



**Berichterstattung zur Forschungs-, Bildungs-,
Technologie- und Innovationspolitik weltweit**

Inhaltsverzeichnis

Global / Multilateral..... 6

- Global Biodiversity Panel Launched..... 6
- BRIC Science Profiles More Like the G7..... 6
- ASEAN: Roadmap to Introduce Sustainability Education and Research in Universities 7
- OECD: International Comparative Evidence on Global Value Chains 8
- OECD: ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy..... 9
- Supporting Grassroots Innovation 9
- Sustainable Development Requires Holistic Thinking..... 10

EU / Europa..... 10

- NIRPA Final Report Published 10

Frankreich..... 11

- François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar 11
- Französisches Forschungsministerium veröffentlicht Leitfaden zur Steuergutschrift für Forschung und Entwicklung..... 13

Großbritannien 14

- UK and Malaysia Sign Partnership Agreement 14

Japan 15

- Japan Environmental Plan Includes Controversial Greenhouse-Gas Target 15

Kanada 15

- New Research Partnerships Between Colleges and Companies Boost Marketplace Innovation..... 15

USA..... 16

- National Bioeconomy Blueprint Released 16
- Center for Urban Science and Progress in New York 17
- MIT and Harvard Announce edX 18

Dänemark..... 19

- Companies Value International Experience 19
- Facts and Key Figures for Education and Training in Denmark 20

Finnland 21

- 13.7 Million Euros to Academy Projects in Health Research 21

Finland Ranked as Innovation Leader in Europe	21
New Brochure on Centres of Excellence in Research Is Published.....	22
Indien	22
Government Plans 200 New Universities in Five Years.....	22
Norwegen.....	23
Social Sciences and the Humanities: New Agreement on Research Cooperation with Russia.....	23
Österreich	24
Erfolgsgeschichte der akademischen Gründerzentren wird fortgesetzt.....	24
Qatar.....	25
Qatari Healthcare Innovation to Be Used in Italy	25
Schweden	25
Sweden Science for Life Laboratory Will Be a World-Leading Research Institute	25
Sweden and Finland Invest 3.5 Million Euros in Nordic Clinical Medical Research	26
Südafrika.....	27
South Africa Invests in Health Research Training.....	27
Impressum.....	28

Themen

Schlüsseltechnologien

OECD: ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy.....	9
---	---

Energie

François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar	11
New Research Partnerships Between Colleges and Companies Boost Marketplace Innovation.....	15

Umwelt

Global Biodiversity Panel Launched.....	6
Sustainable Development Requires Holistic Thinking.....	10
François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar	11
Japan Environmental Plan Includes Controversial Greenhouse-Gas Target	15
New Research Partnerships Between Colleges and Companies Boost Marketplace Innovation.....	15
Center for Urban Science and Progress in New York.....	17

Lebenswissenschaften

National Bioeconomy Blueprint Released	16
Qatari Healthcare Innovation to Be Used in Italy	25
Sweden Science for Life Laboratory Will Be a World-Leading Research Institute	25
Sweden and Finland Invest 3.5 Million Euros in Nordic Clinical Medical Research	26

Kommunikation

New Research Partnerships Between Colleges and Companies Boost Marketplace Innovation	15
---	----

Bildung

François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar.....	11
MIT and Harvard Announce edX	18
Companies Value International Experience	19
Facts and Key Figures for Education and Training in Denmark.....	20

Berufliche Bildung

OECD: ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy.....	9
Facts and Key Figures for Education and Training in Denmark.....	20

Hochschulen

ASEAN: Roadmap to Introduce Sustainability Education and Research in Universities	7
François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar.....	11
UK and Malaysia Sign Partnership Agreement	14
MIT and Harvard Announce edX	18
Government Plans 200 New Universities in Five Years.....	22
Erfolgsgeschichte der akademischen Gründerzentren wird fortgesetzt.....	24

Fachkräfte

OECD: ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy.....	9
Companies Value International Experience	19

South Africa Invests in Health Research Training.....	27
Rahmenbedingungen	
ASEAN: Roadmap to Introduce Sustainability Education and Research in Universities	7
NIRPA Final Report Published	10
François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar	11
Französisches Forschungsministerium veröffentlicht Leitfaden zur Steuergut-schrift für Forschung und Entwicklung.....	13
Japan Environmental Plan Includes Controversial Greenhouse-Gas Target	15
New Brochure on Centres of Excellence in Research Is Published.....	22
South Africa Invests in Health Research Training.....	27
Förderung	
Französisches Forschungsministerium veröffentlicht Leitfaden zur Steuergut-schrift für Forschung und Entwicklung.....	13
13.7 Million Euros to Academy Projects in Health Research	21
Social Sciences and the Humanities: New Agreement on Research Coopera-tion with Russia.....	23
Erfolgsgeschichte der akademischen Gründerzentren wird fortgesetzt.....	24
Sweden and Finland Invest 3.5 Million Euros in Nordic Clinical Medical Re-search	26
FuE-Infrastruktur	
Center for Urban Science and Progress in New York.....	17
Sweden Science for Life Laboratory Will Be a World-Leading Research Insti-tute	25

Innovation	
Supporting Grassroots Innovation	9
National Bioeconomy Blueprint Released	16
Center for Urban Science and Progress in New York	17
Finland Ranked as Innovation Leader in Europe	21
Cluster	
Qatari Healthcare Innovation to Be Used in Italy.....	25
Kooperation Wissenschaft-Wirtschaft	
New Research Partnerships Between Colleges and Companies Boost Mar-ketplace Innovation	15
KMU	
François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar.....	11
Französisches Forschungsministerium veröffentlicht Leitfaden zur Steuergut-schrift für Forschung und Entwicklung.....	13
Erfolgsgeschichte der akademischen Gründerzentren wird fortgesetzt	24
Wirtschaft und Märkte	
OECD: International Comparative Evidence on Global Value Chains	8
National Bioeconomy Blueprint Released	16
Qatari Healthcare Innovation to Be Used in Italy.....	25
Indikatorik	
BRIC Science Profiles More Like the G7.....	6
OECD: International Comparative Evidence on Global Value Chains	8
Facts and Key Figures for Education and Training in Denmark.....	20
Finland Ranked as Innovation Leader in Europe	21

Evaluation

13.7 Million Euros to Academy Projects in Health Research	21
---	----

Internationalisierung

Global Biodiversity Panel Launched.....	6
OECD: International Comparative Evidence on Global Value Chains	8
Sustainable Development Requires Holistic Thinking.....	10
NIRPA Final Report Published	10
François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar	11
UK and Malaysia Sign Partnership Agreement	14
Companies Value International Experience	19
Social Sciences and the Humanities: New Agreement on Research Coopera- tion with Russia.....	23
Sweden and Finland Invest 3.5 Million Euros in Nordic Clinical Medical Re- search	26

Global Biodiversity Panel Launched

A global science assessment panel for biodiversity, modelled on the International Panel on Climate Change, was launched in Panama City earlier last month (21 April). The Intergovernmental Platform on Biodiversity and Ecosystems (IPBES) was agreed to in June 2010 by more than 230 government representatives from more than 80 countries.

Its aim is to influence global policy by providing policymakers with scientific assessments on a range of issues affecting environmental sustainability. Specific themes will be decided on in 2013 at the panel's first plenary meeting, but work on reviewing existing assessments – such as 2005's global Millennium Ecosystem Assessment – will begin immediately.

The panel will be hosted in Bonn, Germany, which beat competition from countries including Korea and India, and promised funding for capacity building in developing nations. Its annual budget, estimated to be between US\$ 5 to 13 million, is yet to be confirmed, but a trust fund will be established to receive voluntary contributions. Also still in negotiations is the selection of scientists to sit on the panel – organisations such as DIVERSITAS will be invited to make nominations.

Quelle

→ <http://www.scidev.net/en/agriculture-and-environment/biodiversity/news/global-biodiversity-panel-launched.html>

Weitere Informationen

Intergovernmental Platform on Biodiversity and Ecosystems (IPBES)

→ <http://www.ipbes.net>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus UNESCO

→ <http://www.kooperation-international.de/unesco>

Fokus Global

→ <http://www.kooperation-international.de/global>

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Schlagworte

Umwelt, Internationalisierung



BRIC Science Profiles More Like the G7

The pattern of science publishing in the emerging economies of Brazil, Russia, India and China (the 'BRICs') is becoming increasingly similar to that in developed G7 countries, the Chinese Academy of Sciences has reported. Researchers sampled articles published across a wide range of disciplines in 1991, 2000 and 2009, and found that the output from the BRICs shifted steadily to more closely resemble that of the G7, according to the study in *Scientometrics* (14 March).

They found that the G7 continue to have a more balanced portfolio of disciplines than the BRICs. Of the four BRIC countries, they noted that China in particular had moved steadily towards a more even balance of output across the disciplines – partly through policy, and partly as a result of rapid economic growth, said lead researcher, Liying Yang.

Despite the shift, differences between BRIC and developed country outputs persist, the authors noted, pointing out that mathematics, physics, chemistry and engineering consistently accounted for the majority of Chinese and Russian publications from 1991 to 2009. An exception to this trend is Brazil. While the United States and Britain continue to dominate the life sciences, Brazil has increased its published papers in this area from 50 to 70 % of national output.

Ronald Rousseau, a scientometrics researcher at the Catholic University College of Bruges-Ostend, Belgium, said the paper has a limitation as it is based only on national publication outputs rather than an assessment of the quality or efficacy of the research and its societal impact.

Quelle

→ <http://www.scidev.net/en/science-communication/science-publishing/news/bric-science-profiles-more-like-the-g7-.html>

Weitere Informationen

A comparison of disciplinary structure in science between the G7 and the BRIC countries by bibliometric methods (abstract)

→ <http://www.springerlink.com/content/b6m2492r65716531/?MUD=MP>

Chinese Academy Of Sciences

→ <http://english.cas.cn>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus G8 / G20

→ http://www.kooperation-international.de/g8_g20

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Indikatorik

Bangkok meeting of officials of the South East Asian Ministers of Education Organisation, SEAMEO, on 4 April. It was prepared on behalf of Malaysia's Ministry of Higher Education a year after a SEAMEO meeting in Vietnam in March 2011 proposed a new ASEAN agenda on sustainability in higher education.

It is important to draw up a roadmap for universities in the region, Nor told University World News. "Universities in ASEAN countries have a very fragmented administrative structure, making it difficult to implement intergovernmental policies. Different departments have different ideas on sustainability."

The roadmap comes ahead of the United Nations Conference on Sustainable Development – the Earth Summit – due to take place in Rio de Janeiro in June, often referred to as Rio+20 as it will be 20 years after the first Earth Summit in Rio in 1992. The UN has launched a programme for sustainable universities and research in advance of what is expected to be one of the largest gatherings of heads of government in over a decade to discuss sustainable development.

The ASEAN countries include Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

ASEAN countries are already involved in regional research clusters to target major problems in health and medicine, agriculture and food security, energy, environment and biodiversity, and social sciences. But research needs to resolve sustainability problems facing society. "New knowledge is needed to solve new problems," Nor said.

The roadmap will be one of the main areas of SEAMEO activities for 2012.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20120420090606838>

Weitere Informationen

ASEAN countries to set up 'research clusters'

→ <http://www.universityworldnews.com/article.php?story=20101203214736477>

Association of Southeast Asian Nations (ASEAN)

→ <http://www.aseansec.org>

ASEAN: Roadmap to Introduce Sustainability Education and Research in Universities

A roadmap for South East Asian Nations (ASEAN) to introduce sustainability education into universities by 2015 is being finalised, with an outline for teaching and research across the region presented to top officials during a meeting in Bangkok last month.

Policy-makers in fast-growing ASEAN countries are focusing increasingly on sustainable development, which requires a balance between economic growth, social development and environmental protection. But this needs to filter down to academic research and teaching, particularly as universities are taking on a more important role in tackling global and regional challenges, according to Norizzon Mohammed Nor, director of the Centre for Global Sustainability Studies at Universiti Sains Malaysia in Penang. Nor presented an outline of the plan at the





Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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Schlagworte

Hochschulen, Rahmenbedingungen



OECD: International Comparative Evidence on Global Value Chains

The past decades have witnessed a rapid globalisation of economic activity which has significantly changed the outlook of the world economy. International production, trade and investments are increasingly organised within so-called global value chains (GVCs) where the different stages in the production process are located across different economies. Until now, GVCs have been largely discussed from a conceptual and theoretical view, but empirical work on international fragmentation has stayed a bit behind.

The review of the available data and indicators on GVCs in this paper shows the increasing importance of GVCs in today's global economy, but at the same time clearly highlights some major shortcomings. While the empirical evidence based on trade data is less convincing, input-output data clearly reveal the growing spread of international production networks. Indicators on imported intermediates, offshoring and vertical specialisation all illustrate the growing fragmentation of production across more economies. Trade data seem to show the increasing importance of GVCs only in an indirect way but the existing trade data are not detailed enough and are not collected on the right level of analysis to analyse the international fragmentation and GVCs.

Policy makers show an increasing interest in GVCs because of the pervasive effects GVCs have on national economies and are especially looking for more and better policy evidence. Important policy issues like the impact of GVCs on the competitiveness of countries and attractiveness for international investments can only be addressed by new and better metrics. The OECD is developing new empirical evidence studying the emergence of GVCs based on international trade data and input-output data. In addition, the OECD is currently cooperating with other international agencies and academic experts to develop new metrics for GVCs, for example data on trade in value added.

Quelle

→ <http://dx.doi.org/10.1787/5k9bb2vcwv5j-en>

Download

International Comparative Evidence on Global Value Chains

→ [http://www.oecd-ilibrary.org/international-comparative-evidence-on-global-value-chains_5k9bb2vcwv5j.pdf?itemId=/content/workingpaper/5k9bb2vcwv5j-en& mime-Type=application/pdf](http://www.oecd-ilibrary.org/international-comparative-evidence-on-global-value-chains_5k9bb2vcwv5j.pdf?itemId=/content/workingpaper/5k9bb2vcwv5j-en&mime-Type=application/pdf)

Weitere Informationen

The Export Performance of Countries within Global Value Chains (GVCs)

→ <http://dx.doi.org/10.1787/5k9bh3gv6647-en>

OECD - Directorate for Science, Technology and Industry (STI)

→ http://www.oecd.org/department/0,3355,en_2649_33703_1_1_1_1_1,00.html

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Fokus OECD

→ <http://www.kooperation-international.de/oecd>

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Schlagworte

Wirtschaft und Märkte, Indikatorik, Internationalisierung



OECD: ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy

Information and communication technologies (ICTs) and the Internet are increasingly viewed as a vital infrastructure for all sectors of the economy. Already, employment in the ICT industry and employment of ICT specialist skills each accounts for up to 5 % of total employment in OECD countries and ICT intensive-users account for more than 20 % of all workers. In addition, the emerging "green" economy is a "smarter" economy that has increased demand for ICT-skilled jobs not only in the ICT sector, but more rapidly across the wider non-ICT economy. The further creation of new jobs can only occur, however, if the right mix of skills and competences are available in the labour market. Shortages of required ICT-related skills have been observed in some OECD countries, and this is particularly true for skills related to green ICTs.

Quelle

→ http://www.oecd-ilibrary.org/science-and-technology/ict-skills-and-employment_5k994f3prlr5-en

Download

ICT Skills and Employment – New Competences and Jobs for a Greener and Smarter Economy

→ http://www.oecd-ilibrary.org/ict-skills-and-employment_5k994f3prlr5.pdf?itemId=/content/workingpaper/5k994f3prlr5-en&mimeType=application/pdf

Weitere Informationen

Measuring the 'Broadband Bonus' in 30 OECD Countries

→ <http://dx.doi.org/10.1787/5k9bcwkg3hwhf-en>

Measuring the Impact of Innovations in Public IT Infrastructure on the Standard of Living in OECD Economies

→ <http://dx.doi.org/10.1787/5k9bf8ktf4kc-en>

Information and Communication Technologies and Productivity Growth: A Survey of the Literature

→ <http://dx.doi.org/10.1787/5k9bh3jllgs7-en>

Measuring the Internet: The Data Challenge

→ <http://dx.doi.org/10.1787/5k9bhk5fvzxx-en>



OECD - Directorate for Science, Technology and Industry (STI)

→ http://www.oecd.org/department/0,3355,en_2649_33703_1_1_1_1_1_1,00.html

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Fokus OECD

→ <http://www.kooperation-international.de/oecd>

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Schlagworte

Schlüsseltechnologien, Berufliche Bildung, Fachkräfte



Supporting Grassroots Innovation

Innovators in developing countries are finding ingenious solutions to local problems. *SciDev.Net* has published a *Spotlight*, which explores how they can be helped to realise their potential, make an impact on a large scale and put countries on a path to sustainability. A set of articles, features, opinions, news, key documents and links gives a broad overview on the topic of grassroots innovations.

Quelle und weitere Informationen

→ <http://www.scidev.net/en/science-and-innovation-policy/supporting-grassroots-innovation/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

→ <http://www.kooperation-international.de/global>

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Schlagworte

Innovation



Sustainable Development Requires Holistic Thinking

The combination of social trust and individual entrepreneurship is at the core of sustainable development. That was the message of Secretary General Halldór Ásgrímsson at the Stockholm+40 conference on 24 April.

The Rio+20 meeting is coming up in two months, bringing world leaders and over 50.000 activists and negotiators together to celebrate the 20th anniversary of the Earth Summit in 1992 that changed the way the world looks at growth and development.

Described as one of the last opportunities for world leaders to meet before the Rio meeting, the Stockholm+40 conference on 23-25 April brought together ministers, NGOs, UN delegates, business leaders and local government officials from all over the world, including Chinese Premier Wen Jiabao, EU Environment Commissioner Janez Potocnic and UNEP Director Achim Steiner, under the heading "Partnership Forum for Sustainable Development".

Alongside the conference was the first ministerial of the new Climate and Clean Air Coalition initiated by Sweden along with the United States and others, to combat the short lived climate pollutants addressed recently also by the Nordic Environment Ministers in the Svalbard Declaration.

As part of a high-level dialogue between ministers and stakeholders, Secretary General of the Nordic Council of Ministers Halldór Ásgrímsson described the Nordic Way towards a sustainable society: "The Nordic countries have not always been rich, which is otherwise often seen as a prerequisite for sustainable development. But we have grown rich through a combination of

The Rio Summit of 1992 highlighted the urgent need to rethink growth, but the attention to sustainable development actually got its first boost in Stockholm in 1972 at the UN Conference on the Human Environment celebrated at Stockholm+40, which also led to the formation of the United Nations Environment Programme. Later on, the Brundtland Commission elaborated the concept of sustainable development to include social and economic parameters, cementing the role of the Nordic countries in the global effort to secure the future of our planet.

a strong state and individual autonomy in a society based on trust and inclusiveness, factors I also see as crucial for our future development."

The Nordic Council of Ministers will take that message to the Rio+20 summit where the Nordic focus will be on issues like welfare and equality, and the role of the state in creating a green economy through e.g. green public procurement as well as the potential of New Nordic Food to generate a more sustainable lifestyle.

Swedish environment minister Lena Ek rounded off the conference by stating her firm commitment to substantial results at Rio+20.

Quelle

→ <http://www.norden.org/en/news-and-events/news/sustainable-development-requires-holistic-thinking>

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Fokus Global

→ <http://www.kooperation-international.de/global>

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Schlagworte

Umwelt, Internationalisierung

EU / Europa

NIRPA Final Report Published

The recently published final report of NIRPA, the Nordic Network for International Research Policy Analysis, focuses on current research policies and governance, international trends and the increasing search for efficiency, creating tensions with universities' quest for autonomy. It also dives into the future, by

speculating on the role of research and education. Finally, the report discusses the grand challenges facing society and how to best address them.

The objectives of the NIRPA initiative were to enhance joint cooperation within research policy analysis and to promote understanding of how globalisation influences research funding systems in the Nordic countries in general. A possible outcome of NIRPA could be to form a virtual Nordic unit for research policy intelligence.

NIRPA is a NORIA-net funded by NordForsk with a number of Nordic participants: the Academy of Finland, RANNÍS of Iceland, the Research Council of Norway, the Swedish Council for Working Life and Social Research, the Swedish Research Council and the Danish Ministry of Science, Innovation and Higher Education.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-April-2012/?mode=&SelectedEditPanelTab=1%23nirpa#nirpa>

Weitere Informationen

Final report from NIRPA, The Nordic Network for International Research Policy Analyses

→ <http://forinn.no/post/2012/03/20/Final-report-from-NIRPA-The-Nordic-Network-for-International-Research-Policy-Analyses.aspx>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

→ <http://www.kooperation-international.de/eu>

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Schlagworte

Rahmenbedingungen, Internationalisierung



Frankreich

François Hollande legte im Wahlkampf um die Präsidentschaft seine Pläne im Bereich Bildung und Forschung dar

François Hollande stellte seinen Wahlkampf unter das Motto „Le changement c’est maintenant“. Dieses verband er mit 60 Selbstverpflichtungen, die auch seine Pläne im Bereich Bildung und Forschung darlegen.

Das nationale Erziehungswesen und die Verbesserung der Zukunftschancen der heranwachsenden Generation sind für François Hollande zentrale Themen seiner Wahlversprechen. Der „crédit d’impôt recherche“ (CIR) und das „Programm Zukunftsinvestitionen“ werden von ihm nicht in Frage gestellt. Er verspricht die Förderung der Neuen Technologien und die flächendeckende Digitalisierung des französischen Staatsgebietes binnen zehn Jahren. Das Kernreaktorprojekt der dritten Generation (EPR) Flamanville will er fertigstellen, das Kernkraftwerk Fessenheim abschalten.

Die während seines Wahlkampfes formulierten Selbstverpflichtungen ("engagements") enthalten im Einzelnen folgende Aussagen zu Bildung und Forschung:

Nationales Erziehungswesen, Schulen und Hochschulen

- François Hollande wird die Zuwendung an die Eltern zur Deckung der mit dem Schuljahrbeginn verbundenen Kosten um 25 % erhöhen (Engagement 15).
- Er wird die staatlichen Zuwendungen für Schulen in den Orten erhöhen, die es am nötigsten haben (Engagement 25).
- Er wird binnen fünf Jahren 60.000 zusätzliche Stellen im Erziehungswesen schaffen (Engagement 36).
- Er wird alles Notwendige dafür tun, dass alle Kinder unter drei Jahren in die vorschulische Betreuung einbezogen werden (Engagement 37).
- Er wird bei der Zuweisung zusätzlichen Personals den Vor- und Grundschulen Priorität einräumen (Engagement 38).

- Er wird einen „Nationalen Plan für künstlerische Erziehung“ ins Leben rufen (Engagement 44).
- Er wird die ersten Abschnitte eines Hochschulstudiums reformieren und das Hochschulreformgesetz von 2007 (LRU) so umgestalten, dass eine echte Autonomie der Hochschulen durch kollegiale und demokratische Leitungsstrukturen gewährleistet ist (Engagement 39).

Forschung und Technologie

- François Hollande will der Belebung der Produktion, der Verbesserung der Lage auf dem Arbeitsmarkt und der Förderung des wirtschaftlichen Wachstums neue Impulse verleihen (Engagement 3). Hierzu gehört als eine Priorität die Politik zur Stärkung der kleinen und mittleren Unternehmen (KMU/PME, Engagement 2).
- Zu diesem Zweck wird u. a. der „crédit d'impôt recherche“ (CIR) für die KMU/PME vereinfacht und leichter zugänglich gemacht werden.
- Er wird die Umsetzung des „Programms Zukunftsinvestitionen“ beschleunigen und darüber wachen, dass in Frankreich keine „universitären und wissenschaftlichen Wüsten“ entstehen. Zu diesem Zweck wird er Kooperationen und Vernetzungen fördern (Engagement 39).
- Für den Austausch zwischen französischen und ausländischen Universitäten wird er Impulse setzen. Den Runderlass betreffend die ausländischen Studenten wird er außer Kraft setzen (Engagement 39).
- Er will, dass Frankreich im Bereich der marinen Energietechnologien die führende Rolle in Europa übernimmt (Engagement 6).
- Er wird sich für ein europäisches Budget (2014-2020) im Dienste der „Großen Zukunftsprojekte“ einsetzen (Engagement 12). Zu diesem Zweck wird er die Schaffung neuer Finanzierungsinstrumente unterstützen, um innovative industrielle Programme auf den Weg zu bringen; insbesondere in den grünen Technologien und im schienengebundenen Gütertransport.

- Er wird mit großem Nachdruck die Erzeugung von Energie mittels alternativer Technologien vorantreiben und in diesem Sektor die Schaffung und Entwicklung französischer Produktionslinien unterstützen.
- Er verpflichtet sich, in der Perspektive des Jahres 2025 den Anteil der nuklearen Energieerzeugung von z. Zt. 75 % auf 50 % zu verringern. In diesem Rahmen will er das KKW Fessenheim stilllegen. Er gewährleistet die größtmögliche Sicherheit der in Betrieb bleibenden KKW. Ganz allgemein wird er die Modernisierung der französischen Nuklearindustrie weiterverfolgen. Das im Bau befindliche KKW der dritten Generation (EPR) in Flamanville will er fertigstellen (Engagement 41).
- Er will binnen zehn Jahren die Zugänglichkeit ganz Frankreichs an ein digitales Hochgeschwindigkeitsnetz sicherstellen (Engagement 4).

Quelle

→ <http://www.kooperation-international.de/detail/info/francois-hollande-stellte-seinen-kampf-um-die-praesidentschaft-unter-das-motto-le-changement-c.html>

Weitere Informationen

Les 60 engagements de François Hollande

→ <http://www.parti-socialiste.fr/dossier/le-projet-de-francois-hollande>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

→ <http://www.kooperation-international.de/frankreich>

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Schlagworte

Energie, Umwelt, Bildung, Hochschulen, Rahmenbedingungen, KMU, Internationalisierung



Französisches Forschungsministerium veröffentlicht Leitfaden zur Steuergutschrift für Forschung und Entwicklung

Der 46 Seiten umfassende Leitfaden ("Guide du Crédit d' Impôt Recherche 2012") präzisiert die Anwendungsmodalitäten und ist in erster Linie für Betriebe bestimmt, die von dem "crédit d' impôt recherche" (CIR) Gebrauch machen wollen. Er ist in sechs Hauptabschnitte gegliedert:

1. Die in Betracht kommenden Unternehmen,
2. die FuE-Aktivitäten im Sinne der rechtlichen Bestimmungen,
3. die berücksichtigungsfähigen Ausgaben,
4. die Berechnung des von der Steuerschuld abzugsfähigen Betrags,
5. die einschlägige Erklärung gegenüber der zuständigen Finanzbehörde, die Erstattung des von der Steuerschuld absetzbaren Betrages und seine „Mobilisierung“,
6. die Sicherung und Kontrolle des CIR.

zu 1.) Industrie-, Handels und landwirtschaftliche Betriebe, die der Einkommen- oder der Körperschaftssteuer unterliegen, können den CIR in Anspruch nehmen. Die Inanspruchnahme ist unabhängig davon, ob es sich um ein Einzelunternehmen, einen gesellschaftsrechtlich organisierten Handwerksbetrieb, eine GmbH oder eine Aktiengesellschaft handelt.

zu 2.) Der CIR finanziert die Gesamtheit der FuE-Ausgaben eines Betriebs. Wegen der Bedeutung experimentell ausgerichteter Entwicklungsaktivitäten der Betriebe wird der CIR in der Praxis weitgehend für die Finanzierung der letzteren in Anspruch genommen.

Dieser Hauptabschnitt behandelt die Definition und Identifizierung der FuE-Aktivitäten (Unterabschnitt 1). Er beschreibt die Grenzen der experimentellen F+E-Aktivitäten und enthält Ausführungen zu der Frage, welche Ausgaben im Sinne des CIR nicht von der Steuerschuld des Unternehmens abgezogen werden können.

zu 3.) Der Hauptabschnitt erläutert im Einzelnen die berücksichtigungsfähigen Ausgaben, insbesondere Personalausgaben für Forscher und Forschungstechniker; Betriebskosten; Vergabe von FuE-Aufträgen an Dritte und Unterauftragnehmer; Ausgaben im Zusammenhang mit gewerblichen Schutzrechten; Ausgaben im Zusammenhang mit der Beobachtung der einschlägigen technologischen Entwicklung.

zu 4.) Der Hauptabschnitt erläutert u. a. in welcher gestaffelten Höhe die FuE-Ausgaben eines Unternehmens von seiner Steuerschuld in Abzug gebracht werden können (30 % für eine erste Tranche bis 100 Millionen Euro, 5 % für den 100 Millionen Euro übersteigenden Betrag der FuE-Ausgaben; für diejenigen Unternehmen, die den CIR zum ersten Mal in Anspruch nehmen, beläuft sich der Prozentsatz im ersten Jahr auf 40 % und 35 % im zweiten Jahr).

Im Hinblick darauf, dass im internationalen Vergleich die in Frankreich seit dem Jahre 2008 bestehende Regelung des CIR als substanzieller Wettbewerbsvorteil gilt, ist der Leitfaden grenzüberschreitend auch für solche Länder von Interesse, die ihrerseits zur Verbesserung der Wettbewerbsfähigkeit ihrer Wirtschaft eine dem CIR vergleichbare Regelung in Erwägung ziehen. Insoweit ist auf eine vergleichende Studie hinzuweisen, die die „Association nationale recherche technologie“ (ANRT) auf der Grundlage ihr von zehn großen Unternehmen zur Verfügung gestellter Daten im Jahre 2011 durchgeführt hat.

Im Auftrag des französischen Forschungsministeriums haben zwei Wirtschaftswissenschaftler (Benoît Mulkay, Université de Montpellier I und Jacques Mairesse, Universität Maastricht) im Jahre 2011 eine „Evaluation de l'impact du crédit d' impôt recherche“ unter dem Gesichtspunkt der sukzessiven Verbesserung der einschlägigen gesetzlichen Bestimmungen und ihrer Auswirkungen auf die FuE-Ausgaben der französischen Unternehmen durchgeführt.

Quelle

→ <http://www.kooperation-international.de/detail/info/frankreich-das-franzoesische-forschungsministerium-veroeffentlicht-leitfaden-zum-credit-d-im.html>

Download

Guide du Crédit d'Impôt Recherche 2012

→ http://media.enseignementsup-recherche.gouv.fr/file/CIR/58/6/CIR-03-12_vweb_212586.pdf

Weitere Informationen

Crédit d'impôt recherche : la France redevient compétitive (Zusammenfassung)

→ http://www.anrt.asso.fr/fr/espace_europe/pdf/ANRT_CIR_couts_du_chercheur_GrandsGroupes_2010.pdf

Évaluation de l'impact du crédit d'impôt recherche

→ <http://www.enseignementsup-recherche.gouv.fr/cid58962/evaluation-de-l-impact-du-credit-d-impot-recherche.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Rahmenbedingungen, Förderung, KMU



Großbritannien

UK and Malaysia Sign Partnership Agreement

A partnership agreement signed during the Prime Minister's visit to Malaysia cements the education relationship enjoyed by both nations. The signing ceremony for the UK-Malaysia Partners in Education agreement coincided with the announcements that:

- The Chevening Scholarships programme, which supports Malaysian students to study at UK universities, will double to 28 places, supported by BAE Systems.
- Dyson and the Lloyds Register Education Trust are supporting 19 new engineering scholarships at the University of Southampton's new camps in Malaysia.

Universities and Science Minister David Willetts said:

“The UK and Malaysia have a strong and long-standing education relationship which this agreement seeks to reinforce and further deepen. There are thousands of British trained graduates in Malaysia, from Prime Minister Najib downwards.

“More than 80 British institutions already have links with Malaysian counterparts and this number is set to grow in the coming year. We want to build on these links and explore the potential for new cooperation in skills development.”

Currently more than 14,000 Malaysian students are studying at UK universities, with a further 58,000 students studying our qualifications in Malaysia.

Quelle

→ <http://news.bis.gov.uk/content/Detail.aspx?ReleaseID=424088&NewsAreaID=2>

Weitere Informationen

Department for Business, Innovation and Skills (BIS)

→ <http://bis.gov.uk>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

→ <http://www.kooperation-international.de/grossbritannien>

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Schlagworte

Hochschulen, Internationalisierung



Japan

Japan Environmental Plan Includes Controversial Greenhouse-Gas Target

Ananyo Bhattacharya reports on *Nature News Blog* that on 27 April “Japan approved its fourth basic environmental plan [...], with an ambitious long-term target for carbon reduction. The [...] plan tries to reconcile Japan’s environmental goals with the new reality the country faces in the wake of last year’s Fukushima nuclear disaster.”

According to Bhattacharya “the 160-page document promises to renew Japan’s commitment to biodiversity conservation, clean up water and air, help to ease the environmental burden of developing countries and do other things to build a sustainable economy and society within Japan and internationally. Reflecting on last year’s Tohoku tsunami and Fukushima nuclear disaster, the plan promises to have more dispersed and decentralized energy sources, take measures to clean up disaster debris and implement plans for cleaning nuclear waste. [...] But the one that probably raises the most eyebrows is the target of cutting global-warming gases to 80 % of 1990 levels by 2050.”

Quelle

→ <http://blogs.nature.com/news/2012/04/japan-environmental-plan-includes-controversial-greenhouse-gas-target.html>

Weitere Informationen

Ministry of the Environment : Environmental policy

→ <http://www.env.go.jp/en/policy/index.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Japan

→ <http://www.kooperation-international.de/japan>

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Schlagworte

Umwelt, Rahmenbedingungen



Kanada

New Research Partnerships Between Colleges and Companies Boost Marketplace Innovation

The Government of Canada will support 35 community colleges and cégeps that will be partnering with businesses to conduct research projects in the areas of information and communications technologies, environmental technologies, natural resources and energy. The Honourable Gary Goodyear, Minister of State for Science and Technology made the announcement on 8 May while addressing the Polytechnics Canada Annual Conference, hosted by Sheridan College.

A total of 60 innovative partnerships between colleges and businesses will be provided more than \$ 36 million over a period of up to five years through the College and Community Innovation (CCI) Program. The announcement includes 14 new Industrial Research Chairs for Colleges to support the development of longer term business-focussed applied research programs at colleges. Three new recipients of College-University Idea to Innovation Grants were also announced. These grants support collaboration between Canadian colleges, universities and businesses to improve or extend existing company technology or commercial products. Both were first announced in Budget 2011.

NSERC is a federal agency that supports some 30,000 postsecondary students and postdoctoral fellows in their advanced studies. NSERC promotes discovery by funding more than 12,000 professors every year and fosters innovation by encouraging about 2,000 Canadian companies to participate and invest in postsecondary research projects.

CEGEP is an acronym for Collège d'enseignement général et professionnel. It refers to the public post-secondary education collegiate institutions exclusive to the education system in the province of Quebec.

The projects were selected for funding following a peer-reviewed competition. This announcement follows other CCI investments announced in 2009, 2010 and 2011; bringing total program investments to date to over \$ 160 million for 248 projects at 62 colleges and cégeps.

Sheridan College received over \$1.1 million for a new NSERC Industrial Research Chair for Colleges in Mobile Computing. The Chair will focus on delivering innovative mobile computing solutions for small and medium-sized enterprises throughout Ontario. The Chair will also be supported by industrial partners Research in Motion Limited, Cisco Systems Canada, TELUS Corporation, and Xtreme Labs Inc.

The CCI Program is managed by the Natural Sciences and Engineering Research Council of Canada (NSERC), in collaboration with the Social Sciences and Humanities Research Council of Canada and the Canadian Institutes of Health Research.

Quelle

→ http://www.nserc-crsng.gc.ca/Media-Media/NewsRelease-CommuniqueDePresse_eng.asp?ID=349

Weitere Informationen

NSERC - Natural Sciences and Engineering Research Council of Canada

→ http://www.nserc-crsng.gc.ca/index_eng.asp

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

→ <http://www.kooperation-international.de/kanada>

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Schlagworte

Energie, Umwelt, Kommunikation, Kooperation Wissenschaft- Wirtschaft



USA

National Bioeconomy Blueprint Released

On 26 April, the Obama Administration announced its commitment to strengthening bioscience research as a major driver of American innovation and economic growth. The National Bioeconomy Blueprint outlines steps that agencies will take to drive the bioeconomy – economic activity powered by research and innovation in the biosciences – and details ongoing efforts across the Federal government to realize this goal.

The bioeconomy emerged as an Administration priority because of its tremendous potential for growth and job creation as well as the many other societal benefits it offers. A more robust bioeconomy can enable Americans to live longer and healthier lives, develop new sources of bioenergy, address key environmental challenges, transform manufacturing processes, and increase the productivity and scope of the agricultural sector while generating new industries and occupational opportunities.

The Bioeconomy Blueprint outlines five strategic imperatives for a bioeconomy with the potential to generate new markets and economic growth:

- **Support R&D investments that will provide the foundation for the future U.S. bioeconomy:** Because many of the greatest opportunities in the bioeconomy require coordination among numerous fields of science, the Administration will prioritize multidisciplinary efforts to enable biological research at the boundaries of fields such as physics, chemistry, engineering, computer sciences, and mathematics. To complement these efforts, the Blueprint calls for novel funding mechanisms – prizes and challenges – to support creative, high-risk/high-reward research.
- **Facilitate the transition of bioinventions from research lab to market, including an increased focus on translational and regulatory sciences:** The Administration is committed to accelerating the commercialization of bioinventions. The Blueprint calls upon funding agencies to support the in-

tegration of entrepreneurship into university research programs and use the purchasing authority of the Federal government to bolster nascent elements of the bioeconomy. Among other approaches, the Federal government will increase its procurement of biobased products, creating jobs in rural America where many of these products are manufactured.

- **Develop and reform regulations to reduce barriers, increase the speed and predictability of regulatory processes, and reduce costs while protecting human and environmental health:** The Administration is committed to reducing uncertainty in regulatory processes to reduce costs and investment impediments while protecting human health and the environment. The Blueprint calls upon regulatory agencies to expand their work with stakeholders to accelerate application review times and, when possible, run in parallel some reviews traditionally run sequentially.
- **Update training programs and align academic institution incentives with student training for national workforce needs:** Many jobs in science- and technology-related businesses remain unfilled due to shortages of trained applicants. While the Administration has made significant investments in science, technology, engineering, and mathematics (STEM) education at the K-12 and undergraduate levels, the Blueprint calls upon agencies to take further steps – through, for example, support for employer-educator partnerships – to ensure that the future bioeconomy has a sustainable and appropriately-trained workforce.
- **Identify and support opportunities for the development of public-private partnerships and precompetitive collaborations – where competitors pool resources, knowledge, and expertise to learn from successes and failures:** President Obama has emphasized that the Federal government, universities, and companies should work together to invent, deploy, and scale the cutting-edge technologies that will create new jobs, spark new breakthroughs, and reinvigorate America today and in the future. The Blueprint calls upon Federal agencies to provide new incentives not only for public-private partnerships but also for precompetitive collaborations among private entities to benefit the bioeconomy broadly.

Although progress is being made in all of these areas, the Blueprint calls upon Federal agencies to accelerate their efforts to harness the biological sciences for the benefit of the Nation. Looking forward, it will be important to assess the impact of these efforts and apply any new metrics for measuring changes in investment, infrastructure, jobs, and more.

Quelle

→ <http://www.whitehouse.gov/blog/2012/04/26/national-bioeconomy-blueprint-released>

Download

National Bioeconomy Blueprint (full text)

→ http://www.whitehouse.gov/sites/default/files/microsites/ostp/national_bioeconomy_blueprint_april_2012.pdf

National Bioeconomy Blueprint (executive summary)

→ http://www.whitehouse.gov/sites/default/files/microsites/ostp/national_bioeconomy_blueprint_exec_sum_april_2012.pdf

Putting the Bioeconomy Blueprint to Work (fact sheet)

→ http://www.whitehouse.gov/sites/default/files/microsites/ostp/bioeconomy_fact_sheet_april_26_2012_0.pdf

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

→ <http://www.kooperation-international.de/usa>

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Schlagworte

Lebenswissenschaften, Innovation, Wirtschaft und Märkte



Center for Urban Science and Progress in New York

Mayor Bloomberg announced the launch of the Center for Urban Science and Progress (CUSP), an applied science research institute that is being created by New York University and NYU-Poly with a consortium of world-class universities and the foremost international tech companies to address the needs of cities.

CUSP simultaneously responds to two important challenges:

- The very specific challenge issued by the Bloomberg Administration to create an applied science institute in New York that will make the city a world capital of science and technology, and lead to new jobs, and
- the grand technical, intellectual, engineering, academic, and human challenges posed by a rapidly urbanizing world.

For the first time in history, more than half of the world's population lives in urban areas; in just a few more decades, the world's population will exceed 9 billion, 70 % of whom will live in cities. Enabling those cities to deliver services effectively, efficiently, and sustainably while keeping their citizens safe, healthy, prosperous, and well-informed will be among the most important undertakings in this century.

CUSP will tackle these urban challenges and set the research agenda on the science of cities, educating the next generation of engineers in how to apply that research, bringing innovative ideas to a world market, and creating a new, fast-growing, and indispensable industry – along with the many jobs that go with it.

At the scale at which it will operate, CUSP will generate an entirely new sector in New York City's economy, placing it at the center of a global stage in this field. CUSP will be an important new academic program for NYU. Led by a world-class director – renowned physicist Steven Koonin – it will have at full strength approximately 50 principal investigators (30 tenured and tenure-track faculty from NYU/NYU-Poly and the other academic partners, and 20 research scientists from the industrial partners), over 400 Master's students, 100 PhD students, and 30 post-docs.

CUSP will draw its research strength from an extraordinary consortium – leading institutions of higher learning, leaders in the tech industry, and leaders in public service – that individually rank among the most prominent in their sectors, but together form an unsurpassed whole.

CUSP will be located in Downtown Brooklyn. The academic institutions include: NYU and NYU-Poly, Carnegie Mellon University, the City University of New York, the Indian Institute of Technology – Bombay, the University of Toronto and

the University of Warwick. The industry partners include: IBM, Cisco, Siemens, Con Edison, National Grid, Xerox, Arup, IDEO and AECOM.

Quelle

→ <http://www.nyu.edu/about/university-initiatives/center-for-urban-science-progress.html>

Weitere Informationen

New York University
→ <http://www.nyu.edu>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA
→ <http://www.kooperation-international.de/usa>

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Schlagworte

Umwelt, FuE-Infrastruktur, Innovation



MIT and Harvard Announce edX

On 2 May Harvard University and the Massachusetts Institute of Technology (MIT) announced edX, a transformational new partnership in online education. Through edX, the two institutions will collaborate to enhance campus-based teaching and learning and build a global community of online learners.

edX will build on both universities' experience in offering online instructional content. The technological platform recently established by MITx, which will serve as the foundation for the new learning system, was designed to offer on-line versions of MIT courses featuring video lesson segments, embedded quizzes, immediate feedback, student-ranked questions and answers, online laboratories, and student paced learning. Certificates of mastery will be available for those motivated and able to demonstrate their knowledge of the course material.

MIT and Harvard expect that over time other universities will join them in offering courses on the edX platform. The gathering of many universities' educational content together on one site will enable learners worldwide to access the course content of any participating university from a single website, and to use a set of online educational tools shared by all participating universities.

edX will release its learning platform as open source software so it can be used by other universities and organizations who wish to host the platform themselves. Because the learning technology will be available as open-source software, other universities and individuals will be able to help edX improve and add features to the technology.

MIT and Harvard will use the jointly operated edX platform to research how students learn and how technologies can facilitate effective teaching both on-campus and online. The edX platform will enable the study of which teaching methods and tools are most successful. The findings of this research will be used to inform how faculty use technology in their teaching, which will enhance the experience for students on campus and for the millions expected to take advantage of these new online offerings.

The initiative will be overseen by a not-for-profit organization based in Cambridge, Massachusetts, to be owned and governed equally by the two universities. MIT and Harvard have committed to a combined \$ 60 million (\$ 30 million each) in institutional support, grants and philanthropy to launch the collaboration.

Quelle

→ <http://www.edxonline.org/release.html>

Weitere Informationen

edX

→ <http://www.edxonline.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

→ <http://www.kooperation-international.de/usa>

Cluster Boston

→ <http://www.kooperation-international.de/clusterportal/cluster-boston.html>



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Schlagworte

Bildung, Hochschulen



Dänemark

Companies Value International Experience

Studying or taking an internship abroad is considered an advantage when private companies are recruiting new employees. And employers predict that international experience will be even more important in the future. Every second private company would prefer an employee with international experience on their CV according to a new study which examines private employers' views of graduates' competences and relevant international experience.

“If given the choice between two equally qualified candidates, more than half of companies would choose the applicant who had experience from abroad. Only one per cent would choose an applicant that had not been abroad. It clearly shows that companies value graduates with an international outlook and the courage to leave the safety-net of Denmark and perfect their skills abroad”, says Higher Education Minister Morten Østergaard.

When recruiting new employees, a third of companies stressed the importance of studying or taking an internship abroad. More than 70 % of companies questioned view an international outlook and cross-cultural understanding as important qualities and 50 % predicted that international experience will have even greater meaning for recruitment in the future. Larger companies in particular, place emphasis on job applicants having completed part of their studies abroad.

More and more Danish students are choosing to study or take an internship abroad as part of their study programme. The latest figures for Danish students

heading abroad via the Erasmus programme show an increase of nearly 15 % for 2010/2011 compared to the previous education year.

"Internationalisation is the path to growth and prosperity for Denmark and good introduction to the labour market for the individual student. Therefore, going abroad must be a completely natural part of education. The Government will soon produce its internationalisation strategy and European countries have recently adopted a joint strategy for creating better conditions for mobility in Europe. In 2020, 20 % of European graduates must have either studied or taken an internship abroad. My long-term vision is for all students to have an international element to their education", says Morten Østergaard.

"Undersøgelse af private arbejdsgiveres syn på færdiguddannedes kompetencer og studierelevante udlandsophold" (The study of private employers' views on graduates' competences and relevant international experience – in Danish only) has been carried out in cooperation between the Danish Chamber of Commerce, the Confederation of Danish Industry, the Council for Internationalisation and the Danish Agency for Universities and Internationalisation. 334 private companies participated in the study.



Quelle

→ <http://en.fivu.dk/press/2012/companies-value-international-experience>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

→ <http://www.kooperation-international.de/daenemark>

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Schlagworte

Bildung, Fachkräfte, Internationalisierung



Facts and Key Figures for Education and Training in Denmark

In connection with the Danish EU Presidency English-speaking visitors can now get an insight into the Danish education and training system and key quantitative indicators.

The Ministry of Children and Education together with the Ministry of Research, Innovation and Higher Education has produced a short booklet in English, which is meant to provide foreign visitors to Presidency meetings and conferences with some basic information on Danish education and training.

Quelle

→ <http://eng.uvm.dk/News/~UVM-EN/Content/News/Eng/2012/120312-Facts-and-key-figures-for-education-and-training-in-Denmark-now-in-English>

Download

Education and Training in Denmark – Facts and Key Figures

→ <http://eng.uvm.dk/News/~UVM-EN/Content/News/Eng/2012/~media/UVM/Filer/English/PDF/120312%20Education%20and%20training%20in%20DK.ashx>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

→ <http://www.kooperation-international.de/daenemark>

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Schlagworte

Bildung, Berufliche Bildung, Indikatorik



13.7 Million Euros to Academy Projects in Health Research

The decisions on Academy Project funding within the Academy of Finland's September 2011 call have been made. Academy Project funding by the Research Council for Health totalled some 13.7 million euros. The average funding per project was some 430,000 euros. In the September 2011 call, the Research Council received a total of 197 applications for Academy Project funding; 33 were granted funding. The number of applications increased by almost 25 % compared to the year before. The review panels, composed of foreign experts, found the scientific quality of the applications overall good. The applications scored with the highest grades were found competitive on an international level.

Academy Projects are the key funding opportunity provided by the Academy for research projects, designed to offer funding for projects where researchers themselves select the topics. Non-tied project funding is a way to guarantee renewal in scientific disciplines as well as the freedom of scientific research. Academy Project funding provides researchers with an opportunity to carry out scientifically ambitious research, to achieve new breakthroughs and to engage in high-risk research. Most of the funded research involves international cooperation.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-April-2012/?mode=&SelectedEditPanelTab=1#projects>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

→ <http://www.kooperation-international.de/finland>

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Schlagworte

Förderung, Evaluation



Finland Ranked as Innovation Leader in Europe

The 2011 Innovation Union Scoreboard (IUS) ranks Finland among the top four innovation leaders in Europe, together with Sweden, Denmark and Germany. These top four countries have performed particularly well in terms of business R&D activity and they can boast of good collaborations between the public sector and business and industry. The top four innovation leaders also effectively commercialise new technology and the results of R&D and are active in scientific publication.

As Samuli Rikama from Statistics Finland writes in the agency's magazine Tieto&trendit, Finland's strengths are concentrated around the human capital measured by education and publication output, around the economic support for innovation activity and around collaboration and entrepreneurship. In relative terms, Finland is less successful in operational profitability. In recent years, Finland's knowledge-intensive exports have been on the rise, but are still below the EU average.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-April-2012/?mode=&SelectedEditPanelTab=1#innovation>

Weitere Informationen

Innovation Union Scoreboard 2011

→ http://ec.europa.eu/enterprise/policies/innovation/facts-figures-analysis/innovation-scoreboard/index_en.htm

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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Schlagworte

Innovation, Indikatorik



New Brochure on Centres of Excellence in Research Is Published

“In the Forefront of Science” is the name of the brochure describing the Academy of Finland’s Centres of Excellence of Research for 2012–2017. The brochure presents each Centre and includes interviews with the researchers involved. Centres of Excellence are the flagships of Finnish research. They are at the very cutting edge of science in their fields, carving out new avenues for research, developing creative research environments and training new talented researchers for Finnish society, business and industry.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-April-2012/?mode=&SelectedEditPanelTab=1#brochure>

Download

In the Forefront of Science 2012-2017

→ http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/AKA_huippuyksikkoesite_GB_WEB_2012.pdf

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

→ <http://www.kooperation-international.de/finnland>

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Schlagworte

Rahmenbedingungen



Indien

Government Plans 200 New Universities in Five Years

Higher education in India is set for a boost with the Human Resource Development (HRD) Ministry finalising plans worth INR 800 billion (US\$ 15.2 billion) to improve access to colleges and universities, writes Chetan Chauhan for the Hindustan Times. The government has embarked on an ambitious plan to double the gross enrolment ratio from around 17 % at present to 30 % by the year 2020. For this, there will need to be many more new universities and colleges across the country.

HRD Minister Kapil Sibal said in April that 200 new universities and a degree college in each district in India will be opened in the next five years. In addition to new institutions, many existing colleges will be upgraded, either into universities or autonomous colleges with degree-awarding powers. The INR 800 billion allocation will be the biggest ever for higher education.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20120427192040920>

Weitere Informationen

200 universities across India in next 5 yrs: Sibal

→ <http://www.hindustantimes.com/HTNext/Education/200-universities-across-India-in-next-5-yrs-Sibal/Article1-846073.aspx>

Increase student intake to meet higher education demand, says UGC

→ <http://www.universityworldnews.com/article.php?story=20120413171709118>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Indien

→ <http://www.kooperation-international.de/indien>

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Schlagworte

Hochschulen



Norwegen

Social Sciences and the Humanities: New Agreement on Research Cooperation with Russia

The Russian Foundation for Humanities (RFH) and the Research Council of Norway recently signed a cooperation agreement that encompasses research in the social sciences as well as the humanities.

In addition to promoting cooperation between Norwegian and Russian researchers in these two areas the agreement will facilitate the mutual exchange of scientific material and literature. Joint calls for proposals with funding from both countries will be an important measure in order to reach the objectives of the agreement.

The agreement was signed by Director of the RFH and Director General of the Research Council Arvid Hallén.

Mr Hallén emphasised that Russia is a priority partner country for Norway and that the new agreement will provide both countries with a stronger basis for further developing their cooperation. Russia ranks from fifth to eighth on the list of Norway's top partners for research cooperation, depending on which indicators are used.

Mr Fridlyanov identified several areas of interest for cooperation, including research on the literary works of Henrik Ibsen and topics relating to the Norwegian polar explorers Roald Amundsen and Fridtjof Nansen. "These men are our heroes, too," he said, and pointed out that the two countries have longstanding shared traditions. Mr Fridlyanov also believes that there is great potential for cooperation within disciplines such as archaeology and history.

During the signing, Executive Director of the Research Council's Division for Society and Health Jesper Simonsen pointed out that a modernisation of Russo-Norwegian cooperation has taken place in recent years. The new agreement is based on the intention of these two "good neighbours" to engage in mutually beneficial cooperation.

The RFH is one of four foundations in Russia that provide public research funding. The current annual budget of the organisation is RUB 1.5 billion.

The Research Council has signed an agreement with the Russian Foundation for Basic Research as well. Russia is also home to the Russian Foundation for Technological Development and the Foundation for Assistance to Small Innovative Enterprises.

In his final annual address to the State Duma as prime minister in 2011, Vladimir Putin stated that allocations to the foundations would be increased substantially. He singled out the two foundations with which the Research Council cooperates in particular, and promised an escalation in allocations to reach an overall annual budget of RUB 25 billion in 2018. For the RHF this could mean a nearly three-fold increase in its budget.

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/New_agreement_on_research_cooperation_with_Russia/1253977407952?WT.mc_id=nyhetsbrev-ForskningsradetEngelsk

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

→ <http://www.kooperation-international.de/norwegen>

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Schlagworte

Förderung, Internationalisierung



Österreich

Erfolgsgeschichte der akademischen Gründerzentren wird fortgesetzt

Immer mehr Uni- und FH-AbsolventInnen in Österreich gründen eigene Unternehmen. Eine Schlüsselrolle spielen dabei die acht Academia-plus-Business-Zentren (AplusB-Zentren), die an Universitäten, Hochschulen und Forschungseinrichtungen angesiedelt sind. Laut Forschungsförderungsgesellschaft (FFG) sind in den vergangenen zehn Jahren 367 neue Firmen mit 1.800 hochwertigen, teils forschungsintensiven Vollzeit Arbeitsplätzen entstanden. "Die Gründung von innovativen Unternehmen aus Universitäten und Hochschulen wird für einen florierenden Innovationsstandort und für hochwertige neue Arbeitsplätze immer wichtiger", betont Innovationsministerin Doris Bures.

Diese Erfolgsgeschichte soll nun fortgesetzt werden. Das Bundesministerium für Verkehr, Innovation und Technologie (BMVIT) hat für die fünf älteren österreichischen AplusB-Gründerzentren im Rahmen des "AplusB Impuls Programms" eine neue Fördertranche von 13 Millionen Euro bewilligt und die Zentren damit für weitere fünf Jahre abgesichert. "Die Gründerzentren sind ein wichtiges Instrument der Hochschul-, Standort- und Technologiepolitik geworden. Durch die neue Fördertranche können sie ihre gesellschaftlich und wirtschaftlich wertvolle Arbeit weiterführen", teilte Bures am Freitag mit. Die restlichen drei AplusB-Zentren werden sich 2013 um eine Weiterführung bewerben.

Die Zahl der selbständigen HochschulabsolventInnen insgesamt ist laut Statistik Austria von 63.500 im Jahr 2001 auf knapp 100.000 UnternehmerInnen im Jahr

Mit dem Förderprogramm für die "AplusB"-Zentren unterstützt das BMVIT bereits seit bald zehn Jahren erfolgreich Firmengründungen aus Universitäten, Fachhochschulen und außeruniversitären Forschungseinrichtungen. Gemeinsam mit den Ländern unterstützt das BMVIT bundesweit acht derartige Einrichtungen: accent NÖ, BCCS Salzburg, build! Kärnten, CAST Tirol, INiTS Wien, Science Park Graz, tech2b OÖ und ZAT Leoben. Gesellschafter und Partner dieser Zentren umfassen nahezu alle Universitäten und Fachhochschulen, Forschungseinrichtungen und Förderungsagenturen Österreichs.

2011 gestiegen. Vor allem bei Postgraduate-AbsolventInnen ist der Anteil der UnternehmensgründerInnen in Österreich laut Global Entrepreneurship Monitor mittlerweile doppelt so hoch wie im internationalen Durchschnitt. Nach einer EU-Untersuchung liegt die durchschnittliche Überlebensrate von jungen Unternehmen nach fünf Jahren bei etwa 50 %. Gehen die Gründungen allerdings aus einem Gründerzentrum hervor, steigt die Rate auf bis zu 80 %.

"In Zeiten der Globalisierung und des weltweiten Innovations-Wettlaufs wird die Verwertung guter Ideen eine immer wichtigere Rohstoffressource für Österreich. Die Gründerzentren an den Hochschulen leisten dazu einen wichtigen Beitrag", so die Innovationsministerin.

Uni- und FH-AbsolventInnen erhalten hier nicht nur finanzielle Hilfe und Beratung bei der Gründung, sondern in der Startphase auch ein eigenes Büro und die notwendige Infrastruktur. Im AplusB-Netzwerk befinden sich österreichweit ca. 150 Fachleute aus der gesamten österreichischen Innovationslandschaft, die die JungunternehmerInnen bei Bedarf aktiv beim Firmenaufbau bis hin zur Anschlussfinanzierung für den Markterfolg begleiten.

Quelle

→ <http://www.ffg.at/news/bures-erfolgsgeschichte-der-akademischen-gruenderzentren-wird-fortgesetzt>

Weitere Informationen

AplusB - Academia plus Business

→ <http://www.ffg.at/apusb-academia-plus-business>

Bundesministerium für Verkehr, Innovation und Technologie

→ <http://www.bmvit.gv.at/presse/aktuell/nvm/2012/0504OTS0138.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Österreich

→ <http://www.kooperation-international.de/oesterreich>

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Schlagworte

Hochschulen, Förderung, KMU



Qatar

Qatari Healthcare Innovation to Be Used in Italy

A Qatari healthcare innovation developed at the country's science and technology park will be rolled-out in clinics in Italy, under a new collaboration agreement signed last month (15 April). The Qatar Science & Technology Park (QSTP) will collaborate on innovations in preventative medicine with the Italian insurance company, Fondo di Assistenza Sanitaria Integrativa.

As part of the agreement, the Italian company will roll out Qatar's technology for remote health monitoring, called 'RASAD', to its national network of over 2,000 clinics. RASAD is the first 'Made in Qatar' technology in a domain other than fossil fuel energy to be commercialised internationally, according to the QSTP's executive chairman, Tidu Maini. The technology uses sensors that measure physiological features, such as heart rate. These sensors link up wirelessly to software that analyses physiological data and alerts doctors to emerging health problems in individual patients.

The new agreement will also see the Qatari science park and the Italian firm exchange information on preventative medicine with a focus on heart disease and diabetes.

Quelle

→ <http://www.scidev.net/en/health/news/qatari-healthcare-innovation-to-be-used-in-italy.html>

Weitere Informationen

Qatar Science & Technology Park (QSTP)

→ <http://www.qstp.org.qa>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Qatar

→ <http://www.kooperation-international.de/qatar>

Cluster Qatar

→ <http://www.kooperation-international.de/clusterportal/cluster-qatar.html>

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Schlagworte

Lebenswissenschaften, Cluster, Wirtschaft und Märkte



Schweden

Sweden Science for Life Laboratory Will be a World-Leading Research Institute

A new national research institute will be established in 2013, the Sweden Science for Life Laboratory. The Knut and Alice Wallenberg Foundation and Astra-Zeneca announced on 3 April that they will contribute considerable financial support to the project.

Sweden Science for Life Laboratory (SciLifeLab) is a centre for biomedical research whose activities include mapping the cause of disease and contributing to the discovery of new treatment methods and the development of new pharmaceuticals.

"We have high ambitions. Sweden will be at the forefront. A research institute like SciLifeLab will be able to gather the sharpest brains and lay the foundation for new and major breakthroughs," says Minister for Education Jan Björklund.

As of 2013, SciLifeLab will be a national research institute. Today it is a collaborative project between four universities: Uppsala University, Stockholm University, Karolinska Institutet and the Royal Institute of Technology. These universities will be the main stakeholders in the new institute. In a few years' time, it is expected that SciLifeLab will have an annual turnover of roughly SEK 1 billion.

"Sweden Science for Life Laboratory has the makings of a world-class research institute. The Knut and Alice Wallenberg Foundation has therefore approved a contribution of SEK 220 million for technical laboratories that will strengthen SciLifeLab," says Peter Wallenberg Jr, Vice-chairman of the Knut and Alice Wallenberg Foundation.

AstraZeneca also announced today that it will enter into a five-year cooperation agreement with SciLifeLab. It intends to invest in research projects to the tune of USD 5-10 million per year for five years, depending on projects of current interest.

"SciLifeLab combines advanced technology with expertise in translational medicine and molecular bioscience, an area of great interest to AstraZeneca in the development of new patient treatments. We have therefore signed a declaration of intent with SciLifeLab, which means that we intend to strengthen our cooperation," says Anders Ekblom, Executive Vice President, Science and Technology, R&D, and CEO of AstraZeneca Sverige AB.

The Minister for Education welcomes the decision of the Knut and Alice Wallenberg Foundation and AstraZeneca.

"I am naturally very pleased that AstraZeneca and the Knut and Alice Wallenberg Foundation are prepared to invest considerable resources in SciLifeLab. Collaboration of this kind helps make Sweden an attractive country both to researchers and knowledge-intensive companies," says Mr Björklund.

Quelle

→ <http://www.sweden.gov.se/sb/d/15712/a/190057>

Weitere Informationen

Sweden Science for Life Laboratory

→ <http://www.scilifelab.se/index.php?content=about>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Schweden

→ <http://www.kooperation-international.de/schweden>

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Schlagworte

Lebenswissenschaften, FuE-Infrastruktur



Sweden and Finland Invest 3.5 Million Euros in Nordic Clinical Medical Research

The Academy of Finland and the Swedish Research Council have granted a total of 3.5 million euros to Finnish and Swedish researchers for bilateral clinical medical research. The three-year projects to be funded focus on topics such as the association between Pandemrix influenza vaccination and narcolepsy and the various treatment options for rheumatoid arthritis.

The aim of the funding is to strengthen clinical research in Finland and Sweden with a view to maintaining the internationally competitive position and tackling the grand challenges faced by society. This is the first time that the two research funding agencies cooperate in this way within clinical medical research.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-April-2012/?mode=&SelectedEditPanelTab=1#invest>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Schweden

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Schlagworte

Lebenswissenschaften, Förderung, Internationalisierung



South Africa Invests in Health Research Training

Linda Nordling reports on *Nature News Blog*, that South Africa's "health minister, Aaron Motsoaledi, launched the National Health Scholars Programme" on 26 April in Cape Town. "The programme aims to enrol 1000 new PhD students in health science by 2022. It is part of a wider South African push to train more graduate students. The South African National Planning Commission has set a target to produce 5000 PhDs annually by 2030. Currently, the country produces less than 1500 per year."

Quelle

→ <http://blogs.nature.com/news/2012/04/south-africa-invests-in-health-research-training.html>

Weitere Informationen

Department of Health

→ <http://www.doh.gov.za>

Reflecting on South Africa's PhD output ambitions

→ <http://www.chet.org.za/news/reflecting-south-africas-phd-output-ambitions>

Are national goals for doctoral education realistic?

→ <http://www.universityworldnews.com/article.php?story=20120306150045171>

MP calls for help for local black doctoral students

→ <http://www.universityworldnews.com/article.php?story=2012042017405591>

Africa's neglected area of human resources for health research - the way forward

→ <http://www.samj.org.za/index.php/samj/article/view/5377/3956>

Ausführliche Länder- und Themeninformationen Kooperation international

Fokus Südafrika

→ <http://www.kooperation-international.de/suedafrika>

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Schlagworte

Fachkräfte, Rahmenbedingungen



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