

EU Research Trends - July 2017

In July Research Trends contains news on report on the future of science by the HLG of experts chaired by former commissioner Pascal Lamy and presented at a conference. At the occasion of the publishing of the last reflection paper on the future of Europe's finances, the white paper on Europe's future and the five reflection papers are gathered to have a complete collection.

Please also consult the highlighted events section at the end of this newsletter where special attention is given to the upcoming information days on the working programme 2018-2020 as well as the general events calendar attached to the email sending out Research Trends.

Trends

Independent top advisors call for increased EU investment in research and innovation for the sake of Europe's future

An independent high level group of leading experts chaired by Pascal Lamy, President Emeritus of the Jacques Delors Institute, presented a new report on the future of EU research and innovation at a conference 3rd of July in Brussels.

The report shows that Europe must capitalise better on the knowledge it produces, and turn its innovation potential into economic growth. Research and innovation should be prioritised in EU and national budgets, with a doubling of the budget of the successor to Horizon 2020. And it should involve citizens in addressing global challenges through broadly mobilising innovation missions. The report contains 11 recommendations. [Read full text](#)

[Closing speech of Commissioner Moedas](#)

Among several responses to the report, these link will bring you to the ones of [The Guild](#) and [LERU](#).

Attached you will find the response by the rectors of Norway's Universities.

Brokerage event on SC6

Thursday 6th July eight researchers from Aarhus University participated in a match making event in Brussels on SC6 in the working programme 2018-2020 organised by CDEU/Aarhus University together with nine European universities. A total of 60 researchers attended the event. Despite the final working programme only being available late October, now is the time to start consortia building. It was very positive to see eight researchers from AU prioritising this event in between exams and holiday season.

The future of Europe - reflection papers

The debate on the future of Europe started with the white paper and ends with the European Parliament elections in 2019.

The white paper was the European Commission's contribution to the 25 March Rome Summit, where EU leaders discussed the achievements of the past 60 years and the future of the Union of 27.

To encourage the debate, the European Commission, together with the European Parliament and interested Member States, will host a series of 'Future of Europe Debates' across Europe's cities and regions, engaging with national Parliaments, local and regional authorities, and civil society at large.

The Commission has also contributed with a series of thematic reflection papers offering different options for Europe:

[White paper on the future of Europe](#)

[Reflection paper on the social dimension of Europe](#)

[Reflection paper on harnessing globalisation](#)

[Reflection paper on the deepening of the economic and monetary union](#)

[Reflection paper on the future of European defence](#)

[Reflection paper on the future of European finances](#)

Evaluation Criteria for the EIT's 2018 Competition for KIC's published

To further enhance its impact and to incentivise the innovations needed to meet major societal challenges, the EIT is continuing to expand its activities by launching a competition for two new Innovation Communities: EIT Manufacturing and EIT Urban Mobility. The first step in the process of designating the new Innovation Communities in December 2018 is the publication of the Evaluation Criteria.

[Read full text](#)

The wealth of data produced by the Joint Research Centre (JRC) is now available online.

The [JRC Data Catalogue](#) is an online platform which provides scientists, policy makers, data journalists and other users quick access to science data on a wide range of topics.

The JRC Data Catalogue is an open-access online inventory of data produced by JRC researchers. It currently contains 1629 datasets from 44 dataset collections.

Data on a vast array of topics such as agriculture and food security, economy, environment and climate as well as health and consumer protection can be accessed through this new platform.

The catalogue is updated regularly and feeds into the [EU Open Data Portal](#), which is the single point of access to a growing range of data produced by the EU institutions.

JRC opens its laboratories to wider scientific community

The JRC is opening its scientific laboratories and facilities to scientists and researchers from the private and public sectors.

As early as December 2017, researchers will be able to use JRC research facilities located in Ispra (Italy), and thereafter in Geel (Belgium), Karlsruhe (Germany) and

Petten (Netherlands), thus helping to maximise the benefits of these world-class infrastructures and laboratories.

The calls for access to the first three laboratories are available on the [dedicated portal](#).

Past successful cooperation with universities, research institutes and SMEs has shown that there is big interest in using JRC facilities. With this initiative, the JRC aims to spread scientific knowledge, boost competitiveness and help to bridge the gap between research and industry. The results will also feed into JRC's mission to support EU policymaking.

EU expands its research cooperation with Brazil and South Africa

The European Union will further boost its research and innovation cooperation with its strategic partners Brazil and South Africa in order to better understand marine ecosystems and climate. The three sides launched the South Atlantic Research and Innovation Flagship Initiative and signed a joint Statement on Atlantic Ocean Research and Innovation Cooperation.

[Read full text](#)

The new EU One Health Action Plan against Antimicrobial Resistance

The Commission adopted the [new EU One Health Action Plan against AMR](#). It builds on the 2011 action plan, its [evaluation](#), the feedback received on a [European Commission Roadmap](#) on AMR and an [open public consultation](#).

This new plan supports the EU and its Member States in delivering innovative, effective and sustainable responses to AMR, strategically reinforcing the research agenda on AMR and enabling the EU to actively promote global action and play a leading role in the fight against AMR. Its overarching goal is to preserve the possibility of effective treatment of infections in humans and animals. It provides a framework for continued, more extensive action to reduce the emergence and spread of AMR and to increase the development and availability of new effective antimicrobials inside and outside the EU.

The key objectives of this new plan are built on three main pillars:

1. Making the EU a best practice region
2. Boosting research, development and innovation
3. Shaping the global agenda

The new plan contains concrete actions with EU added value that the Commission will develop and strengthen as appropriate in the coming years for a more integrated, comprehensive and effective approach to combating AMR.

European Parliament divided as decision on text and data mining edges closer

Publishers, researchers and start-ups are fiercely competing for MEPs' ears as the European Parliament edges towards a decision whether to ease rules on text and data mining before a vote in the autumn.

But lawmakers inside the European Parliament remain divided over the policy intricacies of opening up the use of the sophisticated computer-combing technique, disagreeing about who should be allowed to do it, and for what purpose. The policy

fight is one front in a huge battle to update existing EU copyright rules, which date back to 2001.

Text and data mining turbocharges research by enabling a scientist to simultaneously scour hundreds and thousands of articles. The problem is that the material researchers want to mine is tightly controlled by journal publishers in Europe, which own the copyright. A scientist wanting to data mine papers about malaria would need to seek permission for 1,024 science journals, for example.

Researchers feel a lot of ground has been lost, with the use of mining in Europe significantly lower than in the US and Asia, due to current limitations imposed by European rules. [More information](#)

Highlighted events

Info Days on the new Working Programme 2018-2020:

SC1 Health - probably 8th December with brokerage event 6th and 7th December

SC2 Food and agriculture - Infoweek including high-level policy events Infoday, brokerage, dissemination with a focus on digitisation and a bioeconomy policy event

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 are co-organising an Info Week on Horizon 2020 [Societal Challenge 2](#) (SC2) 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy'. The usual SC2 Info Day on the new SC2 Work Programme for 2018-2020 and a related brokerage day will be complemented by two high level dissemination and policy events and a bioeconomy village highlighting SC2 projects and initiatives. The event will take place in Brussels on 14-17 November 2017 and will be organised as follows:

H2020 SC2 Info day - 14th November

The event targets potential applicants to the calls for proposals under the H2020 SC2 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy'. The Work Programme for 2018-2020 and the new funding opportunities under SC2 2018 calls for proposals will be presented in the morning, whereas in-depth info sessions on various calls under the Work Programme will be held in the afternoon.

H2020 SC2 Brokerage event - 15th November

Following the Info Day, a corresponding brokerage event will be organised by the EU-funded BioHorizon project. The purpose of the event is to support potential applicants in finding potential partners for future applications under the upcoming SC2 calls for proposals.

H2020 Bioeconomy day - 16th November

The Commission will present its review of the European Bioeconomy Strategy and Action Plan, documented as a Staff Working Document, and discuss its findings with stakeholders and policy makers. Furthermore, the European Bioeconomy

Stakeholders Panel will present and discuss its Bioeconomy Manifesto, setting out a societal agenda for bioeconomy development. These discussions will reflect both on the experiences gained over the past four years with Bioeconomy Strategy and Action Plan, and on the possible need for new actions.

H2020 Digitisation day - 17th November

The Digitisation day aims at gathering representatives of the farming and agri-food sectors, digital technology providers, as well as scientists and national and regional policy makers to discuss and exchange views on different EU policy initiatives on digitisation of farming and food sectors and of research and innovation activities contributing to these areas.

H2020 Blue Growth - A parallel session will highlight achievements and projects in marine and maritime research for Blue Growth.

Bio-National Contact Points will be invited to meet ahead of the InfoWeek on 13 November 2017.

Organic innovation days 15th-17th November

How do we move organic farming forward to ensure sustainability & health of our food systems? TP organics organises the Organic innovation days, alongside the SC2 Infoweek, to discuss how innovation can help. H2020 OK-NetArable will hold their final conference there and opportunities for funding for organic farming under H2020 work programme 2018-2020 will be presented. Call for innovations open until 31 July. Organiser: TP Organics

[Read full text](#)

Registration during summer 2017

Compulsory registration for these events will open in September.

SC3 - Energy Info Days 23th-25th October

This year the Energy Information Days will present the new funding opportunities and innovative schemes offered by Horizon 2020's Work Programme 2018-2020. If you would like to know more about the type of projects we will be looking for, save the date and join us in Brussels.

This year's Information Days will:

- update you on the **European Energy Efficiency policy**;
- present you the **Energy priorities** of the H2020 Energy 2018-2020 calls for proposals;
- provide you with guidance on **how to apply for funding**;
- offer you dedicated **workshops** for each funding area e.g. Energy Efficiency, with the opportunity to meet the EASME energy team and receive answers to your questions;
- give you an opportunity to **network and find project partners** through the National Contact Points Brokerage event.

Opening of registrations

Registrations will open in September 2017.

SC5 - Climate action - Info Day and brokerage event on the Horizon 2020 WP 2018-2020, Challenge "Climate Action, Environment, Resource Efficiency & Raw Materials" 8th and 9th November 2017 in Brussels

The event targets potential applicants to the calls for project proposals under the Horizon 2020 Challenge 5 "Climate Action, Environment, Resource Efficiency and Raw Materials".

Registration

Compulsory registration for the event will open in July.

Web-streaming

The event will be web-streamed (link will be available about 48 hours before the event on its website).

Please check the [event's webpage](#) regularly: further information (programme, registration, practical information) will be published in the coming weeks.

ICT Proposers' Day 2017 9th and 10th November in Budapest, Hungary

This networking event centres on European ICT Research & Innovation with a special focus on the Horizon 2020 Work Programme for 2018-20.

The event will focus on the 2018 Calls for Proposals of the [Horizon 2020 Work Programme](#) in the field of [Information & Communication Technologies](#). It will offer an exceptional opportunity to build quality partnerships with academics, researchers, industrial stakeholders, SMEs and government actors from all over Europe.

Registration

To register, create or update your existing personal profile on "My event". To make the most of the ICT Proposers' Day 2017, you will be able to add your project ideas and upload presentations, prepare for networking and/or join various sessions via "My Event".

[Register to ICT Proposers' Day 2017](#)

Industrial Innovation Information Days 3th-4th October 2017, Brussels

The European Commission is organising the Industrial Innovation Info Days 2017, with support of external stakeholders.

The aim is to:

- Build the basis for the future of Industrial Research in Europe,
- Inform relevant Industrial Technologies providers & users about EU activities in the field,
- Enhance cooperation among Industrial stakeholders.

Programme:

Mornings: plenary sessions with great political impact on the industrial environment, and key notes by high level speakers.

Afternoons: Panel sessions with a focus on upcoming challenges for the next work programme on Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology.

New project ideas can be presented during the brokerage sessions.

More info on registration & programme of the #IndustryInnovDay will be published soon.

**Modern Biotechnologies in Agriculture - Paving the way for responsible innovation
28th September 2017, Brussels**

The European Commission is organising a high-level conference on "Modern Biotechnologies in Agriculture - Paving the way for responsible innovation". This one-day conference will take place in the Charlemagne Building, Rue de la Loi 170, Brussels, Belgium, on Thursday 28 September 2017 from 9.30 to 18.00. HLG member Janusz Bujnicki will be a keynote speaker and will discuss the SAM HLG explanatory note on New Techniques in Agricultural Biotechnology.

Further information: [Conference website](#)

**Harnessing Research and Innovation for FOOD 2030: A Science Policy Dialogue
16th October 2017, Brussels**

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

The conference will provide a stakeholder platform for a science policy dialogues to assess the current state of European research, innovation and investment, and explore future needs relevant to:

- sustainable and healthy nutrition;
- climate-resilience and environmental sustainability;
- circularity and resource efficiency; and
- food system innovation and empowerment of communities.

The conference is free of charge and will be open to researchers, policy makers, funders and investors, policy makers and public authorities, industry, entrepreneurs, students and civil society representatives.

The conference builds on the successful FOOD2030 High Level Event of October 2016 and will act as an important milestone in the preparation of the second High Level Event to be held under the Bulgarian Presidency in the first half of 2018.

[Register here](#)

[More information soon on the Bioeconomy Website](#)

MANUFUTURE 2017 - Moving up the Value Chain, 24th-25th October 2017, Tallinn

MANUFUTURE 2017 will focus on smart manufacturing, Industry 4.0 in practice, the factories of the future, robotics, the internet of things and smart products.

[More information and registration](#)

**"Cities of the Future 2017" International Brokerage Event 26th-27th October
2017, Brussels**

The EU-funded project "Turkey In Horizon 2020" and the Scientific and Technological Research Council of Turkey (TUBITAK) have the honour to invite you to the "Cities of the Future 2017" International Brokerage Event. The event will target the following Horizon 2020 calls: • "Smart, Sustainable and Resilient Cities" and "Energy Efficient Buildings" • "Circular Economy (SPIRE, Raw Materials and Water)" • "Mobility for Growth," "Automated Road Transport" and "The European Green Vehicles Initiative" • "Smart Energy Systems and Consumers"

The brokerage event will bring together up to 400 participants from Europe and Turkey, coming from both research and industrial communities, and municipalities in the domains addressed.

This will give you the unique opportunity to connect not only with Turkish and European participants but also with highly qualified research-performing SMEs. Hence, this event will be an excellent platform to expand your network and create new partnerships for the upcoming calls in Horizon 2020.

Join this event, present your project ideas and discuss them with potential partners in face-to-face meetings! Some funds are available to cover travel and accommodation expenses for participants who want to present their proposals ideas in one of the workshops!

The earlier you register and provide the organisers with your idea, the better will be your chances for this travel fund.

Registration will be opened soon. Please check <http://h2020.org.tr/en/COF2017> and <http://turkeyinh2020.eu> for the registration announcement.

For more information please contact Ms. Nezahat Yilmaz, at n.yilmaz@idi.ie
[More information](#)

EuroScience selects Trieste to organize ESOF 2020

EuroScience and the ESOF Supervisory Board has announced that the EuroScience Open Forum 2020 will be hosted from 4 to 10 July 2020 in Trieste.

Trieste has seen the development of important international and national research institutes for research, technology transfer and the dissemination of science in Trieste, bringing to the city a concentration of research workers among the highest in the world. As a Central European city, Trieste will work to make ESOF 2020 an example of strengthening links with Central and Eastern European scientists, businesses, politicians and citizens.

Events attended in July - summaries to be obtained upon request

3rd July - HLG on research and innovation- shaping our future

Comments or questions should be directed to [Rikke Edsjö](#) or [Lina Christensen](#)