus+ Programme Guide for further details on the modalities of participation.

For British applicants: Please be aware that eligibility criteria must be complied with for the entire duration of the grant. If the United Kingdom withdraws from the EU during the grant period without concluding an agreement with the EU ensuring in particular that British applicants continue to be eligible, you will cease to receive EU funding (while continuing, where possible, to participate) or be required to leave the project.

#### Budget and duration of projects

The implementation of this call for proposals is subject to the following conditions:

- The availability of the appropriations provided for in the draft budget for 2018 after the adoption of the budget for 2018 by the budgetary authority or if the budget is not adopted as provided for in the system of provisional twelfths.
- The adoption by the European legislative authority of the 2018-2020 Multiannual Indicative Programmes (MIPs) without any significant modifications.

**The total budget earmarked for this call for proposals is estimated at EUR 2 490,9 million:**

Education and Training:	EUR	2 253,2 million <sup>(3)</sup>
Youth:	EUR	188,2 million
Jean Monnet:	EUR	12,1 million
Sport:	EUR	37,4 million

The total budget earmarked for the call for proposals as well as its repartition is indicative and may be modified subject to an amendment of the Erasmus+ Annual Work Programmes. Potential applicants are invited to regularly consult the Erasmus+ Annual Work Programmes and their amendments, published on: [http://ec.europa.eu/dgs/education\\_culture/more\\_info/awp/index\\_en.htm](http://ec.europa.eu/dgs/education_culture/more_info/awp/index_en.htm) as regards the available budget for each action covered by the call.

The level of grants awarded as well as the duration of projects vary depending on factors such as the type of project and the number of partners involved.

#### Deadline for the submission of applications

All deadlines for submission of applications specified below end at 12.00 (noon), Brussels time.

<b>Key Action 1</b>	
Mobility of individuals in the field of youth	1 February 2018
Mobility of individuals in the field of higher education	1 February 2018
Mobility of individuals in VET, school education and adult education fields	1 February 2018
Mobility of individuals in the field of youth	26 April 2018
Mobility of individuals in the field of youth	4 October 2018
Erasmus Mundus Joint Master Degrees	15 February 2018

<b>Key Action 2</b>	
Strategic partnerships in the field of youth	1 February 2018
Strategic partnerships in the field of education and training	21 March 2018
Strategic partnerships in the field of youth	26 April 2018
Strategic partnerships in the field of youth	4 October 2018
Knowledge Alliances	28 February 2018
Sector Skills Alliances	28 February 2018
Capacity building in the field of higher education	8 February 2018
Capacity building in the field of youth	8 March 2018

## New funding opportunity: €14.5 million in Sustainable Blue Economy call (24 October 2017)

Source: Website EASME Executive Agency for SMEs <https://ec.europa.eu/easme/en/news/new-funding-opportunity-145-million-sustainable-blue-economy-call>

The European Maritime and Fisheries Fund has launched a new call to foster Sustainable Blue Economy. The call with a total budget of €14.5 million focuses on four areas: Demonstration & market, fighting marine litter, blue networks and restoring ecosystems. The deadlines are 8 and 28 February 2018 depending on the particular strand you apply for.



The **Sustainable Blue Economy call** <https://ec.europa.eu/easme/en/sustainable-blue-economy> focuses on supporting innovation and bringing research results closer to the market. The other objective is to increase capacity building and networking for a sustainable use of our sea basins. The call will support sustainable job creation, innovation and entrepreneurship.

**The call comprises of 4 strands:**

### **Strand 1 Demonstration projects for the blue economy**

Budget: **€8.000.000**

Deadline: **28/02 2018**

It will boost demonstration projects based on innovative technologies to test, deploy and scale up new industry, service applications and solutions for the blue economy. It will help improve the market-readiness of innovative technologies and/or maritime services.

### **Strand 2 Efficient strategies and technologies against marine litter**

Budget: **€2.000.000**

Deadline: **08/02 2018**

It will support concrete methodologies and technologies for:

- reducing the volume and harmfulness of marine litter from sea-based sources;
- monitoring and quantifying the contribution of sea-based sources of marine litter and
- removing and recycling it, in an environmentally sound and resource-efficient way.

### **Strand 3 Blue networks for the Mediterranean**

Budget: **€3.000.000**

Deadline: **28/02 2018**

It will promote networking to support job creation, innovation and entrepreneurship in the blue economy of the Mediterranean Sea through cooperation between a wide variety of stakeholders such as education and training institutes, maritime clusters and fisheries local communities from the EU and its partner countries in the Mediterranean.

#### **Strand 4 Joint actions for a sustainable Blue economy in the Mediterranean**

Budget: **€1.500.000**

Deadline: **08/02 2018**

It will support the restoration of damaged or degraded coastal and marine ecosystems in zones of the Mediterranean with a high potential for a wide range of marine ecosystem services.

**For more detailed information** check the extract from the amendment of the Work Programme 2017

[http://ec.europa.eu/easme/sites/easme-site/files/extract\\_from\\_amendm.wp2017.docx](http://ec.europa.eu/easme/sites/easme-site/files/extract_from_amendm.wp2017.docx)

#### **Info Day - 9 November**

Join our Info Day on 9 November and learn more about the call. The registration is open until 3/11/2017. The day will be opened by **Karmenu Vella, Commissioner for Environment, Maritime Affairs and Fisheries**.

**Download the full Agenda** [https://ec.europa.eu/easme/sites/easme-site/files/final.emff\\_infoday\\_agenda\\_web.pdf](https://ec.europa.eu/easme/sites/easme-site/files/final.emff_infoday_agenda_web.pdf)

### ***EUREKA network and cluster projects worth € 137 M endorsed (18 October 2017)***

Source: Website Eureka network and cluster projects: <http://www.eurekanetwork.org/content/eureka-network-and-cluster-projects-worth-%E2%82%AC-137-m-endorsed>

**In EUREKA's high level group meeting in October 2017, a total of 32 EUREKA network and ITEA 3 cluster projects were endorsed for funding. Worth € 137 M, these projects will drive technological innovation in a wide range of areas, from transport to smart manufacturing, ICT, nanomaterials, healthcare and food production.**

For **EUREKA network projects**, this means € 23 M of public-private investment going into 25 projects, involving 18 countries. Project participants from Chile, EUREKA's most recent associate country, are represented in three different projects and will bring in their expertise in monitoring and control processes by robotics, colour concentrates for plastics and wood panel production.

The biggest chunk of public-private investment will flow into **ITEA 3 EUREKA cluster projects**. Just seven projects bring together a total of 101 participants - key industry players large and small, research institutes and others. These projects are worth € 114 M.

**ITEA is the EUREKA Cluster programme supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS)**. SiSS are a key driver of innovation in Europe's most competitive industries, such as automotive, communications, healthcare and aerospace.

Consequently, the EUREKA-endorsed projects are set to **be game-changers** in many ways: they can provide new solutions to current challenges in software development (e.g. striking the right balance between reliability and agility in TESTOMAT

<https://itea3.org/project/testomatproject.html>), and can set new standards, for instance in virtual material models for computer-aided engineering in VMAP <https://itea3.org/project/vmap.html>, or provide software generation for IoT nodes with ultra-small memory footprints and ultralow power consumption (COMPACT <https://itea3.org/project/compact.html>).

For Europe's industries of the future, the projects promise faster software development of embedded systems (EMPHYSIS

<https://itea3.org/project/emphysis.html>) and optimisation of the energy consumption of new production plants (SPEAR

<https://itea3.org/project/spear.html>) among other benefits. In healthcare, improved data collection and personalised treatments that can

be adjusted in real-time are set to improve the quality of life of cancer patients and people suffering from chronic diseases (STARLIT

<https://itea3.org/project/starlit.html> and PARTNER <https://itea3.org/project/partner.html>).

#### **Find out more:**

Call for EUREKA network projects (open all year) <http://www.eurekanetwork.org/content/eureka-network-projects>

More on ITEA <https://itea3.org/>

Other EUREKA Clusters <http://www.eurekanetwork.org/eureka-clusters>

## National subsidy news

### TOP-subsidies voor vrij onderzoek in astronomie, informatica en wiskunde (23 oktober 2017)

Bron: Website NWO onze financieringsinstrumenten <https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/index.html>

De ronde TOP-Subsidies voor vrij onderzoek in astronomie, informatica, en wiskunde is opgedeeld in twee compartimenten. **Compartiment 1** is een beurs voor senior onderzoekers met een bewezen track record. **Compartiment 2** is een beurs voor junior onderzoekers die aan het begin van hun wetenschappelijke carrière staan.

Deze competitie is bestemd voor aanvragen voor vernieuwend en risicovol wetenschappelijk onderzoek met een vraagstelling die van hoge kwaliteit en wetenschappelijke urgentie is. Aanvragen dienen aantoonbaar belangrijk te zijn voor astronomie, informatica en/of wiskunde.

#### Wanneer

In 2017-2018 kunnen aanvragen voor TOP-subsidies doorlopend ingediend worden.

#### Kies een financieringsinstrument

- TOP-Subsidies voor vrij onderzoek in astronomie, informatica en wiskunde, **compartiment 1**  
<https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-1/top-subsidies-voor-vrij-onderzoek-compartiment-1.html>
- TOP-Subsidies voor vrij onderzoek in astronomie, informatica en wiskunde, **compartiment 2**  
<https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-2/top-subsidies-exacte-wetenschappen-voor-vrij-onderzoek-compartiment-2.html>

### Wetenschappelijke infrastructuur voor astronomie, informatica en wiskunde (23 oktober 2017)

Bron: Website NWO onze financieringsinstrumenten <https://www.nwo.nl/financiering/onze-financieringsinstrumenten/enw/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde.html>

Met het financieringsinstrument "Wetenschappelijke infrastructuur voor astronomie, informatica en wiskunde - Investerings NWO-middelgroot" kunnen Nederlandse universiteiten, onderzoeksinstituten en bibliotheken investeren in wetenschappelijk vernieuwende apparatuur of dataverzamelingen van zowel lokaal als nationaal belang.

Nederlandse kennisinstellingen die zich richten op astronomie, informatica en/of wiskunde, kunnen met financiering uit dit instrument investeren in de aanschaf van apparatuur. De financiering kan ook gebruikt worden voor het opzetten, koppelen en verrijken van dataverzamelingen, bijbehorende programmatuur en bibliografieën. De investering moet een landelijk toegankelijke bijdrage leveren aan de infrastructuur en niet door koop te verwerven zijn.

#### Voor wie

Alleen gepromoveerde onderzoekers van de onderstaande kennisinstellingen komen in aanmerking:

- Nederlandse universiteiten
- NWO-instituten (incl. de Dutch-Belgian Beamline bij de ESRF in Grenoble)
- Wetenschappelijke bibliotheken
- Nederlands Kanker Instituut
- Max Planck Instituut voor Psycholinguïstiek te Nijmegen
- NCB Naturalis
- Advanced Research Centre for NanoLithography (ARCNL)
- Prinses Máxima Centrum voor kinderoncologie

De KNAW-instituten zijn uitgesloten van aanvragen voor deze financiering.

#### Wat aanvragen

U kunt financiering aanvragen van 110.000 euro tot 500.000 euro (inclusief btw). Hiermee schaft u wetenschappelijke apparatuur aan en kunt u dataverzamelingen en bijbehorende programmatuur en bibliografieën opzetten, koppelen en verrijken. De instelling moet minimaal 25 procent bijdragen aan de kosten van de investering.

#### **Subsidiabel zijn:**

- kosten voor investeringen in wetenschappelijke apparatuur en databases;
- personeelskosten voor het opzetten van databases en de initiële digitalisering van het bibliografisch apparaat, indien deze niet gekocht kunnen worden;
- personeelskosten voor medewerkers met een specifieke en essentiële technische expertise noodzakelijk voor de ontwikkeling of bouw van een investering.

Bij het aanvragen van financiering voor personeelskosten (of indien personeelskosten als medefinancieringsbijdrage worden opgevoerd) moet u onderbouwen waarom deze personeelskosten noodzakelijk zijn, waarom de betreffende faciliteit niet gekocht kan worden en waarom de benodigde personele expertise niet elders kan worden ingehuurd tegen vergelijkbare kosten.

#### **Wanneer**

- **De deadline voor het indienen van aanvragen is dinsdag 30 januari 2018, 14:00 uur (CET).** Voorstellen die na de deadline worden ingediend worden niet in behandeling genomen.

## **Honoreringen oktober 2017: Open Technologieprogramma en Partnership TTW-Rijk Zwaan (18 oktober 2017)**

Bron: Website NWO-STW honoreringen oktober 2017 <https://www.nwo.nl/actueel/nieuws/2017/enw/vier-nieuwe-projecten-in-open-programma-voor-aardwetenschappen-en-levenswetenschappen.html>

**Het bestuur van NWO-domein Toegepaste en Technische wetenschappen heeft in oktober zes onderzoeksvorstellen gehonoreerd binnen het Open Technologieprogramma en één binnen het Partnership-programma van TTW en Rijk Zwaan.**

#### **Open Technologieprogramma**

1. Identification of microRNAs as biomarkers and therapeutic targets for chronic Hepatitis B virus (HBV) infection (15783)  
Hoofdaanvrager: dr. N.A. Kootstra, Universiteit van Amsterdam
2. IR-IS: a New Dimension in Analytical Mass Spectrometry (15769)  
Hoofdaanvrager: prof.dr. J. Oomens, Radboud Universiteit Nijmegen
3. Rapid degradation of railway tracks on soft soils explained and mitigated: multi-scale dynamics modelling, a novel approach (15968)  
Hoofdaanvrager: dr.ir. K.N. van Dalen, Technische Universiteit Delft
4. Non Ideal Compressible Fluid Dynamics (NICFD) - Enabling Science for Turbomachinery of Next-Generation Waste Heat Recovery Systems (15837)  
Hoofdaanvrager: prof.dr.ir. P. Colonna, Technische Universiteit Delft
5. Ultimate efficiency solar cell (15971)  
Hoofdaanvrager: dr. J.E.M. Haverkort, Technische Universiteit Eindhoven
6. **Watching Ink Dry; Unravelling drying & film formation in inkjet printing (15777)**  
**Hoofdaanvrager dr.ir. J.H.B. Sprakel, Wageningen University & Research: Physical Chemistry and Soft Matter**  
*Inkjet printing has rapidly become a household technology; used by everyday consumers in their homes, to the production of professional printed matter and high-tech applications such as diagnostics and additive manufacturing. Nonetheless, much remains unknown about what happens when a droplet of ink is released by the printer and lands on the substrate of interest; this lack of insight prevents the effective development of new, and more sustainable, printing processes. In this project we will use an innovative experimental methodology to unravel with great resolution, in both space and time, what is the fate of ink droplets after they leave the printer. These insights will form a stepping stone for new innovations in the printing industry.*

#### **Partnership NWO-domein TTW-Rijk Zwaan**

**PATHOVIEW: automated imaging of pathogen-infection of crops to understand, track, and quantify disease resistance traits (16293)**  
Hoofdaanvrager: prof.dr. A.J.F.M. van Ackercken, Universiteit Utrecht

## Regional subsidy and innovation news

### **Subsidie voor Koolstofarme innovaties vanaf 7 november (23 oktober 2017)**

Bron: Website OP-Oost <http://www.op-oost.eu/Actueel/Nieuwsberichten/Subsidie-voor-Koolstofarme-innovaties-vanaf-7-november.html>

**Subsidie voor Koolstofarme innovaties vanaf 7 november open. Voor activiteiten die ten goede komen aan Gelderland is € 8.680.000 beschikbaar en voor Overijssel € 1.050.000.**

Ondernemers in Gelderland of Overijssel, die samenwerken aan duurzame innovaties, kunnen in aanmerking komen voor subsidie uit het Europees Fonds voor Regionale Ontwikkeling (EFRO). Aanvragen kunnen vanaf 7 november worden ingediend.

#### **Tot 40% subsidie**

Er kan subsidie worden aangevraagd voor activiteiten die zijn gericht op koolstofarme innovatie. Het subsidiepercentage per subsidieontvanger kan oplopen tot 40% van de subsidiabele kosten. Een subsidie bedraagt minimaal € 250.000, -- en maximaal € 2.000.000,-- per aanvraag.

#### **Voor wie**

Subsidie voor grote R&D-samenwerkingsprojecten (Research en Development) kan worden aangevraagd door twee of meer onafhankelijke samenwerkende organisaties. Er moet minimaal één mkb-onderneming betrokken zijn. De activiteiten in de aanvraag moeten zijn gericht op de S3-sector Energie en Milieutechnologie, inclusief biobased economy, al dan niet in combinatie met een andere S3-sector (Agro & Food, Health of High Tech Systemen & Materialen) of ondersteunende sectoren (ICT, water, creatieve industrie, chemie en maakindustrie). Voor meer informatie zie: Grote R&D-projecten Koolstofarme innovatie (3.3) [http://www.op-oost.eu/Grote-R-amp-D-projecten-Koolstofarme-innovatie-\(3-3\)](http://www.op-oost.eu/Grote-R-amp-D-projecten-Koolstofarme-innovatie-(3-3))

#### **Wie het eerst komt...**

Het beschikbare budget wordt verdeeld volgens het first come first serve principe. Dit betekent dat de (volledige) aanvragen op volgorde van binnenkomst worden beoordeeld. Dit geldt zolang er binnen de regeling nog budget beschikbaar is en uiterlijk tot 28 februari 2018. Op [www.op-oost.eu](http://www.op-oost.eu) treft u de actuele stand van het beschikbare budget <http://www.op-oost.eu/bestanden/Documenten/OP-Oost/Aanvragen/Stand%20van%20zaken%20versie%20231017.pdf>.

#### **Eerdere aanvragen**

Vele ondernemers hebben al EFRO-ondersteuning ontvangen. Zo wordt door een consortium energiebesparing nagestreefd met gebruik van data. Er wordt een prototype voor procesautomatiseringssystemen ontwikkeld, dat zich richt op handelsstrategieën op de energiemarkt en energetische procesoptimalisatie. Dit prototypesysteem wordt getest in een experimenteel vrieshuis en drie bedrijven in de maakindustrie. Een ander consortium ontwikkelt een nieuwe technologie voor het afvangen van CO<sub>2</sub> uit de lucht en uit rookgassen. Binnen het project ontwikkeld het consortium een pilotplant om de technologie verder te valideren en op grotere schaal te demonstreren.

### **INTERREG NWE-nieuws: targeted call 'Hernieuwbare Energie' (19 oktober 2017)**

Bron: Nieuwsbrief Interreg Noord West Europa \_oktober2017

**Het NWE programma opent in mei 2018 een 'targeted call' speciaal gericht op hernieuwbare energie.**

Het programma is op zoek naar grote(re) projecten met een voor de NWE-regio strategisch belang voor het bereiken van een doorbraak rond hernieuwbare energie. Het mag gaan om projecten met grote investeringen, maar zeker ook om projecten die in staat zijn binnen de looptijd of kort erna groots op te schalen.

De exacte beschrijving en voorwaarden ('Terms of Reference') voor deze call worden momenteel opgesteld. De lidstaten besluiten er naar verwachting vóór half december over. Daarna volgt een exacte beschrijving op de programmawebsite.

Bekend is wel al dat voor deze 'targeted call' een **één-staps procedure** wordt gevolgd: er moet dus **een volledig projectvoorstel** worden ingediend.

Voor degenen die rond dit thema momenteel projecten voorbereiden voor call 6 en 7, kan het wellicht de moeite lonen om een volledig projectvoorstel in te dienen in mei 2018.

Indien u op basis van bovenstaande informatie vermoedt dat uw project past binnen deze 'targeted call', neem dan contact met ons op **Gé Huismans & Jacqueline Brouwer, National Contactpoints Interreg NWE**. Stuur altijd een outline van uw project mee!

Hoe eerder wij van uw project weten, hoe beter we u kunnen helpen.



## **INTERREG NWE-nieuws: Oproep projecten ‘Circulair’ en ‘Mobiliteit’ (19 oktober 2017)**

Bron: Nieuwsbrief Interreg Noord West Europa \_oktober2017

**Zoals we eerder al constateerden, heeft het programma nog zeer veel geld in kas om goede projecten te ondersteunen. In principe nog in alle prioriteiten, maar zeker voor projecten in prioriteit 3 (‘Verminderen van grondstoffen- en materialen gebruik’), omdat daar de aanvragen erg achterblijven. Ook het aantal Nederlandse partijen dat projecten indient in deze prioriteit, is gering.**

Het aantal mobiliteitsprojecten (**onderdeel van prioriteit 2: ‘verminderen uitstoot broeikasgassen’**) blijft eveneens achter.

Beide thema’s zijn naar onze mening goed op het lijf van veel Nederlandse organisaties geschreven. Bij deze dus een oproep om Interreg serieus te overwegen als financieringsbron voor jullie project rond deze thema’s.

Deel jullie projectideeën vroegtijdig met ons **Gé Huismans & Jacqueline Brouwer, National Contactpoints Interreg NWE**, zodat we meer tijd hebben er een succesvol project van te maken.

## **CETSI-regeling van het ministerie IenM: oproep CETSI 2018 (19 oktober 2017)**

Bron: Nieuwsbrief Interreg Noord West Europa \_oktober2017

**In 2018 is er voor de laatste keer budget (ruim een miljoen Euro) in het kader van de CETSI-regeling van het ministerie IenM.**

Elk project in de programma’s NWE en NSR dat bijdraagt aan de beleidsdoelen van het ministerie (klimaatverandering, circulaire economie, duurzame mobiliteit) kan een **aanvraag voor cofinanciering indienen** voor dat deel dat niet door Interreg wordt vergoed. Dit moet gebeuren vóór de indiening van een stap-2 voorstel.

Info over de CETSI hier <https://www.rvo.nl/subsidies-regelingen/cetsi-en-psr> .

## EU R&D and innovation policy

### *Higher education cooperation for development and the Sustainable Development Goals: report from the EARMA/EUA seminar (19 October 2017)*

Source: EUA Newsletter 18 - 20/10/2017

**On 18 October, EUA and EARMA, the European Association of Research Managers and Administrators, co-organised a seminar entitled “Higher education cooperation for development and Sustainable Development Goals: Meeting global and regional challenges”. The seminar was hosted by MEP Bogdan Wenta at the European Parliament, in Brussels. Representatives from the higher education and research worlds and policy makers from the European Commission and the European Parliament discussed the contributions made by the higher education sector and research institutes to the cooperation for development agenda, with the view to contribute to the Sustainable Development Goals (SDGs).**

The seminar was attended by around 40 representatives from the higher education and research and innovation sectors, NGOs, policy making circles, and experts in cooperation for development.

The seminar programme aimed to share four key messages:

1. Higher education institutions (HEIS) are important drivers for social and economic development, and advancing societal changes in general.
2. Partnership and cooperation between HE, research institutes, civil society and the public sector in research, education and innovation contribute to social and economic development.
3. A more integrated European approach to SDGs should be reached, with synergies through appropriate instruments and policy incentives.
4. Engagement with HEIs cross boundaries between development cooperation, institutional capacity building, research and education.

During the seminar, African and European practitioners put forward examples on the role of higher education and research through cooperation initiatives and policies. Representatives from DG Education and Culture, Research and Innovation, and Development and Cooperation, as well as MEPs, also shared their views on existing European policies and funding programmes. Speakers and policy makers made the point that achieving the SDGs will require cooperation, co-creation of knowledge and joint solutions where northern and southern countries, HEIs and companies could work together, in an integrated approach. The central role of universities in delivering knowledge and fostering human capital development was underlined by representatives from the European Commission, as well as their proven capacity to collaborate with the private sector in a cooperation for development perspective.

EUA has had a longstanding commitment <http://eua.be/policy-representation/internationalisation-of-he-and-research/development-cooperation> in collaborating with higher education institutions and associations of institutions in developing and emerging countries. In its 2010 White Paper ‘Europe-Africa Higher Education Cooperation for Development’ <http://eua.be/policy-representation/internationalisation-of-he-and-research/development-cooperation>, it laid out a number of principles for European universities engaging with partners in emerging economies, in Africa and beyond. In 2018, EUA will continue its work on the topic, as a member of the European Commission’s newly appointed High-Level Multi-Stakeholder platform [http://europa.eu/rapid/press-release\\_IP-17-3922\\_en.htm](http://europa.eu/rapid/press-release_IP-17-3922_en.htm) to follow up on the SDGs.

### *Meer aandacht nodig voor internationalisering hoger onderwijs meerwaarde (19 oktober 2017)*

Bron: Neth-ER Nieuwsbrief week 42

**Internationalisering moet blijvend worden geïntegreerd in het hoger onderwijs, met het oog op het halen van de doelstellingen van de moderniseringsagenda. Dit blijkt uit een onderzoeksrapport van het Europees Parlement, waarin modernisering van hoger onderwijs wordt geanalyseerd.**

#### **Internationalisering moet mainstream worden**

Europa moet meer aandacht besteden aan de rol van internationalisering van het hoger onderwijs, aangezien dit structureel bijdraagt aan het behalen van de doelstellingen van de vernieuwde moderniseringsagenda voor het hoger onderwijs. Dit staat in een analyse [http://www.europarl.europa.eu/RegData/etudes/STUD/2017/602002/IPOL\\_STU\(2017\)602002\\_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/STUD/2017/602002/IPOL_STU(2017)602002_EN.pdf) van de voortgang van de implementatie van de moderniseringsagenda voor hoger onderwijs sinds 2011, die in opdracht van het Europees Parlement is uitgevoerd. De moderniseringsagenda richt zich op bredere maatschappelijke uitdagingen waar internationalisering een belangrijke rol in speelt. Verder kan uitwisseling van goede voorbeelden beter worden gestimuleerd, waardoor internationalisering de algemene trend wordt binnen het hoger onderwijs.

#### **Aanbevelingen voor succesvolle modernisering hoger onderwijs**

Er worden nog vier andere aanbevelingen gedaan in het rapport. Allereerst is het van belang dat de moderniseringsagenda goede bekendheid krijgt in het hoger onderwijs, op regionaal niveau en in de industrie. Het Europees Parlement moet de moderniseringsagenda meer en beter gaan promoten, om de verspreiding ervan te verbeteren in de EU-lidstaten. Er moet ook meer aandacht komen voor het opleiden van docenten, waarvoor het verspreiden van goede voorbeelden essentieel is. Verder moet multidisciplinariteit in het onderwijslandschap gestimuleerd worden, naast de *Science, Technology, Engineering, Arts and Mathematics* (STEAM) disciplines, zodat ook kleine en zeldzame disciplines worden gewaarborgd. Het rapport beschrijft ook dat minder financiering uit publieke middelen de innovatiecapaciteit van instellingen in gevaar brengt. Dit tekort aan financiering kan worden aangepakt door uitbreiding naar andere financieringsmogelijkheden te realiseren, maar ook door de fundamentele rol van overheidssubsidies te blijven benadrukken.

### **Context**

De moderniseringsagenda is een product van samenwerking tussen lidstaten onder de zogenaamde *Open Methode van Coördinatie*. De analyse beschrijft welke doelen er behaald zijn in de moderniseringsagenda sinds 2011 en beoordeelt de vernieuwde moderniseringsagenda met het oog op de bereikte doelen of toekomstige uitdagingen. Het rapport geeft vijf concrete aanbevelingen voor het Europees Parlement. In de aanbevelingen wordt het Parlement gevraagd om deze mee te nemen in het vervolg van de moderniseringsagenda. De Europese Commissie speelt een actieve rol bij het vastzetten van de agenda, het leiden van de actuele discussies en het bijhouden van de ontwikkelingen in het hoger onderwijs.

### **Meer informatie**

#### **Publicatie Europees Parlement**

[http://www.europarl.europa.eu/RegData/etudes/STUD/2017/602002/IPOL\\_STU\(2017\)602002\\_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/STUD/2017/602002/IPOL_STU(2017)602002_EN.pdf): *Research for the CULT Committee - Modernisation of higher education*

## **Register now: Neth-ER Event ‘Europe’s need for knowledge’ 19 oktober 2017**

Bron: Neth-ER Nieuwsbrief week 42

**On the 22<sup>nd</sup> of November, Neth-ER will host its annual high-level event in Brussels. This year the topic is ‘Europe’s need for knowledge’ and we invite our participants to engage in an open and multidisciplinary discussion about the relevance of education, research and innovation for Europe’s future.**

Europe is currently facing a number of major challenges related to globalisation, digitisation, security, health, energy and climate change. Finding a way to tackle these challenges requires an innovative approach, in which knowledge plays a crucial role. It is with great pleasure that Neth-ER invites you to share your ideas about the relevance of education, research and innovation for Europe’s future. The event will take place from 16:00 to 20:00 at the Square Brussels Meeting Centre.

#### **Please register here**

[https://docs.google.com/forms/d/e/1FAIpQLScDO6B1SrtrpKUa8BtLAtGQXhU7kNyUyPXgfv9YjuqWs26\\_dA/viewform](https://docs.google.com/forms/d/e/1FAIpQLScDO6B1SrtrpKUa8BtLAtGQXhU7kNyUyPXgfv9YjuqWs26_dA/viewform) ! Registrations are open until November 15<sup>th</sup>.

## **Onderzoeksinfrastructuren moeten duurzamer en van betere kwaliteit (18 oktober 2017)**

Bron: Neth-ER Nieuwsbrief week 42

**De duurzaamheid en kwaliteit van onderzoeksinfrastructuren moeten beter worden gewaarborgd om hun volledige potentieel te benutten. Het integreren van onderzoeksinfrastructuren en digitale infrastructuren, het gebruik van onderzoeksinfrastructuren als *Innovation Hubs* en het demonstreren van de maatschappelijke waarde van onderzoeksinfrastructuren zijn aanbevelingen uit het rapport van de ESFRI werkgroep.**

#### **Integreer onderzoeksinfrastructuren met digitale infrastructuren**

Onderzoeksinfrastructuren zijn de pioniers van innovatie en excellentie in wetenschap. Om de duurzaamheid en kwaliteit van deze infrastructuren op de lange termijn te waarborgen, moeten de Europese Commissie en nationale overheden zorgen dat er voldoende middelen beschikbaar zijn. Dit zegt een *European Strategic Forum for Research Infrastructures* (ESFRI) werkgroep in het rapport *Long-Term Sustainability of Research Infrastructures* [http://www.esfri.eu/sites/default/files/u4/ESFRI\\_SCRIPTA\\_VOL2\\_web.pdf](http://www.esfri.eu/sites/default/files/u4/ESFRI_SCRIPTA_VOL2_web.pdf). Een betere integratie van onderzoeksinfrastructuren en digitale infrastructuren is essentieel vanwege de groeiende hoeveelheid beschikbare data. Nationale overheden kunnen hun rol hierin vergroten door programma’s te financieren die deze integratie als doelstelling hebben. Verder moeten meer experts getraind worden voor het creëren, managen, analyseren en het toegankelijk maken van grote hoeveelheden digitale data.

#### **Onderzoeksinfrastructuren als *Innovation Hubs***

Onderzoeksinfrastructuren kunnen veel betekenen voor innovatie maar door slechte communicatie en gebrek aan aandacht voor de mogelijkheden, wordt er te weinig gebruik gemaakt van dit potentieel. Daarom moeten Europese en nationale overheden het ontstaan van innovatie-ecosystemen rond onderzoeksinfrastructuren stimuleren. Verder moeten onderzoeksinfrastructuren benut worden bij het ontwikkelen van producten en kunnen bedrijven en onderzoeksinstituten samenwerken in programma’s voor uitwisseling van werknemers en onderzoekers.

#### **Demonstreer maatschappelijke waarde**

Onderzoeksinfrastructuren hebben niet alleen een economische waarde, ze hebben ook een grote regionale invloed en dragen bij aan cohesie en regionale integratie. Verder bevorderen ze de vaardigheden van werknemers, onderzoekers en studenten. Door hun maatschappelijke waarde aan te tonen en naar buiten toe uit te dragen, kunnen zij publieke steun verwerven en financiële duurzaamheid waarborgen. Ook de EU en nationale overheden zouden onderzoeksinfrastructuren constant moeten blijven evalueren en hun maatschappelijke waarde opnemen in een duidelijk strategisch plan.

#### **Context**

Onderzoeksinfrastructuren zijn faciliteiten, middelen en verwante diensten die door de wetenschappelijke gemeenschap worden gebruikt om hoogstaand onderzoek te verrichten, variërend van sociale wetenschappen tot astronomie en nanotechnologie. Het rapport van de ESFRI *ad hoc Working Group on Long-Term Sustainability of Research Infrastructures* is een antwoord op de oproep van de Raad in 2016 om een actieplan op te zetten voor het verbeteren van onderzoeksinfrastructuren. De Commissie publiceerde eerder een actieplan voor het verbeteren van onderzoeksinfrastructuren in Europa. In voorjaar 2018 wordt de ESFRI Roadmap 2018 gepubliceerd.

#### **Meer informatie**

**Publicatie ESFRI** [http://www.esfri.eu/sites/default/files/u4/ESFRI\\_SCRIPTA\\_VOL2\\_web.pdf](http://www.esfri.eu/sites/default/files/u4/ESFRI_SCRIPTA_VOL2_web.pdf): *Long-Term Sustainability of Research Infrastructures*

## ***Territoriale verbindingen moeten Europese kenniseconomie versterken (18 oktober 2017)***

Bron: *Neth-ER Nieuwsbrief week 42*

**Er moeten meer territoriale verbindingen komen om de Europese kenniseconomie te versterken. Dit schrijft ESPON in een rapport over de toekomst van het Europese cohesiebeleid. De verbindingen moeten bijdragen aan het verkleinen van territoriale verschillen en het identificeren van nieuwe technologieën en opkomende markten in Europa.**

#### ***Meer territoriale verbindingen voor een sterkere kenniseconomie***

Er moeten meer territoriale verbindingen komen om kenniseconomieën in Europa te bevorderen, schrijft ESPON in het rapport *Territorial Cooperation for the future of Europe* [https://www.espon.eu/sites/default/files/attachments/ESPON\\_Territorial\\_Review.pdf](https://www.espon.eu/sites/default/files/attachments/ESPON_Territorial_Review.pdf). Zowel uit het rapport van ESPON als uit het vorige week verschenen Zevende Cohesierapport [https://www.espon.eu/sites/default/files/attachments/ESPON\\_Territorial\\_Review.pdf](https://www.espon.eu/sites/default/files/attachments/ESPON_Territorial_Review.pdf) blijkt dat competitieve kenniseconomieën zich vooral in en rond steden in Noordwest-Europa concentreren. Het rapport roept daarom op om sterkere en minder sterke regio's op het gebied van kennis met elkaar te verbinden, bijvoorbeeld door links te leggen tussen kenniseconomieën waar behoefte is aan specifiek geschoolde arbeidskrachten en regio's waar het juiste onderwijs aanwezig is om deze arbeidskrachten op te leiden. In het rapport wordt benadrukt dat kenniseconomieën afhankelijk zijn van voldoende menselijk kapitaal en interacties om uit te kunnen blinken, waarvoor samenwerking noodzakelijk is. Het *Brabant-Stad* netwerk in Noord-Brabant wordt in het rapport als *best practice* genoemd. Daarnaast moeten lokale autoriteiten samenwerken om de toegang van midden- en kleinbedrijven tot (informatie over) kennisinstellingen te vergemakkelijken.

#### ***Focus op territoriale samenwerking in cohesiebeleid***

In de volgende programmaperiode van cohesiebeleid na 2020 is er een sterkere en meer geïntegreerde focus op een aantal actuele thema's voor territoriale samenwerking nodig, aldus het rapport van ESPON. Het gaat daarbij om thema's als hernieuwbare energie, circulaire economie en digitale connectiviteit. Samenwerking tussen regio's kan territoriale verschillen als gevolg van de vierde industriële revolutie verkleinen en ook helpen bij het identificeren van nieuwe technologieën en opkomende markten en bijdragen aan slimme specialisatie in regio's.

#### **Context**

ESPON is een Europees netwerk op het gebied van territoriale samenwerking, dat gelanceerd werd in 2002. Sindsdien dragen zij bij aan onderzoek en kennis gerelateerd aan territoriale dynamieken in Europa. Het rapport maakt gebruik van analyses van territoriale diversiteit en verbindingen tussen plaatsen om beleidslijnen op verschillende bestuursniveaus en voor verschillende territoriale gebieden te illustreren. Het rapport vormt een bijdrage aan het debat over cohesiebeleid na 2020.

#### **Meer informatie:**

**Rapport ESPON:** *Territorial Cooperation for the future of Europe*  
[https://www.espon.eu/sites/default/files/attachments/ESPON\\_Territorial\\_Review.pdf](https://www.espon.eu/sites/default/files/attachments/ESPON_Territorial_Review.pdf)

## National R& D and innovation policy news

### ***Het publieke belang van innovatie dreigt ondergesneeuwd te raken' (17 oktober 2017)***

Bron: *Financieele Dagblad* 17 oktober 2017

**Het innovatiebeleid van Rutte II heeft nauwelijks baanbrekende vindingen opgeleverd voor maatschappelijke problemen, zo concludeerde een evaluatie deze zomer. Het nieuwe kabinet-Rutte III kan dat veranderen, stellen innovatiewetenschapper Marko Hekkert en macro-econoom Eric Bartelsman, twee autoriteiten op het gebied van technologische vooruitgang.**

De eerste stap heeft Rutte III volgens Hekkert, hoogleraar innovatiewetenschappen aan de Universiteit Utrecht, gezet. Zo wil het kabinet de uitstoot van CO<sub>2</sub> in 2030 met 49% verminderen en komt er een klimaatwet als stok achter de deur. Daarnaast gaan de negen topsectoren zich richten op **grote maatschappelijke thema's, zoals de energietransitie en voedsel.**

Om het geld voor innovatie zo effectief mogelijk in te zetten, **moet het kabinet concretere doelen formuleren**, stelt Hekkert. Denk aan specifieke doelen per sector waar veel energie wordt gebruikt. 'Als de overheid de doelen van het innovatiebeleid niet expliciet maakt, dreigt het publieke belang volledig ondergesneeuwd te raken. Je krijgt dan allerlei subsidiepotjes en regelingen die tot veel innovatieprojecten leiden, maar waarvan de impact op grote schaal ontbreekt.'

#### ***Vermijd onzekerheid***

Ook Bartelsman, hoogleraar economie aan de VU, is te spreken over de klimaatambities van Rutte III. 'Hopelijk zet het kabinet het juiste instrument in voor het juiste probleem en worden de maatregelen niet na vier jaar weer afgebouwd. Elke keer op en af creëert onzekerheid en is nog erger dan helemaal geen regelingen.'

De ambities van Rutte III staan haaks op de huidige doelen van het innovatiebeleid, waar Nederland dit jaar bijna €6,4 mrd aan uitgeeft. Het doel om bijvoorbeeld in de top vijf van meest concurrerende landen te komen, is volgens de beide wetenschappers zinloos. Hekkert: **'Lijstjes hebben we niet in de hand. Wat nodig is, is een visie.'**

Waar Bartelsman als macro-econoom vooral kijkt naar de kosten en baten van innovatie, kijkt Hekkert naar de reden waarom innovaties niet tot stand komen. Hekkert: 'Economisten hebben het altijd over marktfalen en dat is treurig. Het is een te beperkt instrumentarium als je daar vanuit gaat.' Bartelsman vindt dat Hekkert economen onderschat. 'Voor economen begint innovatie met een brede basis van zoveel mogelijk goed opgeleide mensen. Maar we kijken ook naar de volgende stappen van prikkels voor R&D.'

#### ***Topje van de ijsberg***

Wie echt resultaten wil behalen met innovatiebeleid, moet andere vragen stellen, benadrukken de twee wetenschappers. Want veel vernieuwende ideeën die door bedrijven en wetenschappers worden bedacht, komen nooit op de markt. Hekkert: 'Innovatie gaat gepaard met enorme verliezen, faillissementen en teleurstellingen. Veel ideeën eindigen in de 'valley of death'. We zien slechts het topje van de ijsberg.'

Tot nu toe richt de overheid zich vooral op het stimuleren van de hoeveelheid R&D. 'Als we maar meer aan R&D doen en onderzoekers en bedrijven laten samenwerken, dan komt het goed', zo vat Hekkert het huidige beleid van het ministerie van Economische Zaken samen.

De overheid kan zich ook richten op het wegnemen van obstakels die nieuwe producten en diensten tegenhouden. Hekkert: 'Als we daar meer grip op krijgen, kunnen we gericht maatregelen nemen en wordt de kennis die er al is beter benut.'

#### ***Zorgflat met robots***

Een simpele manier om de '*vallei des doods*' te overwinnen, is om duidelijke informatie te geven over de toekomstige markt, zegt Bartelsman. Met cijfers over de leeftijdsopbouw kan elke ondernemer bijvoorbeeld uitrekenen hoeveel ouderen in 2035 zorg nodig hebben.

'Het probleem is dat ondernemers nu niet weten hoeveel de overheid in 2035 per persoon aan de inkoop van zorg wil besteden', zegt de econoom. 'Wat als deze informatie wel beschikbaar is? Mensen mogen vervolgens zelf oplossingen verzinnen. Of het nu zorgflats met robots zijn of drijvende schepen op de Caraïben, degene die het scherpst aan de prijs zit, krijgt straks het geld. Zo krijg je de beste ideeën.'

'Als China besluit om in 2026 alleen nog maar elektrische auto's toe te laten om de luchtkwaliteit te verbeteren, dan gaat het hard'• Eric Bartelsman De overheid kan ook strengere eisen stellen. Denk aan auto's die geen CO<sub>2</sub> uitstoten of huizen die energieneutraal zijn. Hekkert: 'Zo ontstaat er een markt voor energiezuinige technologie en breng je een vliegwiel op gang. Door de normen steeds strenger te maken, gaan bedrijven door met innoveren. De eisen die nu bijvoorbeeld aan de energiezuinigheid van gebouwen worden gesteld, hebben meer gedaan voor innovatie dan welke innovatieregeling dan ook.'

### ***Kijk uit voor lobby***

Waar Hekker pleit voor een actieve overheid die richting geeft, waarschuwt Bartelsman voor te veel overheidsbemoediging. 'Het oplossen van maatschappelijke problemen met innovatiebeleid past prima in het economisch denken. Maar een ambtenaar in Den Haag moet niet gaan beslissen welke technologie het beste is om bijvoorbeeld huizen energiezuiniger te maken. Want dan sluit je andere technologieën uit en ben je vatbaar voor lobby van bedrijven uit de topsectoren. Een start-up komt er dan niet meer tussen.'

Ook schaal is een cruciale voorwaarde voor succes. Bartelsman: 'Als China besluit om in 2026 alleen nog maar elektrische auto's toe te laten om de luchtkwaliteit te verbeteren, dan gaat het hard. Maar een stad als Utrecht heeft geen enkele invloed op de productie van auto's wereldwijd.'

Hekker is optimistischer. Want Utrecht mag dan een te kleine markt zijn om elektrisch rijden te stimuleren, andere steden kampen met dezelfde problemen. 'Als je de initiatieven in alle steden bij elkaar optelt, dan kan de overheid de richting van een bestaande industrie veranderen.'

## Global innovation news

## **Wageningen University & Research related Events**



## Events

### ***Infomiddag Nanotechnologies, Advanced Materials, Biotechnology, Advanced Manufacturing and Processing (NMBP), 1 november 2017***

Rijksdienst voor Ondernemend Nederland organiseert op 1 november 2017 een informatiemiddag over het nieuwe werkprogramma Horizon 2020 NMBP 2018-2020.

#### **Concept programma**

14:00-14:30 uur: Inloop en registratie

14:30-15:00 uur: Welkom en Introductie op het Horizon 2020 NMBP werkprogramma

15:30-16:00 uur: Succesverhaal Horizon 2020 NMBP

16.00-16:30 uur: Hoe kan RVO/ National Contact Point u helpen?

16:30:17:00 uur: Q&A/Netwerkmogelijkheid

#### **Deelnemen**

Wilt u deelnemen aan deze infomiddag? Meldt u zich dan aan via het aanmeldformulier <https://www.rvo.nl/infomiddag-nanotechnologies-advanced-materials-biotechnology-advanced-manufacturing-and-processing-wssl> .

Voor meer informatie kunt contact opnemen met [ahmet.polat@rvo.nl](mailto:ahmet.polat@rvo.nl) of [hans.bosch@rvo.nl](mailto:hans.bosch@rvo.nl) .

De deadline voor de aanmelding is 27 oktober 2017. Deelname is gratis.

### ***The 3rd edition of the Public Sector Transformation Conference returns to Brussels on 7 November***

The 3rd edition of the Public Sector Transformation Conference returns to Brussels on 7 November 2017 with a focus on the digitisation of cities and subsequent strengthening of government-citizen relationships. Drawing on case studies from Europe and around the world, the event will examine

high-capacity infrastructure & edge computing capabilities that power smart cities and how new data sources can be opened up, managed and valorised to develop new citizen applications.

**Jyrki Katainen confirmed as keynote speaker:** European Commission Vice-President for Jobs, Growth, Investment and Competitiveness: **"Smart specialisation offers an opportunity for regions to focus on their strengths when it comes to innovation policy"**

Hear the latest update from the European Commission on the vision for a future Europe where cities are smart and sustainable by design.

The leading platform for public sector innovators in Brussels, join us on 7 November for an insight **into smart cities of the future!**

Registration [https://eu-ems.com/register.asp?event\\_id=4339](https://eu-ems.com/register.asp?event_id=4339) is free for public sector representatives - book your place today!

#### **Agenda & key themes**

Case studies, interactive panel debates and plenty of time for networking. Join us to have your say on the following key themes:

1. **Citizen centric services** powered by secure, reliable communication networks
2. Addressing the complexity of **data governance**
3. Building future cities: **Modernising ageing infrastructures** and developing intelligent procurement practices
4. Smart applications for citizens – **best practices from around the world**

The outline agenda is now available on the event website **here** [https://eu-ems.com/agenda.asp?event\\_id=4339&page\\_id=9266&utm\\_campaign=Public+Sector+2017+-+Mailing+3&utm\\_source=emailCampaign&utm\\_medium=email&utm\\_content=](https://eu-ems.com/agenda.asp?event_id=4339&page_id=9266&utm_campaign=Public+Sector+2017+-+Mailing+3&utm_source=emailCampaign&utm_medium=email&utm_content=)

**More information:** [http://events.forum-europe.com/\\_act/link.php?mId=AO9323544385883804024431586372917&tId=786602489](http://events.forum-europe.com/_act/link.php?mId=AO9323544385883804024431586372917&tId=786602489)

### ***Stakeholder Consultation on Food from the Oceans, Brussels 13 November 2017***

The holding of this Stakeholder Consultation on Food from the Oceans on 13 November 2017 in Brussels follows the request to SAM to investigate this topic from the Commissioner for Maritime Affairs and Fisheries, Karmenu Vella, via the Commissioner for Research, Science and Innovation, Carlos Moedas.

It was taken on board by the Scientific Advice Mechanism of the European Commission (SAM) High Level Group (HLG). The scientific evidence project is supported by the Science Advice for Policy European Academies (SAPEA) Consortium financed through the Horizon 2020 grant 737432.

A scoping paper was prepared by DG MARE (lead), DG ENV and DG RTD in September 2016. A final version was approved on 2nd December 2016. The scientific advice in the form of an Opinion Report is planned for delivery by the end of November 2017. After having already consulted scientific experts on 14 September 2017, the HLG will present draft findings and observations to stakeholders and gather reactions, while encouraging a fruitful and informative exchange of views.

#### **Further information**

- Want to know more about the FFO topic: <http://ec.europa.eu/research/sam/index.cfm?pg=oceanfood>

### **Horizon 2020 Societal Challenge 2 Infoweek in Brussels 14-17 November 2017**

**All there is to know about the €1,3bn of new funding opportunities for 2018-2020, the Bioeconomy policy, farm and food digitisation and Blue Growth!**

**We are glad to inform you that registration for the Horizon 2020 Societal challenge 2 Infoweek is now open.**

The Infoweek on Horizon 2020 **Societal Challenge 2** <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/food-security-sustainable-agriculture-and-forestry-marine-maritime-and-inland-water> (SC2) 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy' is jointly organised by the Research Executive Agency (REA), the Directorate-General for Research and Innovation (DG RTD) and the Directorate-General for Agriculture and Rural Development (DG AGRI) of the European Commission. It will take place in **Brussels (Charlemagne) on 14-17 November 2017**. The Societal Challenge 2 **Info Day on Societal challenge 2 calls for 2018 (14/11)** and the related **brokerage event organised by BIOHORIZON (15/11)** will form the first part of the week.

The second part will consist of **three high-level policy events** presenting the latest evolutions in the **broader EU policy context related to Societal challenge 2 activities** and how it relates with activities under Horizon 2020:

- **Bioeconomy policy day (16/11)**
- **Digitising agriculture and food value chains (17/11)**
- **Blue growth and research and innovation (17/11)**

The event will also feature a **Bioeconomy village** highlighting first-class Horizon 2020 projects and initiatives on bioeconomy.

We invite you to **register by 20 October at the latest**, keeping in mind that registration may be closed earlier if all events are fully booked. A single registration system is provided which will allow you to select which sessions you wish to attend.

**More information and registration** <http://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-societal-challenge-2-infoweek-including-high-level-policy-events> .

### **EU Research and Innovation Day at COP23, Bonn 15 November 2017**

**EU Research and Innovation Day at COP23 at 15 November 2017, COP23, Bonn zone, EU pavilion, Room 1**

European Commission's DG Research and Innovation is organising a EU Research and Innovation Day at COP 23. During this day, several issues - such as 1.5 & 2°C strategies, Arctic science contributions to implementing the Paris Agreement or Climate Services for Small Island Developing States and Least Developed Countries - will be discussed. The complete programme is available below.

#### **Further information**

- UNFCCC's COP 23 webpage <http://newsroom.unfccc.int/cop-23-bonn/>

### **8th International Scientific Conference 'RURAL DEVELOPMENT 2017: Bioeconomy Challenges', Kaunas, Lithuania 23-24 November 2017**

**The aim of the 8th International Scientific Conference 'RURAL DEVELOPMENT 2017: Bioeconomy Challenges' is to provide scientific interdisciplinary discussion and to share new ideas for sustainable rural development in the context of Knowledge, Innovations and Social Progress.**

The scope of the Conference covers four main areas: Biosystems Engineering and Environment, Agro-innovations and Food Technologies, Multifunctional Approach for Sustainable Use of Natural Resources, and Social Innovations for Rural Development.

The Conference 'Rural Development' organized biannually since 2003 is attracting to Aleksandras Stulginskis University over 300 scientists from more than 25 countries. All the peer-reviewed conference papers will have been published in open access Proceedings

of the conference (online ISSN 2345-0916, print ISSN 1822-3230). Proceedings of International Scientific Conference “Rural Development” are published periodically every two years since 2003 and indexed by Thomson Reuters (Web of Science), EBSCO (Academic Search Complete).

**More information and registration:** <http://www.ruraldevelopment.lt/>

### **4th International Conference of JPI HDHL, Brussels 1 December 2017**

**The fourth international conference of the Joint Programming Initiative “A Healthy Diet for a Healthy Life” (JPI HDHL) will take place on Friday 1 December 2017 in Brussels, Belgium.**

The conference will bring together and stimulate the dialogue between stakeholders in the area of food, nutrition and health, including policy makers, funders, scientists, health care professionals, industry and NGO's. During the conference, an overview of the achievements and future objectives of the JPI HDHL, including the running Joint Actions, will be presented.

To work towards more societal impact of nutritional science will be the main theme of the 4th JPI HDHL conference. The target audience is broad and includes not only funders and scientists, but also policy makers of health & agriculture, industry and health professionals. Communication is of high importance to increase the impact of nutritional science. Understanding the perspectives and needs of other stakeholders is a key aspect of good communication.

#### **Further information**

- **Registration until 17 November 2017** <https://jpi-hdhl-conference.b2match.io/signup> <https://jpi-hdhl-conference.b2match.io/signup>
- **JPI HDHL – webpage** <http://www.healthydietforhealthylife.eu/>
- **Agenda of the Conference** <https://jpi-hdhl-conference.b2match.io/agenda>
- **For the report of the last JPI HDHL conference that took place on 19 June 2015**, please go to the JPI HDHL website <http://www.healthydietforhealthylife.eu/index.php/hdhl-documents-2/meeting-event-documentation/third-international-conference-jpi-hdhl-19th-of-june-2015-brussels> .

### **NEW: BioTech Research & Innovation Hack 2017 - 5-6 December 2017**

**The registration for the ERA CoBioTech status seminar and exchange day is now open!**

*Venue: The International Auditorium (conference room “Auditorium”), International Trade Union House, Boulevard du Roi Albert II, No. 5 / 2 , B-1210 Brussels*

The BioTech Research & Innovation Hack 2017 is status seminar and exchange day of projects funded within ERA-IB-2, ERASysAPP, ERA SynBio and ERA-NET Bioenergy and will bring together 53 research projects and stakeholders from academia and industry, funding organizations, decision makers and general public. This event will provide an opportunity to discuss the achievement of the transnational ERA-NET projects, to network with excellent professionals in the area of industrial biotechnology, systems and synthetic biology etc. and to spark novel interdisciplinary research collaborations!

The participation at this event is free of charge but registration is required!

See below the preliminary meeting agenda and follow the link below to register!

**Register here!** <https://docs.google.com/forms/d/e/1FAIpQLSe6H4HYQEv3rAhx072FPFLLJO0jgtXxQ4DeVbIRiosme89uUQ/viewform>

**Agenda BioTech Research & Innovation Hack 2017**

[https://www.cobiotech.eu/lw\\_resource/datapool/systemfiles/agent/events/5B7156010D861C5AE0539A695E864399/live/document/Draft\\_Agenda\\_BioTech\\_RI\\_Hack\\_101017.pdf](https://www.cobiotech.eu/lw_resource/datapool/systemfiles/agent/events/5B7156010D861C5AE0539A695E864399/live/document/Draft_Agenda_BioTech_RI_Hack_101017.pdf)

### **Bio-based Industries Joint Undertaking (BBI JU) Stakeholder Forum 201, The Square – Brussels 7 December 2017**

**The Bio-based Industries Joint Undertaking (BBI JU) is organizing its first Stakeholder Forum, in The Square, Brussels, on 7 December 2017.**

The BBI JU Stakeholder Forum 2017 will bring together the bio-based industries community and facilitate discussion on the strategic direction for the BBI JU programme through constructive and open dialogue with stakeholders by encouraging cross-collaboration between them.

#### **THE PROGRAMME**

BBI JU will present a comprehensive programme of inspiring keynotes, parallel sessions, networking sessions and project exhibition. By bringing projects together in one venue with other BBI JU stakeholders, it will facilitate an exchange of ideas & best practises.

#### **WHY**

The BBI JU Stakeholder Forum 2017 will gather together stakeholders from across every aspect of the bio-based economy to discuss how the BBI JU programme can further contribute to the development of bio-based industries across Europe. Our stakeholders are high-level decision makers and policy influencers, drawn from academia, C-level executives from across industry, EU government and local and national interests, among others. We will discuss how to best mobilise society at large to speed up the transformation to a bio-based economy.

#### **WHO**

We welcome industry, SMEs, academia, research organisations and policy makers, thought leaders, EU community, projects' members and bio-based industries community as a whole.

More information available here <https://www.bbi-europe.eu/events/bbi-ju-stakeholder-forum-brussels> .

## **Info Day, Horizon 2020 – 'Health, demographic change and wellbeing', Brussels 8 December 2017**

**Info Day, Horizon 2020 – 'Health, demographic change and wellbeing' 8 December 2017, Brussels (Charlemagne building), Belgium**

With the principle of *better health for all* at its core, Horizon 2020's Societal Challenge 1 (Health, demographic change and wellbeing) focuses on personalised health and care, infectious diseases and improving global health, innovative and sustainable health systems, decoding the role of the environment (including climate change) for health and well-being, digital transformation and cybersecurity in health and care.

Horizon 2020' Societal Challenge 1 Work Programme 2018-2020 will be expected to offer calls for proposals with an overall budget of about €2 billion. Draft programme and registrations to follow at the end of September.

Related to the Health Open Info Day, the Directorate-General for Research & Innovation supports the following two events which will be organised on **7 December 2017** in Brussels:

#### **Satellite event on Innovation Procurement in health care**

- limited to 80 participants - *First come, first served basis*

**Partnering Event** organised by the EU-funded project Health-NCP-Net 2.0

- the event aims at helping you find the right project partners for the upcoming 2018 health calls

#### **Further information**

- Satellite event – Registration <https://ec.europa.eu/eusurvey/runner/InnoProcRegistration>
- Partnering Event - Programme and registration <https://www.b2match.eu/healthBE2017>

#### **Related documentation**

- Satellite event - Draft agenda [https://europa.eu/sinapse/webservices/dsp\\_export\\_attachement.cfm?CMTY\\_ID=0C46BEEC-C689-9F80-54C7DD45358D29FB&OBJECT\\_ID=60956678-FA2F-4FE0-77E88D89843C91BE&DOC\\_ID=61909DC9-B940-976C-0808B474C2C46A4A&type=CMTY\\_CAL](https://europa.eu/sinapse/webservices/dsp_export_attachement.cfm?CMTY_ID=0C46BEEC-C689-9F80-54C7DD45358D29FB&OBJECT_ID=60956678-FA2F-4FE0-77E88D89843C91BE&DOC_ID=61909DC9-B940-976C-0808B474C2C46A4A&type=CMTY_CAL)

## **6<sup>th</sup> Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers, Cologne 15-16-March 2018**

**15 - 16 March 2018, Maternushaus, Cologne, Germany. Meet leading international experts at one of the leading events on Carbon Capture and Utilization (CCU) in the world!**

#### **One of the leading events on Carbon Capture and Utilization (CCU) of the world**

Big visions – and also real potential! The usage of carbon dioxide, among experts referred to as Carbon Capture & Utilization (CCU), is gaining momentum. First commercial production of CO<sub>2</sub>-based polymers has been launched, several additional technologies have progressed so far to allow production on an industrial scale in the near future – with advanced biotechnology and chemical catalysis. At the same time are renewable energy from solar, wind and hydro becoming cheaper each year and the latest plants at favourable locations are already at the same price level as fossil energy sources and even below. A perfect situation for combining cheap and abundant renewables with carbon utilization to store energy, to produce renewable fuels and chemicals.

**Renewable energy and CCU will reshape the energy system of the future and the chemical industry, too. Join the revolution, visit the conference, meet the leading entrepreneurs of the new industry.**

Leading players will showcase enhanced and new applications using CO<sub>2</sub> as feedstock. The conference will have four main themes; Policy & Visions, Artificial Photosynthesis & H<sub>2</sub> Generation, Chemicals & Polymers and CO<sub>2</sub>-based Fuels and features a mix of keynote, oral and poster presentations.

For the sixth time, nova-Institute is organizing one of the leading events on CCU in the world: "6<sup>th</sup> Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers", 15 - 16 March 2018, Maternushaus, Cologne, Germany.

### **Our participants**

The conference is aimed at providing international major players from the field of sustainable fuels, chemicals and polymers from CO<sub>2</sub> with an opportunity to present and discuss their latest developments and strategies.

The participants include interested experts from industry, associations, policy and civil society who wish to get a full picture of how this new and exciting scenario is unfolding. The conference provides an opportunity to meet the right partners for future alliances.

### **Organiser**

The nova-Institute was founded as a private and independent institute in 1994. It is located in the Chemical Park Knapsack in Huerth, which lies at the heart of the chemical industry around Cologne (Germany). For the last two decades, nova-Institute has been globally active in feedstock supply, techno-economic and environmental evaluation, market research, dissemination, project management and policy for a sustainable bio-based economy.

For more information: <http://co2-chemistry.eu/>

## **Global Bioeconomy Summit 2018, Berlin 19-20 April 2017**

*The German Bioeconomy Council will organise a second Global Bioeconomy Summit, which will take place in Berlin on 19-20 April 2018.*

At the first Global Bioeconomy Summit, held in Berlin in 2015, more than 700 participants from 80 countries met to define how bioeconomy would best contribute to green growth, the sustainable development goals and to climate change mitigation and adaptation. The communiqué of the Global Bioeconomy Summit 2015, which was developed by an International Advisory Committee and tabled at the summit, was highly appreciated and made the summit a widely recognised global event.

At the Global Bioeconomy Summit 2018 appropriate strategies for further international cooperation will be considered. Detailed information about opportunities for participation will be shared in due course, and registration will open soon.

For more information about the Global Bioeconomy Summit 2018, please go to the GBS2018 website <https://gbs2018.com/home/> The communiqué, the full report and further documentation of the Global Bioeconomy Summit 2015 can be downloaded from the GBS2015 website <http://gbs2015.com/documentation/>.

## **NEW: The 26th European Biomass Conference and Exhibition will take place in Copenhagen from 14 to 18 May 2018**

**The 26th European Biomass Conference and Exhibition <http://www.eubce.com/home.html> will take place in Copenhagen from 14 to 18 May 2018. As a world leader and fore-runner within the bioenergy and renewable energy sectors, Denmark represents the ideal setting to host the EUBCE 2018 Conference and Exhibition.**

Renewable energy constitutes 23% of the Danish energy production and 28.6% of the Danish energy consumption, according to the Energy Agency's Energy Statistics 2015. **Bioenergy is by far the largest contributor of renewable energy, with 60% of the production and 69% of the consumption.** The large share of bioenergy is mainly caused of conversion of CHP plants from formerly coal to now biomass, particularly imported wood pellets.

### **Biomass is one of Denmark's main renewable energy sources for generating power and heat by combustion and gasification.**

Denmark has an impressive history of turning waste and secondary agricultural biomass into valuable energy <http://eoack.com/M2S69syex5/>, using most of it for combined district heating and electrical power generation or for upgraded biogas for the natural gas grid. Danish research is also at the forefront of bioenergy with several competitive second generation biofuel production technologies for both bioethanol and biodiesel.

The Danish government has made biogas a cornerstone in the country's new energy strategy, which targets Denmark to be fossil free by 2050

[http://www.investindk.com/~media/Files/Sheets/Cleantech/A%20World%20Leader%20in%20Green%20gas.ashx?utm\\_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm\\_medium=email&utm\\_source=EOACK](http://www.investindk.com/~media/Files/Sheets/Cleantech/A%20World%20Leader%20in%20Green%20gas.ashx?utm_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm_medium=email&utm_source=EOACK). The specific biogas goal is to use half the country's slurry to produce biogas which means a tenfold increase of the current situation. To achieve this target, a series of measures will be introduced, i.e. grants to build new plants and higher feed-in tariffs to new biogas applications: upgrade of biogas and its use in transportation.

Read more: <http://eoack.com/kHdW4S9dQX/>

### **Submit your abstracts by 6th November 2017**

Within its programme, the EUBCE is responding to all the latest developments in modern energy technologies on biofuels, biogas and power and heat generation by combustion and gasification.

The subtopics focusing on these subjects are included in **Topics 1, 2 and 3** [http://www.eubce.com/conference/call-for-papers/conference-topics.html?utm\\_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm\\_medium=email&utm\\_source=EOACLK](http://www.eubce.com/conference/call-for-papers/conference-topics.html?utm_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm_medium=email&utm_source=EOACLK) .

Contribute to the EUBCE 2018 Conference Programme **by submitting your abstracts** by 6 November 2017 and be part of the world's leading specialist biomass conference [http://www.eubce.com/conference/call-for-papers.html?utm\\_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm\\_medium=email&utm\\_source=EOACLK](http://www.eubce.com/conference/call-for-papers.html?utm_campaign=EUBCE%202018%20-%204th%20HTML%20Newsletter&utm_medium=email&utm_source=EOACLK)

### **3rd Plant Biology Europe conference, which takes place in Copenhagen, from 18 – 21 June 2018**

**You are invited for the 3rd Plant Biology Europe conference, which takes place June 18th- 21st, 2018 in Copenhagen, Denmark. Plant Biology Europe (PBE) is jointly organized by the European Plant Science Organisation (EPSO) and the Federation of European Societies of Plant Biology (FESPB) with the aim to create a European venue for the latest developments within plant biology research and technology.**

Almost 1000 participants attended the PBE2016 conference in Prague and once again, PBE will gather a diverse range of speakers, presentations and technology providers that cover wide ranging scientific and policy related themes within plant science - thereby showcasing state-of-the-art scientific developments and contributions to policy shaping towards plants science at the European and national levels.

The conference is the biggest of its kind in Europe and the only one with a multidisciplinary approach to plant science in a global context.

**The plenary themes of PBE2018 are:**

- *Phenotyping on different scale*
- *Photosynthetic diversity/resource use efficiency*
- *New Breeding Technologies*
- *Seeds for the future*
- *Niche crops*
- *Plant Microbiome*
- *Natural Products*
- *Environmental resilience*
- *Genome evolution*
- *Science policy session focusing on 'Open Science'*

See the full scientific program and the confirmed speakers <http://tk3.sbn24.net/sy/ev?3&11405-36&3&QySSurEd5pk8DVnl2Eyj0w>

Do you want to contribute to the conference? **Deadline for abstract submission is March the 1st 2018.**

<http://tk3.sbn24.net/sy/ev?3&11405-36&4&QySSurEd5pk8DVnl2Eyj0w>

Please visit our website **to learn more about how to sign up; the scientific as well as the social program and the location**

<http://tk3.sbn24.net/sy/ev?3&11405-36&2&QySSurEd5pk8DVnl2Eyj0w> .

### **NEW: XXX. INTERNATIONAL HORTICULTURAL CONGRESS, ISTANBUL, 12 - 16 AUGUST 2018**

During the 30<sup>th</sup> International Horticultural Congress (IHC2018) to be held in Istanbul, Turkey between 12 and 16, August 2018, workshops will be organized after the symposia sessions. Workshops are proposed by the conveners with various objectives as:

- establishing an international expert group,
- sharing experiences and skills,
- carrying out in depth discussions on a specific topic,
- extending the network and/or
- seeking cooperation opportunities

The format of each Workshop may be different based upon the initial objective. You can register to any workshop that may be of interest to you. The output of the workshop(s) may be compiled but will not lead to a Congress proceeding, '*Acta Horticulturae*'. A workshop, if linked to a specific symposium, will be scheduled to allow participation to both activities. However, a workshop may be completely independent from any IHC2018 symposium.

**The general rules for IHC 2018 registration also apply for the workshops.**

More information about congress: <http://www.ihc2018.org/en/default.asp>

More information about workshops: <http://www.ihc2018.org/en/WORKSHOPS.html>

I would like to attract your attention to the **EMPHASIS/EPPN2020 organized Plant Phenotyping Workshop at the International Horticultural Conference in Istanbul, 12-16<sup>th</sup> of August 2018.**

That will give us the opportunity for a close interaction and discussion with the experts from horticulture:  
<http://www.ihc2018.org/en/WORKSHOPS.html>

The abstract submission deadline is: **31 October 2017.**

**Additionally, there will be an interesting session that deals with phenotyping in a horticultural context:**

<http://www.ihc2018.org/en/S31.html>

## **Courses and Workshops**

*Foreseen Courses EU office in 2017*

*Overzicht trainingen Team IRIS / RVO 2017*

*Overzicht trainingen ITIS / RVO*

Op deze website <https://www.rvo.nl/subsidies-regelingen/horizon-2020/agenda> vind je een overzicht van de trainingen die worden gegeven door RVO.



## Call deadlines

### HORIZON 2020 calls

Overview of most important HORIZON deadlines for calls 2016 and 2017; based on information per 25 October 2017 for more details go to the participants portal <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

Call identifier	Dead line
<b>Pillar I Excellent Science</b>	
<b>ERC</b>	
<a href="#">ERC-2018-STG</a>	<b>17 October 2017</b> at 17.00hr Brussels local time ( <i>ERC Starting Grant StG-2018</i> )
<a href="#">ERC-2018-COG</a>	<b>15 February 2018</b> ( <i>ERC Consolidator Grant CoG-2018</i> )
<a href="#">ERC-2017-ADG</a>	<b>30 August 2018</b> at 17.00hr Brussels local time ( <i>ERC Advanced Grant AdG-2018</i> )
<a href="#">ERC-2018-SyG</a>	<b>14 November 2017</b> at 17.00hr Brussels local time ( <i>ERC Synergy Grant SyG-2018</i> )
<a href="#">ERC-2018-POC</a>	<b>16 January 2018 18, April 2018 and 11 September 2018</b> ( <i>ERC Proof of Concept Grant PoC-2018</i> )
<b>FET</b>	
<b>Research infrastructures</b>	
<b>Marie Skłodowska-Curie</b>	
<a href="#">H2020-MSCA-COFUND-2017</a>	<b>28 September 2017</b> at 17.00hr Brussels local <b>time</b> ( <i>CALL: MARIE SKŁODOWSKA-CURIE CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES</i> Call identifier: H2020-MSCA-COFUND-2017)
<a href="#">H2020-MSCA-ITN-2018</a>	<b>16 January 2018</b> ( <i>Marie Skłodowska-Curie Innovative Training Networks MSCA-ITN-2018</i> )
MSCA-IF-2018	<b>Foreseen opening 12 April 2018 foreseen deadline 12 September 2018</b> ( <i>Marie Skłodowska-Curie Marie Skłodowska-Curie Individual Fellowships MSCA-IF-2018</i> )
MSCA-RISE-2018	<b>Foreseen opening 7 December 2017 foreseen deadline 18 April 2018</b> ( <i>Marie Skłodowska-Curie Research and Innovation Staff Exchange H2020-MSCA-RISE-2018</i> )
MSCA-COFUND-2018	<b>Foreseen opening 12 April 2018 foreseen deadline 27 September 2018</b> ( <i>Marie Skłodowska-Curie Co-funding of regional, national and international programmes H2020-MSCA-COFUND-2018</i> )
MSCA-NIGHT-2018	<b>Foreseen opening 7 November 2017 foreseen deadline 13 February 2018</b> ( <i>European Researchers' Night H2020-MSCA-NIGHT-2019</i> )
MSCA-ITN-2019	<b>Foreseen opening 13 September 2018 foreseen deadline 10 January 2019</b> ( <i>Marie Skłodowska-Curie Innovative Training Networks MSCA-ITN-2019</i> )
MSCA-IF-2019	<b>Foreseen opening 11 April 2019 foreseen deadline 11 September 2019</b> ( <i>Marie Skłodowska-Curie Marie Skłodowska-Curie Individual Fellowships MSCA-IF-2018</i> )

MSCA-RISE-2019	<b>Foreseen opening 4 December 2018 foreseen deadline 3 April 2019</b> ( <i>Marie Skłodowska-Curie Research and Innovation Staff Exchange H2020-MSCA-RISE-2019</i> )
MSCA-COFUND-2019	<b>Foreseen opening 4 April 2019 foreseen deadline 26 September 2019</b> ( <i>Marie Skłodowska-Curie Co-funding of regional, national and international programmes H2020-MSCA-COFUND-2019</i> )
<b>Pillar II Industrial leadership</b>	
<b>LEIT NMBP</b>	
<b>PPP</b>	
<b>LEIT ICT</b>	
<b>LEIT SPACE Earth Observation</b>	
<b>HORIZON 2020 DEDICATED SME INSTRUMENT</b>	
<b>Horizon2020 Prices</b>	
<b>Pillar III Societal Challenges</b>	
<b>Societal challenge 1 HEALTH</b>	
<b>SC1-BHC-15-2018 (RIA) two-stage</b>	<b>Foreseen opening 6 November 2017 foreseen deadline first stage 6 February 2018 foreseen deadline Second stage 4 September 2018</b>
<b>SC1-BHC-2018 en SC1-HCO Single stage</b>	<b>Foreseen opening 6 November 2017 foreseen deadline 10 April 2018</b>
<b>SC1-BHC-2019 (RIA) two-stage</b>	<b>Foreseen opening 2 July 2018 foreseen deadline first stage 2 October 2018 foreseen deadline Second stage 9 April 2019</b>
<b>SC1-BHC-2019 en SC1-HCO Single stage</b>	<b>Foreseen opening 2 July 2018 foreseen deadline 9 April 2019</b>
<b>Societal Challenge 2 FOOD</b>	
H2020-SFS-2018-2020 call 2018 single-stage	<b>Foreseen opening 27 October 2017 foreseen deadline 13 February 2018</b>
H2020-SFS-2018-2020 call 2018 two-stage	<b>Foreseen opening 27 October 2017 foreseen deadline first stage 13 February 2018 foreseen deadline Second stage 11 September 2018</b>
H2020-SFS-2018-2020 call 2019 single-stage	<b>Foreseen opening 25 October 2018 foreseen deadline 23 January 2019</b>
H2020-SFS-2018-2020 call 2019 two-stage	<b>Foreseen opening 25 October 2018 foreseen deadline first stage 23 January 2019 foreseen deadline Second stage 4 September 2019</b>
H2020-BG-2018-2020 call 2018 single-stage	<b>Foreseen opening 27 October 2017 foreseen deadline 13 February 2018</b>
H2020-BG-2018-2020 call 2018 single-stage	<b>Foreseen opening 27 October 2017 foreseen deadline first stage 13 February 2018 foreseen deadline Second stage 11 September 2018</b>
H2020-BG-2018-2020 call 2019 single-stage	<b>Foreseen opening 25 October 2018 foreseen deadline 23 January 2019</b>
H2020-BG-2018-2020 call 2019 two-stage	<b>Foreseen opening 25 October 2018 foreseen deadline first stage 23 January 2019 foreseen deadline Second stage 4 September 2019</b>
H2020-RUR-2018-2020 call 2018 single-stage	<b>Foreseen opening 27 October 2017 foreseen deadline 13 February 2018</b>
H2020-RUR-2018-2020 call 2018 two-stage	<b>Foreseen opening 27 October 2017 foreseen deadline first stage 13 February 2018 foreseen deadline Second stage 11 September 2018</b>
H2020-RUR-2018-2020 call 2019 single-stage	<b>Foreseen opening 25 October 2018 foreseen deadline 23 January 2019</b>
H2020-RUR-2018-2020 call 2019 two-stage	<b>Foreseen opening 25 October 2018 foreseen deadline first stage 23 January 2019 foreseen deadline Second stage 4 September 2019</b>
<b>Societal Challenge 3 Energy</b>	
H2020-LC-SC3-RES-2018 one-stage RES-4, RES-11	<b>Foreseen opening 31 October 2017 foreseen deadline 23 August 2018</b>
H2020-LC-SC3-RES-2018 two-stage RES-12, RES-13, RES-21, RES-28, RES-5, RES-6	<b>Foreseen opening 31 October 2017 foreseen deadline first stage 31 January 2018 foreseen deadline Second stage 31 August 2018</b>

H2020-LC-SC3-2018-2020 ES-3, ES-4, ES-5, ES-7, RES-22, SCC-1	Foreseen opening 5 December 2017 foreseen deadline 5 April 2018
H2020-LC-SC3-2018 CC-4, RES-2	Foreseen opening 5 December 2017 foreseen deadline 19 April 2018
H2020-LC-SC3-2018-2020 EC-1, EC-2, EE-1, EE-10, EE-11, EE-13, EE-14, EE-14, EE-16, EE-2, EE-5, EE-6, EE-8, EE-9	Foreseen opening 25 January 2018 foreseen deadline 4 September 2018
H2020-LC-SC3-2018 JA-1, JA-2	Foreseen opening 3 May 2018 foreseen deadline 11 September 2018
H2020-LC-SC3-2018 NZE-2, CC-1, CC-2, CC-5, CC-6, NZE-1, NZE-3	Foreseen opening 3 May 2018 foreseen deadline 6 September 2018
<b>Societal Challenge 4 TRANSPORT</b>	
<b>Societal Challenge 5 ENVIRONMENT</b>	
H2020-CLA-SC5-2018 two stage	Foreseen opening 7 November 2017 foreseen deadline <u>first stage</u> 27 February 2018 foreseen deadline <u>Second-stage</u> 4 September 2018
H2020-CE-SC5-2018 / SC5-2018 single stage	Foreseen opening 7 November 2017 foreseen deadline 27 February 2018
H2020-CE-SC5-2018 / SC5-2018 two-stage	Foreseen opening 7 November 2017 foreseen deadline <u>first stage</u> 27 February 2018 foreseen deadline <u>Second-stage</u> 4 September 2018
H2020-CLA-SC5-2019 two stage	Foreseen opening 14 November 2018 foreseen deadline <u>first stage</u> 19 February 2019 foreseen deadline <u>Second-stage</u> 4 September 2019
H2020-CLA-07-SC5-2019 single stage	Foreseen opening 14 November 2018 foreseen deadline 19 February 2019
H2020- CE-SC5-2019 / SC5-2019 single stage	Foreseen opening 14 November 2018 foreseen deadline 19 February 2019
H2020- CE-SC5-2019 / SC5-2019 two-stage	Foreseen opening 14 November 2018 foreseen deadline <u>first stage</u> 19 February 2019 foreseen deadline <u>Second-stage</u> 4 September 2019
<b>Societal Challenge 6 SOCIETY</b>	
<b>Science with and for Society</b>	
<b>Cross-cutting activities (Focus Areas)</b>	
<b>Widening participation / WIDESPREAD</b>	
H2020-WIDESPREAD-2016-2017	15 November 2017 at 17.00 hr Brussels local time ( <i>Twinning Topic identifier: WIDESPREAD-05-2017</i> )

### Other related EC calls (JTI, ERA-COFUNDS, JPI's etc.)

Overview of deadlines of most important public-public and public-private EC calls related to Horizon2020 based on information per 25 October 2017 for more details; go to participants portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

Call identifier	Dead line
<b>ERA-NET / ERANET-COFUND</b>	
ERA-NET COFUND LEAP-AGRI <a href="http://www.leap-agri.com/">http://www.leap-agri.com/</a>	Call for Preliminary Proposals African European collaborative research on Sustainable Agriculture and Aquaculture and on Food and Nutrition Security Deadline   Thursday, 15 June 2017, 14:00 CEST ( <b>CLOSED</b> ) and Mid-Dec 2017 (full proposals) <a href="http://www.leap-agri.com/index.php/2014-10-27-15-56-42/pre-proposal-submission">http://www.leap-agri.com/index.php/2014-10-27-15-56-42/pre-proposal-submission</a>
ERA-NET BiodivERsA and Belmonte joint call 'Scenarios of biodiversity	The <b>Belmont Forum and BiodivERsA</b> will launch a joint call on 'Scenarios of biodiversity and ecosystem services'. Foreseen opening in <u>October 2017</u> , foreseen

and ecosystem services'. <a href="http://www.biodiversa.org/">http://www.biodiversa.org/</a> and <a href="https://www.belmontforum.org/">https://www.belmontforum.org/</a>	closing date closing date in <b>March 2018</b> . Foreseen deadline submission for pre-registration in <b>December 2017</b> . <a href="http://www.biodiversa.org/1224">http://www.biodiversa.org/1224</a> and <a href="https://www.belmontforum.org/">https://www.belmontforum.org/</a>
ERA-NET Bioenergy and ERA-NET COFUND Bioenergy Sustaining the Future (BESTF3) <a href="http://www.eranetbioenergy.net/jointcall12?menu_builder_edit_mode=on">http://www.eranetbioenergy.net/jointcall12?menu_builder_edit_mode=on</a>	<b>12th Joint Call</b> for Research and Development Proposals of the <b>ERA-NET Bioenergy</b> and <b>2<sup>nd</sup> additional Joint Call</b> for Research and Development Proposals of the <b>ERA-NET COFUND Bioenergy Sustaining the Future (BESTF3)</b> Deadline for submission of pre-proposals: 16.01.2018, 13:00 CET Deadline for submitting full proposals 05 June 2018, 13:00 CEST
Joint Technology Initiatives	
Joint Programming Initiatives	
<b>Overview websites running Joint Programming Initiatives</b>	<ul style="list-style-type: none"> <li>• <b>A healthy diet for a healthy life (HDHL):</b> <a href="http://www.healthydietforhealthylife.eu/">http://www.healthydietforhealthylife.eu/</a></li> <li>• <b>Agriculture, food security and climate change (FACCE):</b> <a href="http://www.faccejpi.com/">http://www.faccejpi.com/</a></li> <li>• <b>Antimicrobial Resistance- The Microbial Challenge - An Emerging Threat to Human Health (JPI AMR):</b> <a href="http://www.jpiamr.eu/">http://www.jpiamr.eu/</a></li> <li>• <b>Connecting Climate Knowledge for Europe (Clik'EU):</b> <a href="http://www.jpi-climate.eu/home">http://www.jpi-climate.eu/home</a></li> <li>• <b>Healthy and Productive Seas and Oceans (JPI-Oceans):</b> <a href="http://www.jpi-oceans.eu/">http://www.jpi-oceans.eu/</a></li> <li>• <b>More Years, Better Lives - The Potential and Challenges of Demographic Change (JPI MYBL):</b> <a href="http://www.jp-demographic.eu/">http://www.jp-demographic.eu/</a></li> <li>• <b>Neurodegenerative Disease/Alzheimer's (JPND):</b> <a href="http://www.neurodegenerationresearch.eu/">http://www.neurodegenerationresearch.eu/</a></li> <li>• <b>Urban Europe - Global Urban Challenges, Joint European Solutions (Urban Europe):</b> <a href="http://jpi-urbaneurope.eu/">http://jpi-urbaneurope.eu/</a></li> <li>• <b>Water challenges for a changing world (Water-JPI):</b> <a href="http://www.waterjpi.eu/">http://www.waterjpi.eu/</a></li> <li>• <b>Cultural Heritage a Challenge for Europe (Cultural Heritage):</b> <a href="http://www.jpi-culturalheritage.eu/">http://www.jpi-culturalheritage.eu/</a></li> </ul>
JPI-FACCE SURPLUS second call <a href="http://faccsurplus.org/">http://faccsurplus.org/</a>	FACCE SURPLUS announces the launch of a second call for transnational research projects on "Small scale Biorefineries". The deadline <b>for the submission of pre-proposals</b> is <b>March 7, 2017 (CLOSED)</b> <a href="http://faccsurplus.org/">http://faccsurplus.org/</a>
JPI OCEANS Joint Call Impacts of Deep-Sea Nodule Mining <a href="http://www.jpi-oceans.eu/">http://www.jpi-oceans.eu/</a>	<b>Joint Call Impacts of Deep-Sea Nodule Mining</b> <a href="http://www.jpi-oceans.eu/news-events/news/joint-call-pre-announcement-impacts-deep-sea-nodule-mining">http://www.jpi-oceans.eu/news-events/news/joint-call-pre-announcement-impacts-deep-sea-nodule-mining</a> The deadline <b>for the submission of pre-proposals</b> is <b>1 November, 2017 12:00 CEST</b> . <a href="https://epss-jpi-oceans.ptj.de/lw_resource/datapool/_items/item_168/annex_1_call_for_proposals.pdf">https://epss-jpi-oceans.ptj.de/lw_resource/datapool/_items/item_168/annex_1_call_for_proposals.pdf</a>
European Innovation Partnerships	

## Other international calls

This list is a SELECTION of other international calls. The list was compiled on **25 October 2017**. Calls marked with **NEW** are newly included in the list

Deadline	Call
27-10-2017	Deadline for <b>first stage proposals</b> for the <b>2 Seas 5th call for proposals</b> . Application from 1 August until 27 October 2017. <a href="http://www.interreg2seas.eu/en/content/call-proposals">http://www.interreg2seas.eu/en/content/call-proposals</a>
02-05-2018	Deadline <b>for step 2 proposals</b> for the <b>2 Seas 5th call for proposals</b> . Step 2 will be open 2 February 2018 until 2 May 2018. <a href="http://www.interreg2seas.eu/en/news/call-4-open-1-december">http://www.interreg2seas.eu/en/news/call-4-open-1-december</a>
02-05-2018	Deadline for <b>step-1 proposals</b> for the <b>Interreg 2 Seas 6<sup>th</sup> call for proposals</b> Step 1 of call 6 will open on 01 February 2018 and close on 02 May 2018. <a href="http://www.interreg2seas.eu/en/content/call-proposals">http://www.interreg2seas.eu/en/content/call-proposals</a>
March 2018	Foreseen deadline for <b>full applications</b> for the <b>5<sup>th</sup> call of Interreg Northsea</b> . Call 5 will be open for full applications from January 2018 to March 2018. Only approved expressions of interests will be invited to submit an application <a href="http://www.northsearegion.eu/about-the-programme/programme-news/timeline-for-future-calls/">http://www.northsearegion.eu/about-the-programme/programme-news/timeline-for-future-calls/</a>
06-11-2018	Deadline for <b>step-2 proposals</b> for the <b>Interreg 2 Seas 6<sup>th</sup> call for proposals</b> Step 2 will open the on 08 August 2018 and close on 06 November 2018. <a href="http://www.interreg2seas.eu/en/content/call-proposals">http://www.interreg2seas.eu/en/content/call-proposals</a>

## National calls

This list is a selection of open national calls. The list was compiled on **25 October 2017**. Calls marked with **NEW** are newly included in the list

Deadline	Call
02-11-2017	Sluiting <b>fase 1 NWO-TTW Perspectiefronde 2017-2018</b> indienen van een programma-initiatief (fase 1) is verplicht. Indienen kan tot en met 2 november 2017 (14.00 uur) <a href="http://www.stw.nl/nl/perspectief">http://www.stw.nl/nl/perspectief</a>
14-11-2017	Sluiting <b>oproep Impuls voor zelforganiserende logistiek (TKI Dinalog via NWO financiering)</b> De deadline voor het indienen van aanvragen is 14 november 2017, om 14:00 uur CE(S)T. <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/sgw/impuls-voor-zelforganiserende-logistiek/impuls-voor-zelforganiserende-logistiek.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/sgw/impuls-voor-zelforganiserende-logistiek/impuls-voor-zelforganiserende-logistiek.html</a>
30-11-2017	Sluiting <b>Subsidieoproep Rubicon 2017-3</b> U kunt tot 30 november 2017, 14.00 uur uw aanvraag indienen via ProjectNet <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/rubicon/rubicon---zorgonderzoek-en-medische-wetenschappen/rubicon---zorgonderzoek-en-medische-wetenschappen.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/rubicon/rubicon---zorgonderzoek-en-medische-wetenschappen/rubicon---zorgonderzoek-en-medische-wetenschappen.html</a>
07-12-2017	Sluiting <b>fase 2 NWO-TTW Perspectiefronde 2017-2018</b> De deadline voor fase 2 programma ontwerp is 7 december 2017 (14.00 uur). <a href="http://www.stw.nl/nl/perspectief">http://www.stw.nl/nl/perspectief</a>
09-01-2018	Sluiting indiening <b>uitgewerkte voorstellen NWO Vrije competitie geesteswetenschappen, ronde 2017</b> Aanvragers van geselecteerde vooraanmeldingen worden vervolgens uitgenodigd om hun uitgewerkte voorstel uiterlijk op 9 januari 2018, 14:00 uur CE(S)T in te dienen. . <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/vrije-competitie/gw/vrije-competitie.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/vrije-competitie/gw/vrije-competitie.html</a> en <a href="https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/gw/gw-vrije-competitie---call-for-proposals/Call+for+Proposals+Vrije+Competitie+Geesteswetenschappen.pdf">https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/gw/gw-vrije-competitie---call-for-proposals/Call+for+Proposals+Vrije+Competitie+Geesteswetenschappen.pdf</a>
30-01-2018	<b>NEW:</b> Sluiting indiening van het financieringsinstrument "Wetenschappelijke infrastructuur voor astronomie, informatica en wiskunde - Investeren NWO-middelgroot" De deadline voor het indienen van aanvragen is dinsdag 30 januari 2018, 14:00 uur (CET). <a href="https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/enw/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde---call-for-proposals/Call_for_Proposals_WetenschappelijkeInfrastructuur_AIW_2017-2018_NL_final2.pdf">https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/enw/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde---call-for-proposals/Call_for_Proposals_WetenschappelijkeInfrastructuur_AIW_2017-2018_NL_final2.pdf</a> en <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/enw/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/enw/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde/wetenschappelijke-infrastructuur-voor-astronomie-informatica-en-wiskunde.html</a>
11-01-2018	Sluiting indiening voorstellen voor <b>Partnership NWO Domain TTW-Holland Innovative Potato Proposals</b> Proposals need to be submitted to NWO Domain TTW before Thursday January 11th, 2017, 14.00 CE(S)T <a href="http://www.stw.nl/nl/content/partnership-nwo-domain-ttw-holland-innovative-potato">http://www.stw.nl/nl/content/partnership-nwo-domain-ttw-holland-innovative-potato</a> and <a href="http://www.stw.nl/sites/stw.nl/files/Call%20Text_PS_HollandInnovativePotato.pdf">http://www.stw.nl/sites/stw.nl/files/Call%20Text_PS_HollandInnovativePotato.pdf</a>
18-01-2018	Sluiting <b>NWO pilot programma Industrial Doctorates</b> . De deadline voor het indienen van aanvragen is dinsdag 16 januari 2018, 14.00 uur CET. <a href="https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ttw/industrial-doctorates---call-for-proposals/20170922+Call+for+Proposals.+Industrial+Doctorates+NLdocx.pdf">https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ttw/industrial-doctorates---call-for-proposals/20170922+Call+for+Proposals.+Industrial+Doctorates+NLdocx.pdf</a> en <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/ttw/industrial-doctorates/industrial-doctorates.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/ttw/industrial-doctorates/industrial-doctorates.html</a>
10-02-2018	<b>Sluiting programma Westerdijk Talentimpuls (NWO)</b> . Aanvragen kunnen ingediend worden tot 10 februari 2018, 13:59 uur. <a href="http://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/westerdijk-talentimpuls/westerdijk-talentimpuls.html">http://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/westerdijk-talentimpuls/westerdijk-talentimpuls.html</a>
06-03-2018	Sluiting <b>indiening uitgewerkte voorstellen</b> voor <b>NWO-oproep voor Onderzoekstalent voor uitmuntende studenten binnen de maatschappij- en gedragswetenschappen om promotieonderzoek te doen</b> Sluitingsdatum uitgewerkte voorstellen: 6 maart 2018, 14.00u CET <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/magw/onderzoekstalent/onderzoekstalent.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/magw/onderzoekstalent/onderzoekstalent.html</a>
06-03-2018	Sluiting <b>indiening van subsidieprojecten Subsidieoproep DoelmatigheidsOnderzoek – Open ronde 2019, Onderzoek naar de kosteneffectiviteit van interventies</b> De deadline voor het indienen van subsidieaanvragen is 6 maart 2018, 14.00 uur via projectnet. <a href="https://www.zonmw.nl/nl/subsidies/openstaande-subsidieoproepen/detail/item/doelmatigheidsonderzoek-open-ronde-2019-onderzoek-naar-de-kosteneffectiviteit-van-interventies/">https://www.zonmw.nl/nl/subsidies/openstaande-subsidieoproepen/detail/item/doelmatigheidsonderzoek-open-ronde-2019-onderzoek-naar-de-kosteneffectiviteit-van-interventies/</a>
01-05-2018	<b>NEW: Doorlopende indiening 2017-2018 TOP-Subsidies voor vrij onderzoek in astronomie, informatica en wiskunde, compartiment 1</b> In 2017-2018 kunnen aanvragen voor TOP-subsidies doorlopend ingediend worden tot 1 mei 2018 <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-1/top-subsidies-voor-vrij-onderzoek-compartiment-1.html">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-1/top-subsidies-voor-vrij-onderzoek-compartiment-1.html</a> en <a href="https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ew/top-subsidies-ew---call-for-proposals/EW_TOP_2018_Call_for_Proposals_NL_v2.0.pdf">https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ew/top-subsidies-ew---call-for-proposals/EW_TOP_2018_Call_for_Proposals_NL_v2.0.pdf</a>
01-05-2018	<b>NEW: Doorlopende indiening 2017-2018 TOP-Subsidies voor vrij onderzoek in astronomie, informatica en wiskunde, compartiment 2</b> In 2017-2018 kunnen aanvragen voor TOP-subsidies doorlopend ingediend worden tot 1 mei 2018 <a href="https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-2/top-subsidies-exacte">https://www.nwo.nl/financiering/onze-financieringsinstrumenten/nwo/top-subsidies/top-subsidies-voor-vrij-onderzoek/top-subsidies-voor-vrij-onderzoek---compartiment-2/top-subsidies-exacte</a>

	wetenschappen-voor-vrij-onderzoek-compartiment-2.html en <a href="https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ew/top-subsidies-ew--call-for-proposals/EW_TOP_2018_Call_for_Proposals_NL_v2.0.pdf">https://www.nwo.nl/binaries/content/documents/nwo/algemeen/documentation/application/ew/top-subsidies-ew--call-for-proposals/EW_TOP_2018_Call_for_Proposals_NL_v2.0.pdf</a>
17-05-2018	Sluiting <b>fase 3 NWO-TTW Perspectiefronde 2017-2018</b> De deadline voor fase 3 programma voorstellen kunnen vervolgens tot en met 17 mei 2018 (14.00 uur) worden ingediend. <a href="http://www.stw.nl/nl/perspectief">http://www.stw.nl/nl/perspectief</a>

## Regional calls

This list is a selection of regional calls. The list was compiled on **24 October 2017**. Calls marked with **NEW** are newly included in the list

Deadline	Call
17-11-2017	<b>Sluiting sixth call for projects for Interreg North-West Europe Programme</b> call for project proposals will be open from the 16th of October to the 17th of November 2017 <a href="http://www.nweurope.eu/news-events/latest-news/get-ready-for-the-sixth-call-for-projects-open-from-1610-to-1711/">http://www.nweurope.eu/news-events/latest-news/get-ready-for-the-sixth-call-for-projects-open-from-1610-to-1711/</a>
31-12-2017	<b>Sluiting Zeeuwse regeling voor kennis- en innovatienetwerken</b> Aanvragen kunnen vanaf 1 juli tot en met 31 december 2017 worden ingediend. <a href="https://www.zeeland.nl/sites/zeeland/files/campus_zeeland_ondersteunt_organiserend_vermogen_van_kennis_en_innovatienetwerken_met_subsidie.pdf">https://www.zeeland.nl/sites/zeeland/files/campus_zeeland_ondersteunt_organiserend_vermogen_van_kennis_en_innovatienetwerken_met_subsidie.pdf</a>
28-02-2018	<b>Sluiting aanvraag voor grote R&amp;D samenwerkingsprojecten: Algemene.</b> Indiening mogelijk vanaf 3 oktober 2017 tot en met 28 februari 2018 beoordeling volgens de first come, first serve systematiek. De openstelling voor Grote R&D samenwerkingsprojecten: Koolstofarme innovatie is van 7 november 2017 tot en met 28 februari 2018. <a href="http://www.op-oost.eu/Grote-R-amp-amp-D-projecten-Algemene-Innovatie-(3_3)">http://www.op-oost.eu/Grote-R-amp-amp-D-projecten-Algemene-Innovatie-(3_3)</a>
28-02-2018	<b>Sluiting aanvraag voor Grote R&amp;D samenwerkingsprojecten: Koolstofarme innovatie</b> Indiening mogelijk vanaf 7 november 2017 tot en met 28 februari 2018 beoordeling volgens de first come, first serve systematiek <a href="http://www.op-oost.eu/7358-Regelingen-2017/Grote-R-amp-amp-D-projecten-Koolstofarme-innovatie-(3.3).html">http://www.op-oost.eu/7358-Regelingen-2017/Grote-R-amp-amp-D-projecten-Koolstofarme-innovatie-(3.3).html</a>
28-02-2018	<b>Stimuleren proeftuinen (3.4) OP-Oost</b> Aanvragen van 1 maart 2017 t/m 28 februari 2018 <a href="http://www.op-oost.eu/7358-Regelingen-2017/Stimuleren-proeftuinen">http://www.op-oost.eu/7358-Regelingen-2017/Stimuleren-proeftuinen</a>
28-02-2018	<b>Stimuleren clusters en netwerken (3.5) OP-Oost</b> Aanvragen van 1 maart 2017 t/m 28 februari 2018. <a href="http://www.op-oost.eu/Stimuleren-clusters-en-netwerken">http://www.op-oost.eu/Stimuleren-clusters-en-netwerken</a>

## About the EU office

Wageningen International EU office provides, in close collaboration with Science Group liaison officers, information and support on fund raising, proposal writing and project management. The helpdesk can supply you with information on specific national and international programmes and funding schemes, best practices and templates.

Rooted in the former EuropaDesk that focused mainly on EU funding mechanisms, the services were broadened to include other international funding schemes as well as national and regional subsidies. Our approach is demand-driven. We look for tailor-made solutions, liaise with regional and institutional account managers, National Contact Points and EU officers and can support project coordinators for example with contract negotiations and audits.

The EU office is committed to provide advice in the whole process from proposal development to project execution and beyond. Whether you are looking for consultancy with regard to fund raising and proposal writing, are seeking dedicated support in developing (inter)national strategic initiatives, or are looking for advice on legal, financial or other project management related subjects.

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## Disclaimer

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