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Brussels Science News for University of Southern Denmark

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SDU HORIZON 2020 WEEK

**Remember to SAVE THE DATES
19-21st of November, 2014**

Week 47 has been declared Horizon 2020 Week at SDU. The overall programme is:

19. November: Opening Conference in Odense + Societal Challenges Workshops

20. November: Excellent Science and Industrial leadership Workshops in Odense.

21. November: Jutland Horizon 2020 Workshop in Kolding covering Societal challenges, Excellent Science etc.

More information will follow.
Any questions can be directed to cwb@southdenmark.be

❖ Agreement on Horizon 2020

On the 25th of June the Chair of EU's Ministerial Council and the European Parliament reached an informal agreement about the next research and innovation programme for Europe – Horizon 2020. It is informal because it has to be finally approved in the fall.

The novelties of the programmes is that it explicitly focuses on seven societal challenges and in this way, with research and innovation, tries to tackle some of the problems modern society face. These are e.g. climate changes, demographic challenges and health and sustainable food production. The programme also focuses on Excellent Science such as the European Research Council, which will be strengthened with approx. 4,5 bill. EUR in Horizon 2020. The programme also has an increased focus on innovation with a 20 pct. of the budget earmarked SMEs. More on the programme [here](#).

The total budget for the next seven years (2014-2020) is 70,2 bill EUR or approx. 525 bill DKK, which is roughly an 30 pct. increase from the last research programme FP7. Based on the budget indication we expect that that the overall budget will look like listed in table 1. This is still subject to change.

EU Science News for University of Southern Denmark is a monthly newsletter targeting SDU researchers, scientists, management and staff. The newsletter will focus information on funding options, network events and partnership possibilities in the EU.

Find it and sign up [here](#).

Table 1: Estimated Horizon 2020 Budget

	EUR (mia.)	DKK (mia.)
Excellent Science	22,3	167,1
European Research Council (ERC)	11,9	89,5
Future and emerging technologies	2,5	18,4
Marie Skłodowska-Curie actions	5,6	42,1
Research infrastructure	2,3	17,0
Industrial Leadership	15,5	116,3
Leadership in enabling and industrial technologies	12,4	92,7
Access to risk finance	2,6	19,4
Innovation in SMEs	0,6	4,2
Societal Challenges	27,0	202,9
Health, demographic change and well-being	6,8	51,1
European bioeconomy challenges: Food security, sustainable agriculture and forestry, marine and maritime and inland water research	3,5	26,3
Secure, clean and efficient energy	5,4	40,5
Smart, green and integrated transport	5,8	43,3
Climate action, resource efficiency and raw materials	2,8	21,1
Europe in a changing world - inclusive, innovative and reflective societies	1,2	9,0
Secure Societies - protecting freedom and security of Europe and its citizens	1,5	11,6
Widening participation	0,7	5,6
Science with and for society	0,4	3,2
European Institute of Innovation and Technology (EIT)	2,5	18,5
Joint Reserch Centers (JRC) non-nuclear	1,7	13,0
Total	70,2	526,5

❖ Calls for 41 new COST research networks

41 new European Cooperation in the field of Scientific and Technical Research (COST) networks have been published. The funds support international cooperation between researchers in 10 thematic areas:

- Biomedicine and Molecular Biosciences (BMBS)
- Chemistry and Molecular Sciences and Technologies (CMST)
- Earth System Science and Environmental Management (ESSEM)
- Food and Agriculture (FA)
- Forests, their Products and Services (FPS)
- Individuals, Societies, Cultures and Health (ISCH)
- Information and Communication Technologies (ICT)
- Materials, Physics and Nanosciences (MPNS)
- Transport and Urban Development (TUD)
- Trans-Domain Proposals (TDP)

For more information on the different COST calls – see [here](#). For each network up to two Danish members and two substitutes can be nominated for the ‘actions’ management committee. If you are interested please contact your local research support unit (find link in the back of the newsletter) or contact the Danish Agency for Science Technology and Innovation – [here](#).

❖ IMI 2 – 3,45 bill. EUR to innovative medicine

IMI 2 is a so-called Joint Technology Initiative (JTI) with the purpose of bringing together industry, academia, innovative SMEs, patient groups etc. to tackle European health challenge and increase effectiveness in the European health sector. The purpose is also to strengthen the European pharma industry and help pave the way out of the economic crisis. The “Joint” part means that the EU is contributing 1,725 bill EUR and the European pharmaceutical industry is matching that with 1,5 bill EUR in in-kind contribution. The programme will be launched January 1st 2014. IMI 2 is expected to run in a 10 year period from 2014 to 2024 and aims to deliver:



- a 30% better success rate in clinical trials of priority medicines identified by the WHO;
- clinical proof of concept in immunological, respiratory, neurological and neurodegenerative diseases in five years;
- new and approved diagnostic markers for four of these diseases and at least two new medicines which could.

A typical IMI project is quite large and requires a lot of preparation. Therefore it is suggested that you look [here](#) for more information. If you find IMI interesting you should go ahead and contact EuroCenter NCP [here](#).

The 9th Call under IMI has been published and will fund 479 mio. DKK for four research topics 1) Physical frailty and sarcopenia, 2) Leveraging technologies for pharmacovigilance and 3) Antimicrobial resistance (two sub-topics). Find out more [here](#).

❖ University of Southern Denmark takes on societal challenges with “SDU2020”

In the Danish university sector, what SDU is doing to address societal challenges is unique. SDU has given **111 mio. DKK** to research project addressing societal challenges with the prerequisite of applying for other external funds such as at Horizon 2020. The evaluation criteria were very much aligned with the expected criteria of Horizon 2020. This is done in order to strengthen the winners of SDU2020 possibilities of leveraging their funds with international or national programs also addressing societal challenges. South Denmark European Office will help the winners in their efforts in applying for Horizon 2020 or other relevant international programs.

On the 4th of July the winners were announced [here](#) – they are:

Professor Sergey I. Bozhevolnyi, Department of Technology and Innovation
Professor James Vaupel, Centre for Applied Health Services Research and Technology Assessment
Professor Jan Stentoft Arlbjørn, Department of Entrepreneurship and Relationship Management
Professor Erik Albæk, Centre of Journalism
Professor Anne-Marie Mai, Department for the Study of Culture
Professor Lars Bo Andersen, Institute of Sports Science and Clinical Biomechanics
Professor Trond Ulven, Department of Physics, Chemistry and Pharmacy
Professor Bente Finsen, Institute of Molecular Medicine
Professor John Hallam, The Maersk Mc-Kinney Moller Institute
Professor Jan Mollenhauer, Institute of Molecular Medicine
Associate Professor Charlotte Kroløkke, Department for the Study of Culture
Professor Susanne Mandrup, Department of Biochemistry and Molecular Biology
Professor Lars Peter Østerdal, Department of Business and Economics
Associate Professor Jakob Kjelstrup-Hansen, The Mads Clausen Institute

WHERE TO LOOK FOR SUPPORT ON EKSTERNAL FUNDING?

For support on all external funding incl. EU Funding please contact the research funding unit at your faculty:

- ✓ [Research support at the Faculty of Engineering](#)
- ✓ [Research support at the Faculty of Humanities](#)
- ✓ [Research support at the Faculty of Business and Social Sciences](#)
- ✓ [Research support at the Faculty of Science](#)
- ✓ [Research support at the Faculty of Health Sciences](#)

If you have any specific EU science and innovation related questions, are planning initiatives towards EU and Horizon 2020 in Brussels or at SDU or questions about this newsletter to please direct them to: Christian Walther Bruun, + 32 4 777 77 587 or cwb@southdenmark.be

IN BRUSSELS? – STOP BY

Sometimes it's easier to talk face to face. For this reason the South Denmark European Office would like to invite you to a talk about how we can assist you in your EU-endeavors – and maybe a cup of coffee at South Denmark House. So if you are planning to come to Brussels please contact us and we will set up a meeting. We are located just north of most of the EU offices - a 5 min. walk from Shuman and Maelbeek Metro Stops.

Contact: cwb@southdenmark.be or + 32 4 777 77 587

Location: South Denmark House, Avenue Palmerston 3, 1000 Bruxelles



THE SDU EUROPEAN SCIENCE EVENT CALENDAR

Please let us know (at cwb@southdenmark.be) if you are planning to attend or have questions about the conferences

Event	Date	Place
28th Annual Congress of the EEA (economy and econometrics)	26-30 th of August 2013	Gothenburg
Horizons for Social Science and Humanities	23-24 th of September 2013	Vilnius
2nd BioEconomy Forum	30. Sep – 1. October 2013	Brussels
Conference on enhanced European international cooperation and eastern partnership in the fields of research, development and innovation	30. Sep – 1. October 2013	Vilnius
European Forum for Industrial Biotechnology and the Biobased Economy	30. Sep – 2. October 2013	Brussels
Science for the Environment Conference	3-4 th of October 2013	Aarhus
Open Days	7-10 th of October 2013	Brussels
"Nutidens udfordringer – fremtidens løsninger" Konference om Horizon 2020	29th of October	Copenhagen
ICT 2013 – Create, Connect, Grow	6-8 th of November	Vilnius
The European Public Health Conference	13-16 th of November 2013	Brussels
SDU Horizon 2020 Week	19-21 of November 2013	Odense/Kolding
5th International Conference on Science in Society	22-23th of November 2013	Warsaw
EUROCITIES Annual Conference	29th of November 2013	Ghent, Belgium
Euro Science Open Forum	21-26 th of June 2014	Copenhagen
The 7th European Public Health Conference 2014	2014	Glasgow

Background: (www.atomium.be - SABAM 2009 - DJ Sharko)