

Inhaltsverzeichnis

Global	6
OECD: New Study on Business Innovation Policies in Selected Countries....	6
OECD Global Science Forum zu Gast in Berlin	6
Gates Tells G20 Innovation is the Key to Development.....	7
Major Patent Pool Opens up Research on Neglected Disease	8
World Bank Says Top Research Universities Not for All.....	9
EU / Europa	9
Opening the World for Small and Medium Sized Enterprises to Enhance EU Growth	9
Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen.....	10
EU kündigt neue Unterstützung für die Bildungsförderung in Entwicklungsländern an.....	11
EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm.....	12
New Report: Trends and Challenges in Demand-Side Innovation Policies in Europe	13
Nordic Cooperation Strengthens Growth in the Baltic Sea Region.....	13

Berichterstattung zur Forschungs-, Technologie- und Innovationspolitik weltweit

Nordic Council Demands Climate Back on the Agenda	14
Nordic Ministers for Education and Research Met to Discuss Common Education and Research Issues	15
Frankreich	16
Clusterportrait Toulouse.....	16
Exzellenzinitiativen für innovative Ausbildungsgänge	17
Großbritannien	17
Royal Society: UK Government Needs to Correct its Short Sighted Approach to Nuclear Power	17
Italien	18
Court Endorses Vatican Bank's Rescue of Italian Biomedical Research Center	18
Japan	19
New Science and Technology Graduate University in Okinawa	19
Kanada	20
Federal R&D Panel Reports with Six Major Recommendations.....	20
Expertengremium erarbeitet neue kanadische Bildungsstrategie	21

USA	22
Creative Research Awards for Transformative Interdisciplinary Ventures.....	22
Connecticut Legislature Approves Funding for New Jackson Laboratory Research Institute.....	23
Peter Thiel Announces Breakout Labs to Energize Innovation.....	24
Regierung verkündet Schuldenschnitt für US-amerikanische Hochschulstudenten und -absolventen	25
Brasilien.....	26
Entstehung einer Nationalen Innovationsagentur (EMBRAPII) in Brasilien ..	26
Dänemark.....	26
Boost for Research and Education in Budget Proposal	26
The Danish National Research Foundation Invests 585 Million DKK in 11 new Centers of Excellence	27
Reorganisation of the Ministry of Science, Innovation and Higher Education	28
Finnland	28
Tapio Lokki and Mikko Salo Receive 2011 Academy of Finland Awards	28
Finland Prepares a Development Plan for Education and Research.....	29
Research and Innovation Council Appointed	29
Finnish Universities Team up to Strengthen Their Profiles	30
Indien	31
India-US Higher Education Summit Reveals Gaps	31
Niederlande	32
Netherlands Organisation for Scientific Research (NWO) launches three new research themes in line with top sector policy.....	32

Holst Centre and Philips Research Celebrate Successful Five Year Collaboration with New Contract	32
--	----

Norwegen.....	33
Programme for the Norwegian Presidency of the Nordic Council of Ministers 2012	33
Long-Term Investment Paying off: 20 Years of Research on CO ₂ Capture and Storage	33
New European Economic Area (EEA) Agreement Signed with Hungary.....	34
Österreich	35
Molekularbiologe Giulio Superti-Furga ist Österreicher des Jahres in der Kategorie Forschung.....	35
Österreich startet große Herbst-Ausschreibungsrunde	36
Rumänien.....	36
Rumänien setzt mit Donauraumgipfel und Wirtschaftsforum Impulse für die Umsetzungsphase der EU-Donauraumstrategie.....	36
Schweden	37
Swedish Councils Propose Plan to Improve Research	37
Slowakei.....	38
Presentation of Minister Jurzyca on the 36th UNESCO's General Conference	38
Tschechien	38
Tschechische Wissenschaft muss besser bewertet und finanziert werden ..	38
Türkei	39
Turkey's R&D Activities Survey 2010 Results Are Announced	39
ICTurkey 2011 International Brokerage Event	39
Impressum	41

Themen

Schlüsseltechnologien

Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen.....	10
EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm.....	12
Holst Centre and Philips Research Celebrate Successful Five Year Collaboration with New Contract	32
ICTurkey 2011 International Brokerage Event	39

Energie

Nordic Cooperation Strengthens Growth in the Baltic Sea Region.....	13
Royal Society: UK Government Needs to Correct its Short Sighted Approach to Nuclear Power	17

Umwelt

Nordic Council Demands Climate Back on the Agenda.....	14
Long-Term Investment Paying off: 20 Years of Research on CO2 Capture and Storage	33

Lebenswissenschaften

OECD Global Science Forum zu Gast in Berlin.....	6
Major Patent Pool Opens up Research on Neglected Disease	8
Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen.....	10
Court Endorses Vatican Bank's Rescue of Italian Biomedical Research Center.....	18
Connecticut Legislature Approves Funding for New Jackson Laboratory Research Institute	23

Kommunikation

EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm.....	12
ICTurkey 2011 International Brokerage Event	39

Demografischer Wandel

Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen.....	10
--	----

Bildung

EU kündigt neue Unterstützung für die Bildungsförderung in Entwicklungsländern an	11
Expertengremium erarbeitet neue kanadische Bildungsstrategie	21
Finland Prepares a Development Plan for Education and Research	29
India-US Higher Education Summit Reveals Gaps	31
Presentation of Minister Jurzyca on the 36th UNESCO's General Conference	38

Berufliche Bildung

EU kündigt neue Unterstützung für die Bildungsförderung in Entwicklungsländern an	11
Finland Prepares a Development Plan for Education and Research	29

Hochschulen

World Bank Says Top Research Universities Not for All.....	9
Exzellenzinitiativen für innovative Ausbildungsgänge	17
New Science and Technology Graduate University in Okinawa	19
Regierung verkündet Schuldenschnitt für US-amerikanische Hochschulstudenten und -absolventen	25
Finnish Universities Team up to Strengthen Their Profiles	30

India-US Higher Education Summit Reveals Gaps	31
---	----

Fachkräfte

Finland Prepares a Development Plan for Education and Research.....	29
Finnish Universities Team up to Strengthen Their Profiles	30
Molekularbiologe Giulio Superti-Furga ist Österreicher des Jahres in der Kategorie Forschung.....	35

Rahmenbedingungen

OECD: New Study on Business Innovation Policies in Selected Countries....	6
World Bank Says Top Research Universities Not for All.....	9
Nordic Ministers for Education and Research Met to Discuss Common Education and Research Issues	15
Royal Society: UK Government Needs to Correct its Short Sighted Approach to Nuclear Power	17
Federal R&D Panel Reports with Six Major Recommendations	20
Regierung verkündet Schuldenschnitt für US-amerikanische Hochschulstudenten und -absolventen	25
Boost for Research and Education in Budget Proposal	26
Reorganisation of the Ministry of Science, Innovation and Higher Education	28
Research and Innovation Council Appointed	29
Netherlands Organisation for Scientific Research (NWO) launches three new research themes in line with top sector policy.....	32
Long-Term Investment Paying off: 20 Years of Research on CO2 Capture and Storage	33
Swedish Councils Propose Plan to Improve Research.....	37
Tschechische Wissenschaft muss besser bewertet und finanziert werden ..	38

Innovation

OECD: New Study on Business Innovation Policies in Selected Countries....	6
Gates Tells G20 Innovation is the Key to Development.....	7
Major Patent Pool Opens up Research on Neglected Disease.....	8
Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen.....	10
New Report: Trends and Challenges in Demand-Side Innovation Policies in Europe	13
Creative Research Awards for Transformative Interdisciplinary Ventures	22
Peter Thiel Announces Breakout Labs to Energize Innovation	24
Entstehung einer Nationalen Innovationsagentur (EMBRAPII) in Brasilien ..	26
Holst Centre and Philips Research Celebrate Successful Five Year Collaboration with New Contract.....	32

Cluster

Clusterportrait Toulouse.....	16
New Science and Technology Graduate University in Okinawa	19
Connecticut Legislature Approves Funding for New Jackson Laboratory Research Institute.....	23

Kooperation Wissenschaft-Wirtschaft

Major Patent Pool Opens up Research on Neglected Disease.....	8
Court Endorses Vatican Bank's Rescue of Italian Biomedical Research Center	18
Peter Thiel Announces Breakout Labs to Energize Innovation	24
Netherlands Organisation for Scientific Research (NWO) launches three new research themes in line with top sector policy	32
ICTurkey 2011 International Brokerage Event	39

Wirtschaft und Märkte

Opening the World for Small and Medium Sized Enterprises to Enhance EU Growth	9
Rumänien setzt mit Donauraumgipfel und Wirtschaftsforum Impulse für die Umsetzungsphase der EU-Donauraumstrategie.....	36

Förderung

EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm.....	12
Exzellenzinitiativen für innovative Ausbildungsgänge	17
Federal R&D Panel Reports with Six Major Recommendations	20
Creative Research Awards for Transformative Interdisciplinary Ventures....	22
Peter Thiel Announces Breakout Labs to Energize Innovation.....	24
Entstehung einer Nationalen Innovationsagentur (EMBRAPII) in Brasilien ..	26
The Danish National Research Foundation Invests 585 Million DKK in 11 new Centers of Excellence	27
Tapio Lokki and Mikko Salo Receive 2011 Academy of Finland Awards	28
New European Economic Area (EEA) Agreement Signed with Hungary.....	34
Österreich startet große Herbst-Ausschreibungsrunde.....	36
Tschechische Wissenschaft muss besser bewertet und finanziert werden ..	38

Indikatorik

Turkey's R&D Activities Survey 2010 Results Are Announced.....	39
--	----

Internationalisierung

OECD Global Science Forum zu Gast in Berlin	6
Gates Tells G20 Innovation is the Key to Development.....	7

Opening the World for Small and Medium Sized Enterprises to Enhance EU Growth	9
EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm.....	12
Nordic Cooperation Strengthens Growth in the Baltic Sea Region	13
Nordic Council Demands Climate Back on the Agenda	14
Nordic Ministers for Education and Research Met to Discuss Common Education and Research Issues	15
New Science and Technology Graduate University in Okinawa	19
Expertengremium erarbeitet neue kanadische Bildungsstrategie	21
India-US Higher Education Summit Reveals Gaps	31
Programme for the Norwegian Presidency of the Nordic Council of Ministers 2012	33
New European Economic Area (EEA) Agreement Signed with Hungary.....	34
Rumänien setzt mit Donauraumgipfel und Wirtschaftsforum Impulse für die Umsetzungsphase der EU-Donauraumstrategie.....	36
Presentation of Minister Jurzyca on the 36th UNESCO's General Conference	38

OECD: New Study on Business Innovation Policies in Selected Countries

The study is concerned with trends in and key features of policies and programmes used by governments to support innovation in the business sector. In addition to identifying good practices across a range of programme types, it compares business innovation policies across Australia, Canada, Denmark, Finland, Netherlands, Norway and the United Kingdom.

The themes examined in the study include:

- Key trends in business innovation policies.
- Policies to encourage business spending on research and development, and the respective merits and demerits of direct and indirect support measures, such as grants and tax credits.
- The rationales for – and good design features of – a range of additional policies to encourage and facilitate innovation in business. These policies include: financial support for innovative start-ups; innovation hubs and centres of excellence; technology-related networks; and technology incubators.
- A review and assessment of policies to stimulate demand for innovation and facilitate commercialisation of innovative ideas, whether through innovation-oriented regulations, standards or public procurement.
- Methodological approaches and metrics to evaluate policies to foster innovation in business.

The study also makes observations on policy mix issues. In this and a number of other sections, there is a particular focus on Canada.

Quelle

→ http://www.oecd.org/document/51/0,3746,en_2649_33703_48870771_1_1_1_1,00.html

Download

Free online access to the full text (browse only)

→ http://www.keepeek.com/Digital-Asset-Management/oecd/science-and-technology/business-innovation-policies_9789264115668-en

Weitere Informationen

The OECD Innovation Strategy

→ http://www.oecd.org/document/34/0,3746,en_41462537_41454856_41471586_1_1_1_1,00.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus OECD

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

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Schlagworte

Rahmenbedingungen, Innovation

OECD Global Science Forum zu Gast in Berlin

Auf Einladung des Bundesministeriums für Bildung und Forschung (BMBF) hielt das OECD Global Science Forum seine 25. Sitzung in Berlin ab. Das Forum publiziert seit 1992 regelmäßig Studien zur Wissenschafts- und Forschungspolitik sowie Bestandsaufnahmen von größeren Wissenschaftsgebieten.

Delegierte aus 25 OECD-Mitgliedsländern kamen am 27. und 28. Oktober 2011 im Meistersaal am Potsdamer Platz in Berlin zusammen. Zusätzlich nahmen Vertreter aus Südafrika teil, das einen Beobachterstatus im Global Science Forum hat.

Ein wichtiges Ergebnis der Berliner Sitzung war die Annahme des Abschlussberichts zur Durchführung internationaler klinischer Studien. Das BMBF hatte diese Aktivität Ende 2009 angestoßen. Hintergrund ist, dass die weltweite Einführung

verschiedener nationaler Regulierungen die Durchführung von internationalen klinischen Studien für akademische Institutionen zunehmend erschwert hatte.

Der Abschlussbericht wird in Kürze von der OECD veröffentlicht. Darin fordert die internationale Expertengruppe unter deutsch-spanischer Führung die Erleichterung und Harmonisierung nicht-kommerzieller klinischer Forschung, die Einführung abgestufter Risikoklassen bei klinischen Studien, eine besser abgestimmte Fortbildung des medizinischen Personals und eine verstärkte Einbindung von Patienteninteressen. Die Forderungen der Expertengruppe sollen im kommenden Jahr in entsprechende OECD-Empfehlungen überführt werden. Geplant ist eine Annahme der Empfehlungen durch das höchste Gremium der OECD, den Rat. Zwar entfalten Rats-Empfehlungen keine rechtlich bindende Wirkung für die OECD-Mitgliedsländer. Sie reflektieren aber eine hochrangige politische Unterstützung und erleichtern damit die Umsetzung der Empfehlungen in den OECD-Mitgliedsländern.

Darüber hinaus beschloss das Global Science Forum in Berlin die Durchführung neuer Studien zu internationalen wissenschaftspolitischen Fragestellungen. Auf japanischen Vorschlag hin soll eine internationale Expertengruppe bis 2013 die forschungspolitische Zusammenarbeit zwischen Industrie- und Entwicklungsländern im Bereich von Biodiversität und der Anpassung an den Klimawandel untersuchen. Andere künftige Projekte sollen die Modellierung natürlicher und menschengemachter globaler Risiken verbessern helfen und den sozioökonomischen Nutzen naturwissenschaftlicher Grundlagenforschung analysieren.

Quelle

Internationales Büro des BMBF

Weitere Informationen

OECD Global Science Forum

→ <http://www.oecd.org/sti/gsf>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus OECD

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

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Schlagworte

Lebenswissenschaften, Internationalisierung



Gates Tells G20 Innovation is the Key to Development

Bill Gates has called on world leaders to invest more in innovation for development, describing innovation as the "most powerful force for change in the world".

"Innovation fundamentally shifts the trajectory of development," Gates, founder of the computing corporation Microsoft and co-chair of the Bill & Melinda Gates Foundation, told the summit of the Group of 20 major advanced and emerging economies (G20) in France (3 November).

Gates' report, "Innovation with Impact: Financing 21st Century Development", delivered to G20 leaders, was prepared at the request of Nicolas Sarkozy, the French president, with the aim of suggesting creative ways to find more money for development aid. Gates said that, despite some successes, "innovation has not played as big a role in development as it could have". In particular, he said, the G20 should identify the "highest priority innovations for development".

Gates noted in his report that the capacity to innovate is spreading beyond the richest so that the "binary model of the developed world on one hand and the developing world on another has become irrelevant".

Gates urged the G20 to work together to forge, and "devote significantly more funds" to, triangular partnerships – made up of traditional donors, rapidly growing countries, and poor countries. In the long run, he said, these provide a model for how to deploy the world's combined resources to benefit the poorest.

In a communiqué issued at the end of the summit the G20 agreed to "encourage triangular partnerships to drive priority innovations forward". It also said it would launch a platform for tropical agriculture "to enhance capacity-building and knowledge-sharing to improve agricultural production and productivity".

Quelle

→ <http://www.scidev.net/en/science-and-innovation-policy/innovation-policy/news/gates-tells-g20-innovation-is-the-key-to-development.html>

Download

Innovation With Impact: Financing 21st Century Development - A report by Bill Gates to G20 leaders, Cannes Summit, November 2011 (full text)

→ <http://www.thegatesnotes.com/~media/Images/GatesNotes/G20/G20-Documents/g20-report-english.pdf>

Weitere Informationen

G20 Cannes Summit: declarations and reports

→ <http://www.g20-g8.com/g8-g20/g20/english/the-2011-summit/declarations-and-reports/g20-cannes-summit-declarations-and-reports.1553.html>

French Presidency of the G20 and the summit website

→ <http://www.g20-g8.com/g8-g20/g20/english/home.9.html>

The Bill & Melinda Gates Foundation

→ <http://www.gatesfoundation.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus G8 / G20

→ <http://www.kooperation-international.de/g8>

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Schlagworte

Innovation, Internationalisierung



Major Patent Pool Opens up Research on Neglected Disease

Research on drug development for neglected tropical diseases (NTDs), tuberculosis and malaria will receive a boost from a major initiative launched by the World Intellectual Property Organization (WIPO) last month (26 October).

“Re:Search” will provide free access to research on medicines, vaccines and diagnostics, based on patents and research held by a consortium of eight major global pharmaceutical companies, the US National Institutes of Health and other organisations. But only the 49 least developed countries will be able to get a free licence to develop products based on the initiative, a limitation which has been criticised by key organisations in the field such as the Drugs for Neglected Diseases Initiative (DNDi) and the aid organisation Doctors Without Borders.

If scientists get to the stage of commercialising a new product with information derived from the database then licences will be available free of charge for the least developed countries, and for other developing countries the costs will be negotiated, Francis Gurry, director-general of WIPO, said.

The database will include research results and patents on thousands of compounds from pharmaceutical companies. Companies are willing to allow access to their patents in the least developed countries because they see large development costs but only a small commercial market, according to Molly Polen, spokesperson for BIO Ventures for Global Health (BVGH), a non-profit organisation that will work with Re:Search to provide a “partnership hub” and supporting activities for researchers and patent providers.

The DNDi, a public-private partnership based in Switzerland, has also joined the initiative, but warned that it did not go far enough. The UN lists 49 countries as “least developed” while, according to the WHO, NTDs occur in some 149 nations.

Quelle

→ <http://www.scidev.net/en/health/neglected-diseases/news/major-patent-pool-opens-up-research-on-neglected-disease-1.html>

Download

WIPO Re:Search Sharing Innovation in the Fight against Neglected Tropical Diseases guiding principles

→ http://www.wipo.int/export/sites/www/meetings/en/2011/wipo_gc_inn_ge_11/docs/wipo_re_search_guiding_principles.pdf

Weitere Informationen

Re:Search

→ <http://www.wipo.int/research/en/>

World Intellectual Property Organization (WIPO)

→ <http://www.wipo.int>

Drugs for Neglected Diseases Initiative (DNDi)

→ <http://www.dndi.org/>

Ventures for Global Health (BVGH)

→ <http://www.bvgh.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

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Schlagworte

Lebenswissenschaften, Innovation, Kooperation Wissenschaft- Wirtschaft



Quelle

→ <http://www.scidev.net/en/science-and-innovation-policy/education/news/world-bank-says-top-research-universities-not-for-all.html>

Download

The Road to Academic Excellence: The Making of World-Class Research Universities

→ http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2011/09/28/000333038_20110928021346/Rendered/PDF/646680PUB0acad00Box361543B00PUBLIC0.pdf

Weitere Informationen

World Bank

→ <http://www.worldbank.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

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Schlagworte

Hochschulen, Rahmenbedingungen



World Bank Says Top Research Universities Not for All

Developing countries should only establish world-class research universities once they have a good tertiary education system in place, says the World Bank report “Academic Excellence: The Making of World-Class Research Universities” published last month (6 October). The report examined the experience of 11 leading public and private research universities in nine countries in Africa, Asia, Latin America and Eastern Europe.

The top performers shared three key factors, it found. These were: high concentration of talented academics and students, abundant resources and strategic vision and leadership. The political and economic circumstances are also important, the report says.

According to the report, world-class universities thrive in environments that foster competitiveness, unrestrained scientific enquiry and academic freedom, critical thinking, innovation, and creativity. They also attract the best national and international students and staff, encouraging brain gain, the report says.

EU / Europa

Opening the World for Small and Medium Sized Enterprises to Enhance EU Growth

European small and medium sized enterprises (SMEs) should better profit from fast growing emerging markets, such as in China, India, Russia or in regions like South East Asia and Latin America. This is the key issue to overcome the crisis addressed in the European Commission communication “Small Business, Big World - a new partnership to help SMEs seize global opportunities” presented on 9 November.

Only 13 % of EU SMEs are internationally active outside the EU through trade, investment or other forms of cooperation with foreign partners. Therefore, the

Commission is working to establish a more coherent and effective EU strategy for supporting SMEs in international markets. This could be achieved by reinforcing business support services, improving the coordination and use of existing resources including the Enterprise Europe Network. Thus SMEs have better access to more relevant information and assistance in their attempts to penetrate new markets and search for the right local partners.

European Commission Vice-President Antonio Tajani, Commissioner for Industry and Entrepreneurship, said: "Major non-EU markets with strong growth rates represent significant opportunities for EU small enterprises. SMEs are Europe's main economic strength. To help them better exploit their potential in the global arena is a clear priority to boost competitiveness and create employment."

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1318&format=HTML&aged=0&language=EN&guiLanguage=en>

Weitere Informationen

MEMO/11/765: Small Business, Big World a new partnership to help SMEs seize global opportunities

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/11/765&format=HTML&aged=0&language=EN&guiLanguage=en>

European Commission > Enterprises and Industry > Small and medium-sized enterprises (SMEs) – Promoting international activities of SME

→ http://ec.europa.eu/enterprise/policies/sme/market-access/internationalisation/index_en.htm

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagworte

Wirtschaft und Märkte, Internationalisierung



Alter als Chance: Europäische Innovationspartnerschaft einigt sich auf neue Maßnahmen

Am 7. November einigte sich die Lenkungsgruppe der Europäischen Innovationspartnerschaft für Aktivität und Gesundheit im Alter auf gemeinsame Maßnahmen im Zuge des gesellschaftlichen Wandels durch eine alternde Bevölkerung in Europa. Die Pilotgruppe besteht aus Vertretern des Gesundheitswesens und des sozialen Bereichs, aus Unternehmen, der Zivilgesellschaft und Behörden.

Im strategischen Durchführungsplan hat die Gruppe vorrangige Maßnahmen dargelegt, mit denen auf die Herausforderung des Alterns mit Innovation reagiert werden soll. Übergeordnetes Ziel ist dabei zu gewährleisten, dass die EU-Bürgerinnen und -Bürger bis 2020 im Durchschnitt zwei Jahre länger aktiv und gesund leben können. Der Durchführungsplan ist der erste Schritt in Richtung auf dieses Ziel. Er konzentriert sich auf drei Hauptbereiche: Vorbeugung, Versorgung und Behandlung sowie unabhängiges Leben.

Es wurden fünf Einzelmaßnahmen festgelegt, die im nächsten Jahr eingeleitet werden sollen:

- innovative Wege, um dafür zu sorgen, dass Patienten die ihnen verschriebenen Arzneimittel auch einnehmen – eine konzertierte Aktion in mindestens 30 europäischen Regionen,
- innovative Lösungen, um bei älteren Menschen Stürzen vorzubeugen und Frühdiagnosen zu fördern,
- Zusammenarbeit, um altersbedingten funktionellen Defiziten und Gebrechlichkeit vorzubeugen, unter besonderer Berücksichtigung von Mangelernährung,
- Verbreitung und Förderung erfolgreicher innovativer Modelle für die integrierte Versorgung älterer Menschen, die unter chronischen Erkrankungen leiden, beispielsweise durch Fernüberwachung. Die Maßnahmen sollen in einer ganzen Reihe von EU-Regionen getroffen werden,

- Verbesserung der Übernahme von miteinander kompatiblen IKT-Lösungen für unabhängiges Leben durch globale Standards, damit ältere Menschen länger unabhängig, mobil und aktiv bleiben können.

Darüber hinaus werden die Vernetzung und der Know-how-Transfer zum Thema Innovation für altersgerechte Gebäude, Städte und Umgebungen fortgesetzt.

Die Lenkungsgruppe ruft die Europäische Kommission dazu auf, Hindernisse für die Innovation im Bereich Aktivität und Gesundheit im Alter abzubauen und für einen wirksameren Einsatz der EU-Fördermittel zu sorgen.

Die für die Digitale Agenda zuständige Vizepräsidentin der Europäischen Kommission Neelie Kroes, der für Gesundheit und Verbraucherpolitik zuständige Kommissar John Dalli und die für Forschung, Innovation und Wissenschaft zuständige Kommissarin Máire Geoghegan-Quinn teilen sich die Federführung der Partnerschaft.

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1309&format=HTML&aged=0&language=DE&guiLanguage=en>

Weitere Informationen

Europäische Innovationspartnerschaft für Aktivität und Gesundheit im Alter

→ http://ec.europa.eu/research/innovation-union/index_en.cfm?section=active-healthy-ageing

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagnworte

Schlüsseltechnologien, Lebenswissenschaften, Demografischer Wandel, Innovation



EU kündigt neue Unterstützung für die Bildungsförderung in Entwicklungsländern an

Am 8. November hat die EU neue Mittel für die Globale Partnerschaft für Bildung zugesagt, um die grundlegende Schulbildung in mehr als 46 Entwicklungsländern zu verbessern. Diese zusätzliche Unterstützung wurde auf einer Konferenz in Kopenhagen zugesagt, zu der mehr als 200 Teilnehmer aus über 40 Ländern erwartet wurden. Sie wurde von der Globalen Partnerschaft für Bildung (Global Partnership for Education – GPE) organisiert, um mehr Ressourcen und politisches Engagement für die Unterstützung der Initiative „Bildung für alle“ in Entwicklungsländern zu mobilisieren.

Die Globale Partnerschaft für Bildung arbeitet darauf hin, 67 Millionen Kinder, die derzeit in Entwicklungsländern keine Schule besuchen, auf die Schulbank zu bringen und ihnen eine gute Schulbildung zu vermitteln. Durch die neue Zusage der EU werden zwischen 2011 und 2013 insgesamt 31,8 Millionen Euro in den Fonds der Globalen Partnerschaft für Bildung fließen.

Die Priorität, die die Kommission der Bildung einräumt, spiegelt sich in dem Umfang der Unterstützung für diesen Bereich im Rahmen des laufenden Programmierungszyklus (2007/08-2013) wider.

Für die Bildung werden in 46 Ländern insgesamt 3,9 Milliarden Euro zur Verfügung gestellt:

- 2,2 Milliarden Euro für die Primar- und Sekundarschulbildung,
- 0,5 Milliarden Euro für die technische und berufliche Bildung,
- 1,2 Milliarden Euro für die Programme der EU zur Förderung der Zusammenarbeit mit Entwicklungsländern im Hochschulbereich.

Zusätzlich zu der direkten Bildungsförderung leistet die Europäische Kommission auch einen beträchtlichen Beitrag über allgemeine Budgethilfe für einzelne Länder, von denen viele eine GPE-Empfehlung erhalten haben. Für allgemeine Budgethilfe werden insgesamt 3,4 Milliarden Euro (2007/08-2013) bereitgestellt, davon gehen 2,3 Milliarden Euro an Länder mit GPE-Empfehlung.

Von den 46 Ländern, die die Kommission unterstützt, sind 17 fragile oder von Konflikten betroffene Staaten. In diese fließen 900 Millionen Euro (bzw. 33 % der Mittel, die für die grundlegende Schulbildung und die technische und berufliche Bildung bereitgestellt werden).

Die Kommission hat vor Kurzem neue Mittel für Sudan, Südsudan (jeweils 12 Millionen Euro) und Somalia (30 Millionen Euro zusätzlich zu einer früheren Mittelzuweisung in Höhe von 55 Millionen Euro) bereitgestellt.

Die Globale Partnerschaft für Bildung wurde 2002 ins Leben gerufen. Ihr haben sich 46 Entwicklungsländer sowie mehr als 30 bilaterale, regionale und internationale Agenturen, Entwicklungsbanken, Organisationen des Privatsektors, Lehrer sowie lokale und weltweit agierende Gruppen der Zivilgesellschaft angeschlossen. In den kommenden Jahren werden voraussichtlich 15 weitere Entwicklungsländer der Partnerschaft beitreten. Der Fonds der Globalen Partnerschaft für Bildung hat zwischen 2004 und 2010 finanzielle Hilfe in Höhe von insgesamt US\$ 2,2 Milliarden zur Verfügung gestellt.

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1312&format=HTML&aged=0&language=DE&guiLanguage=en>

Weitere Informationen

Global Partnership for Education (GPE)

→ <http://www.educationfasttrack.org/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagnote

Bildung, Berufliche Bildung



EU und Brasilien vertiefen Beziehungen durch gemeinsames IKT-Feldforschungsprogramm

Die Europäische Kommission und die brasilianische Regierung haben auf ihrer jährlichen Tagung in Brasilia im Rahmen des Dialogs über Informations- und Kommunikationstechnologien (IKT) vereinbart, eine neue koordinierte Aufforderung zur Einreichung von Vorschlägen für Forschungs- und Entwicklungsprojekte im Bereich IKT zu veröffentlichen, für die Mittel in Höhe von 10 Millionen Euro bereitgestellt werden.

Diese Aufforderung zur Einreichung von Vorschlägen wird es Forschern und Unternehmen in beiden Regionen ermöglichen, ihre Arbeit auf Gebiete wie „Cloud Computing“ für die Wissenschaft, nachhaltige Technologien für „intelligente“ Städte, „intelligente“ Plattformen für eine „intelligentere“ Gesellschaft sowie HbbTV-Anwendungen und -Dienste (Rundfunk-Breitband-Verbund-Fernsehen) auszudehnen. Ferner haben die Kommission und die brasilianischen Behörden einen Erfahrungs- und Informationsaustausch über politische und rechtliche Aspekte der Informations- und Kommunikationstechnologien vereinbart, z. B. Entwicklung der Breitbandtechnik, Regulierung und Sicherheit des Internets, Cloud Computing sowie Digitalrundfunk und zugehörige Inhalte.

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1316&format=HTML&aged=0&language=DE&guiLanguage=en>

Weitere Informationen

Digitalen Agenda

→ <http://ec.europa.eu/digital-agenda>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagworte

Schlüsseltechnologien, Kommunikation, Förderung, Internationalisierung



New Report: Trends and Challenges in Demand-Side Innovation Policies in Europe

Demand-side innovation policies are important policy instruments aiming to increase the demand for innovations, to improve the conditions for the uptake of innovations or to improve the articulation of demand. Their potential is widely recognised and actively promoted.

The report aims:

- to identify the trends in the deployment of demand-side innovation policy at national level in the EU Member States during the period mid-2009 to mid-2011;
- to give an overview on recently introduced demand-side innovation policy measures and to ascertain if there are any observable patterns;
- to provide insights into how demand-side measures are being implemented;
- to analyse governance practices for coordinating between demand-side and supply-side measures.

Quelle

→ http://ec.europa.eu/enterprise/newsroom/cf/itemlongdetail.cfm?lang=en&item_id=5532&tpa=0&displayType=library

Download

Trends and Challenges in Demand-Side Innovation Policies in Europe

→ http://ec.europa.eu/enterprise/newsroom/cf/_getdocument.cfm?doc_id=7011

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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



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Schlagworte

Innovation



Nordic Cooperation Strengthens Growth in the Baltic Sea Region

The Nordic Council of Ministers focuses on bioenergy and new targets for the EU Baltic Sea strategy at the BDF Summit 2011. Nordic activities at this year's Baltic Development Forum follow up on the conference "Green Growth in the Baltic Sea Region" from May 2011.

Nordic cooperation is a crucial aspect of overall Baltic cooperation and the Nordic Council of Ministers (NCM) is lead partner in the EU Strategy for the Baltic Sea Region.

At this year's Baltic Development Forum (BDF) Summit, the NCM will contribute to the discussion about setting more concrete targets for the EU Baltic Sea strategy and also hosts a special parallel session on bioenergy.

In May 2011, the NCM hosted the conference "Green Growth in the Baltic Sea Region" in Riga along with the Baltic Development Forum and the European Commission, and NCM activities at the BDF Summit this year follow up on this event and its focus on reducing the dependency on fossil fuels.

Also representatives of NCMs network in the Baltic Sea Region participates in the BDF Summit: Kaliningrad, Saint Petersburg and Tallinn offices, as well as the Nordic research institution, NordForsk.

The Nordic Council of Ministers is a strategic partner of the Baltic Development Forum and also is strongly involved in a centerpiece at the Summit, namely the

State of the Region report, taking the temperature on developments in the Baltic Sea region.

The NCM stand will serve as venue for a number of exciting debates related to the BDF Summit 2011 programme.

Activities include discussions by Christian Ketels, Harvard Business School, on the State of the Region report and by Graham Cope, European Investment Fund, on the Nordic Innovation Fund.

BDF Chair Uffe Ellemann og Gustav Melin, CEO of Swedish Bioenergy Association and President of European Biomass Association, discuss the future of bio-energy. And NCM Secretary General Haldór Ásgrímsson and Ambassador Raul Mälik, Estonia's Special envoy for the Baltic Sea Region, discuss the future of Baltic Sea cooperation

Finally, Nordforsk Director Gunnel Gustafsson and Professor Sverker Holmgren, the NCM e-science initiative, discuss the developments within e-science and its potential for the Baltic Sea Region.

Quelle

→ <http://www.norden.org/en/news-and-events/news/nordic-cooperation-strengthens-growth-in-the-baltic-sea-region>

Weitere Informationen

The Baltic Sea Region Programme 2007-2013

→ <http://eu.baltic.net/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagworte

Energie, Internationalisierung



Nordic Council Demands Climate Back on the Agenda

The prime ministers must take a greater responsibility for the climate and the finance ministers must calculate climate matters into all budget considerations. This will bring the Nordic Region back in the lead when it comes to international climate policies, according to the Nordic Council. The Council also proposes setting up an international fund for technology development in climate issues.

The Nordic Council criticises the fact that climate policy is still not given high enough priority coming up to the UN's next climate summit, COP17, in South Africa. And, in agreement with a number of independent experts, the Council believes that the Nordic countries can actually make a difference for the climate and the environment.

"If the Nordic prime ministers consistently integrated climate issues in international negotiations and if the Nordic ministers of finance took climate issues into all budget considerations, we, here in the Nordic Region, could show the way forward towards better solutions for the world's climate and energy problems", says Jan Lindholm (the Green party - Sweden) from the Nordic Council's Environment Committee.

Climate, environment and energy questions infiltrate all aspects of the modern welfare state and the Nordic Region can therefore contribute with both know-how and the development of ideas when it comes to finding solutions in these areas", the Committee believes. Solutions, take note, that must be sustainable for industry and the business community.

"The prime ministers talk about green growth, but it is not enough just to make a technological fix. We must have structural changes and economic incentives that seriously boost development. And we must get out into the world and offer our suggestions on how the climate crisis can be dealt with from a holistic approach, and not just a series of quick fixes", added Lindholm.

At the Nordic Council's annual summit, which took place in Copenhagen 1-3 November, the Council adopted a number of recommendations for the Nordic governments and the Nordic Council of Ministers.

There is a desire to strengthen the role of the ministers of finance in climate work in the individual countries and upgrade the role of the prime ministers and foreign ministers as ambassadors for Nordic inspired climate solutions in international forums.

The Nordic countries should also lead the way by establishing an international fund along the lines of Norway's Energy+ initiative, which will finance the development of new technology and promote innovation in climate matters. And finally, the Nordic Region can also make a difference by promoting the communication of possible solutions for developing countries for their energy and climate problems.

The Nordic Council further calls on the Nordic Council of Ministers to highlight the political instruments, that up to now, have been most effective in reducing emissions of climate gases and, in particular, elucidate the prerequisites for closer co-operation around the so-called "climate bubble" of countries which can go first and show the way in the UN.

Quelle

→ <http://www.norden.org/en/news-and-events/news/nordic-council-demands-climate-back-on-the-agenda>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagworte

Umwelt, Internationalisierung



Nordic Ministers for Education and Research Met to Discuss Common Education and Research Issues

“There are great perspectives in cross-Nordic cooperation within education and research. Our countries have many similar challenges and can benefit from each other's initiatives and solution models. We also want to brand the region as an important global player within education and research,” says Danish Higher Education Minister Morten Østergaard.

In the past six months, a working group has looked at the content and organisation of future Nordic cooperation within research and innovation. The former Norwegian education and research minister, Kristin Clement, presented the group's preliminary recommendations to the ministers.

The recommendations focus especially on the increased value the Nordic countries could achieve through cooperation on research infrastructure. This could include bio banks and register-based research, which could strengthen the Nordic brand globally and make the region an important international player in research areas where the Nordics already excel.

Demographic changes with an increased elderly population require new solutions. The Nordic ministers were therefore very interested in a Norwegian presentation on these challenges faced by the Nordic welfare education system – for example within the social and health sciences. Education must adapt to new requirements and there must be cross-profession cooperation to solve challenges in the most effective manner.

Minister Morten Østergaard stressed that better collaboration between public and private stakeholders in the welfare field could contribute to new innovative solutions. There is a need to attach more prestige to welfare education so that it attracts more students, to better connect graduate programmes and possibly extend internship programmes across Nordic countries.

Quelle

→ <http://en.fivu.dk/press/2011/nordic-cooperation-with-perspective>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagworte

Rahmenbedingungen, Internationalisierung



Frankreich

Clusterportrait Toulouse

Die französische Stadt Toulouse hat eine lange Tradition in der Luftfahrtindustrie und ist Hauptsitz des europäischen Flugzeughersteller Airbus. Sie liegt im Süden Frankreichs an der Garonne und ist Hauptstadt der zweitgrößten französischen Region Midi-Pyrénées. Der Großraum Toulouse hat 1,1 Millionen Einwohner, in der Stadt selbst leben 440.000 Menschen (2008).

Im Rahmen des 2004 von der französischen Regierung initiierten ressortübergreifenden, gleichnamigen Programms sind im Clustergebiet Toulouse drei Pôles de compétitivité ausgezeichnet worden. Das Aerospace Valley fördert die Sektoren Luft- und Raumfahrt sowie verwandte Technologien in den Regionen Midi-Pyrénées und Aquitanien. Hierbei handelt es sich um ein international ausgerichtetes Kompetenzzentrum ("Pôles mondiaux"). Die beiden anderen Exzellenzcluster, Agrimip Innovation für Landwirtschaft und Nahrungsmittelindustrie sowie Cancer-Bio-Santé für Gesundheit, Biotechnologie und Krebsforschung, haben keine explizit internationale Ausrichtung – sie haben den Status autres pôles (dt.: andere Pole). Viele der beteiligten Akteure sind global vernetzt und binden internationale Partner auf diese Weise in die Kompetenzzentren ein.

Das Clusterportrait Toulouse erweitert seit Ende Oktober das Informationsangebot über leistungsstarke internationale Cluster auf dem Clusterportal von Kooperation international. Damit stehen auf Kooperation international nun 39 ausführliche Clusterportraits aus 24 Ländern zur Verfügung.

Die beiden anderen Exzellenzcluster, Agrimip Innovation für Landwirtschaft und Nahrungsmittelindustrie sowie Cancer-Bio-Santé für Gesundheit, Biotechnologie und Krebsforschung, haben keine explizit internationale Ausrichtung – sie haben den Status autres pôles (dt.: andere Pole). Viele der beteiligten Akteure sind global vernetzt und binden internationale Partner auf diese Weise in die Kompetenzzentren ein.



Quelle

→ <http://www.kooperation-international.de/frankreich/themes/nc/info/detail/data/56983/>

Weitere Informationen

Ausführliches Clusterportrait Toulouse bei Kooperations international

→ <http://www.kooperation-international.de/frankreich/themes/international/clusterlist/cluster-toulouse/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

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

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Schlagworte

Cluster



Exzellenzinitiativen für innovative Ausbildungsgänge

Im Rahmen des Programms Zukunftsinvestitionen hat die Agence Nationale de la Recherche (ANR) am 1.11.2011 eine Projektausschreibung veröffentlicht, die die Förderung einer begrenzten Anzahl ehrgeiziger innovativer Ausbildungsgänge im Hochschulbereich „Initiatives d'excellence en formations innovantes" (IDEFI) zum Gegenstand hat. Dadurch soll die Dynamik der "Zukunftsinvestitionen" für den Hochschulsektor ergänzt werden.

Die von der Projektausschreibung erwarteten Innovationen liegen auf der Ebene u. a. der Attraktivität (einschließlich der internationalen) für die Studierenden sowie ihrer künftigen Berufsfähigkeit, ihrer Multidisziplinarität, das Ineinandergreifen der wissenschaftlichen Komponenten der vorzuschlagenden Ausbildungsgänge und ihrer Verbindung mit der Forschung und der von ihnen ins Werk zu setzenden Partnerschaften. Die vorgesehenen Demonstrationsprojekte sollen exemplarische Bedeutung für das französische Hochschulsystem insgesamt haben. Hierfür steht ein Fördervolumen von 150 Millionen Euro zur Verfügung.

Eine Förderung von 20 Projekten für die Dauer mehrerer Jahre ist vorgesehen. Die Projektausschreibung wendet sich an alle Einrichtungen des Hochschulwesens (Universitäten, Grandes Ecoles und Ecoles). Die Projektvorschläge müssen bis zum 19.12.2011 bei der ANR eingereicht werden.

Quelle

→ <http://www.kooperation-international.de/frankreich/themes/nc/info/detail/data/57389>

Download

ANR-Ausschreibung (IDEFI)

→ <http://www.agence-nationale-recherche.fr/investissementsdavenir/documents/2011/ANR-AAP-IDEFI.pdf>

Weitere Informationen

Investissements d'avenir

→ <http://www.investissement-avenir.gouvernement.fr/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

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Schlagworte

Hochschulen, Förderung



Großbritannien

Royal Society: UK Government Needs to Correct its Short Sighted Approach to Nuclear Power

The UK government urgently needs to establish a long-term strategy for its planned programme of new nuclear power, according to a major new report issued by the Royal Society. The report highlights the fact that despite the government's commitment to nuclear power in the UK, there is still a short sighted approach to planning and research.

The government needs to make this strategic judgement now, to avoid repeating the mistakes of the past and burdening future generations with a legacy of spent nuclear fuel. It is also essential that the UK's new nuclear power programme takes into account the UK's civil stockpile of plutonium, which is the largest in the world.

Speaking at the Royal Society, where he confirmed the government's commitment to new nuclear power, Energy Secretary Chris Huhne said: "This government is determined not to pay for the present by mortgaging the future. We are determined to do the right thing for the long term."

Roger Cashmore FRS, Chair of the Royal Society working group and Head of the United Kingdom Atomic Energy Authority (UKAEA), said: "The last time any UK government articulated a coherent long term plan for nuclear power was in 1955. We need to ensure that government and industry work together now to develop a long-term, holistic strategy for nuclear power in the UK. This must

encompass the entire nuclear fuel cycle, from fresh fuel manufacture to disposal. Indeed, spent fuel can no longer be an afterthought and governments worldwide need to face up to this issue.”

The Royal Society's report, which provides a comprehensive examination of the risks and relationships presented by current global and national developments in nuclear power, also recommends that:

- The ultimate priorities of any civil nuclear power programme should be not just safety, but also security and non-proliferation. These three aspects cannot be considered in isolation from each other and must be at the heart of all nuclear power. Fukushima has shown that we cannot be complacent about nuclear safety; the same attitude needs to apply to security and non-proliferation.
- The nuclear industry needs to step up and take responsibility for nuclear security. UK site licensing conditions need to explicitly address security and safety matters in an integrated way.
- Global nuclear regulation for security and non-proliferation is fifty years out of date and needs to address the changing geography of nuclear power as well as a fully multinationalised nuclear industry.

Quelle

→ <http://royalsociety.org/news/UK-Government-needs-to-correct-its-short-sighted-approach-to-nuclear-power/>

Download

Fuel cycle stewardship in a nuclear renaissance (full text)

→ http://royalsociety.org/uploadedFiles/Royal_Society_Content/policy/projects/nuclear-non-proliferation/FuelCycleStewardshipNuclearRenaissance.pdf

Weitere Informationen

Fuel cycle stewardship in a nuclear renaissance (website)

→ <http://royalsociety.org/policy/projects/nuclear-non-proliferation/report/>

The future role of nuclear power in the UK's long term energy policy – speech given at the launch of Royal Society science policy report (video)

→ <http://royalsociety.tv/rsExternalPlayer.aspx?presentationid=1006>

Royal Society

→ <http://www.royalsociety.org/>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

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Schlagworte

Energie, Rahmenbedingungen



Italien

Court Endorses Vatican Bank's Rescue of Italian Biomedical Research Center

Marta Paterlini reports for *ScienceInsider*, that “one of Italy's most prestigious private biomedical research centers may have gained a new lease on life. On Friday, 28 October, an Italian bankruptcy court gave the green light to an offer made by the Institute for Works of Religion, more commonly known as the Vatican Bank, and Italian entrepreneur Victor Malacalza to rescue the deeply in debt San Raffaele del Monte Tabor Foundation, which runs a clinical research hospital, an internationally respected basic science institute, and more at a research park in Milan. Officials hope the bankruptcy court's endorsement of the plan, in which the Vatican and Malacalza would take over €500 million of debt and invest a further €250 million, will persuade funding bodies to resume now-frozen payments and stem a potential exodus of scientists.”

According to Paterlini “the San Raffaele Institute and Hospital are the research centerpieces of a major biomedical science park masterminded by priest Luigi Verzé, who formally remains chair of the San Raffaele del Monte Tabor Foundation. [...] The Vatican and Malacalza have not made any public statements about why they are interested in rescuing the biomedical center, nor have they issued comments about any new directions planned once they are in charge. With the

favorable review from the bankruptcy court, San Raffaele's [scientific director Maria Grazia] Roncarolo is hopeful that new money from the ERC, and other funding agencies, will soon flow again to Milan"

Quelle

→ <http://news.sciencemag.org/scienceinsider/2011/10/court-endorses-vatican-banks-rescue.html>

Weitere Informationen

San Raffaele del Monte Tabor Foundation

→ http://www.sanraffaele.org/EN_home/index.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Italien

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

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Schlagworte

Lebenswissenschaften, Kooperation Wissenschaft- Wirtschaft



Japan

New Science and Technology Graduate University in Okinawa

Following the approval by the Minister of Education, Culture, Sports, Science and Technology (MEXT) of the establishment of Okinawa Institute of Science and Technology (OIST) both as the School Corporation and the OIST Graduate University, the Japanese Government led by Prime Minister Yoshihiko Noda approved that the Okinawa Institute of Science and Technology School Corporation Act will enter into effect. As of 1 November 2011 a new science and technology graduate university (OIST School Corporation) will exist in Okinawa.

At least half of the OIST Graduate University faculty and students will be recruited from outside Japan, and all education and research is conducted entirely in English. About forty-five world-class faculty in the life, physical and environmental sciences have already joined. The absence of academic departments, the strong emphasis on common research tools and the imaginative layout of the research space, provide a natural home for truly inter-disciplinary research. Each year, starting in September 2012, about twenty graduate students, selected from amongst the best available worldwide, will begin their studies at OIST. While the curriculum will provide the students with a strong grounding in their core discipline, courses will also be required to extend their discipline-specific knowledge in ways that promote cross-disciplinary research.

One of the key objectives in creating the OIST Graduate University is to contribute to the promotion and self-sustaining development of Okinawa. The combination of highly imaginative academic minds and sophisticated research infrastructure will generate scientific breakthroughs in diverse areas, which will be the driving force for innovation and technology development on Okinawa.

"OIST with its international and interdisciplinary approach has a capacity to extend the boundaries of science beyond measure at this point of time," commented Torsten Wiesel, Co Chair of the OIST Board of Governors. "We are now engaged in the process of setting up an R&D Cluster on Okinawa to accelerate the transfer of scientific innovation to commercial exploitation."

Quelle

→ <http://www.oist.jp/en/press-room/press-releases/150-2011/1206-new-sci-tech-grad-uni.html>

Weitere Informationen

Okinawa Institute of Science and Technology (OIST)

→ <http://www.oist.jp/en.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Japan

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

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Schlagworte

Hochschulen, Cluster, Internationalisierung



Kanada

Federal R&D Panel Reports with Six Major Recommendations

The expert panel leading the Review of Federal Support to R&D submitted its final report to the Honourable Gary Goodyear, Minister of State for Science and Technology (17 October). It makes a series of recommendations that call for a simplified and more focused approach to the \$ 5 billion worth of R&D funding provided by the federal government every year.

"Government needs to do a better job helping our innovative SMEs grow into larger, world-competitive companies in Canada. Relative to the size of the Canadian economy, government support for business R&D in Canada is among the most generous in the world, yet we're near the bottom of the pack when it comes to seeing business R&D investment," said panel chair Tom Jenkins. "Our report took a hard look at this problem and with valuable input from businesses, scientists, and the academic community. We've come up with some practical solutions."

With a mandate to provide advice on how to enhance federal programming in support of a more innovative economy, the Jenkins panel met with more than 160 stakeholders across Canada, received 228 written submissions, surveyed over 1000 businesses, and consulted with numerous experts in Canada, Europe, Australia, Asia and the United States. The review could neither increase nor decrease overall funding, nor could it touch regulatory research done by federal laboratories or basic research conducted by institutions of higher education.

"What we found was a funding system that is unnecessarily complicated and confusing to navigate," said Jenkins. "There are also significant gaps that hinder the ability of our businesses to grow and that keep Canada from taking full advantage of this country's innovations."

Highlights from the panel's recommendations are:

- The creation of an Industrial Research and Innovation Council (IRIC) to deliver the federal government's business innovation programs: There are currently more than 60 programs across 17 different government departments. The creation of an arms-length funding and delivery agency – the Industrial Research and Innovation Council – would begin to streamline the process as the development of a common application portal and service to help businesses find the right programs for their needs.
- Simplification of the tax credit system used to support small and medium-sized businesses: The current Scientific Research and Experimental Development (SR&ED) program is unnecessarily complicated: many small businesses hire consultants just to submit an application. This discourages eligible businesses from applying and may cost successful small SR&ED recipients a good portion of the credit received. By basing the SR&ED credit solely on labour costs, the panel believes SR&ED will be more effective.
- Make business innovation one of the core objectives of procurement: The federal government spends billions of dollars every year but it ranks low internationally when it comes to using that purchasing power to encourage Canadian innovation. The encouragement of home-grown innovation a part of government procurement is common sense.
- Transform the institutes of the National Research Council into a series of large-scale, collaborative centres involving business, universities and the provinces: The NRC was created during World War I to kick-start Canada's research capacity. It has a long and storied history of discoveries and innovation, including numerous commercial spin-offs. While the NRC continues to do good work, research and commercialization activity in Canada has

grown immensely. In this new context, the NRC can play a unique role, linking its large-scale, long-term research activity with the academic and business communities. The panel recommends evolving NRC institutes, consistent with the current strategic direction, into not-for-profit centres run with stakeholders, and incorporating its public policy research into other departments.

- Help high-growth innovative firms access the risk capital they need through the Business Development Bank of Canada: Innovative Canadian companies face real challenges in getting start-up funding and late stage risk capital financing. In many cases, the gap is filled by foreign investors, which means that too many commercial benefits and intellectual property end up leaving the country. Directing the BDC to work with angel investor groups and develop late-stage risk capital/growth equity funds will pay dividends.
- Establish a clear federal voice for innovation and work with the provinces to improve coordination: Currently, there is a lack of government-wide clarity when it comes to innovation. Responsibility is spread across a number of cabinet portfolios. The Prime Minister should assign responsibility for innovation to a single minister, supported by a whole-of-government Innovation Advisory Committee, evolved from the current Science Technology and Innovation Council (STIC), composed of external stakeholders, who would then work with the provincial and territorial governments to initiate a collaborative dialogue to improve coordination and impact.

Canada's innovation gap has been scrutinized before, but this time the report lays out a clear set of recommendations.

Quellen

- http://rd-review.ca/eic/site/033.nsf/eng/h_00000.html
- http://blogs.nature.com/news/2011/10/panel_would_change_canadas_res.html

Download

Innovation Canada: A call to action – Review of Federal Support to Research and Development – Expert Panel Report (full text)

- [http://rd-review.ca/eic/site/033.nsf/vwapi/R-D_InnovationCanada_Final-eng.pdf/\\$FILE/R-D_InnovationCanada_Final-eng.pdf](http://rd-review.ca/eic/site/033.nsf/vwapi/R-D_InnovationCanada_Final-eng.pdf/$FILE/R-D_InnovationCanada_Final-eng.pdf)

Imagination to Innovation: Building Canadian Paths to Prosperity – State of the Nation 2010 – Canada's Science, Technology and Innovation System

- [http://www.stic-csti.ca/eic/site/stic-csti.nsf/vwapi/10-059_IC_SotN_Rapport_EN_WEB_INTERACTIVE.pdf/\\$FILE/10-059_IC_SotN_Rapport_EN_WEB_INTERACTIVE.pdf](http://www.stic-csti.ca/eic/site/stic-csti.nsf/vwapi/10-059_IC_SotN_Rapport_EN_WEB_INTERACTIVE.pdf/$FILE/10-059_IC_SotN_Rapport_EN_WEB_INTERACTIVE.pdf)

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Council of Canadian Academies (CCA): The State of Science and Technology in Canada

- <http://www.scienceadvice.ca/en/assessments/in-progress/science-tech.aspx>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

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

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Schlagworte

Rahmenbedingungen, Förderung



Expertengremium erarbeitet neue kanadische Bildungsstrategie

Kanada hat einen Expertenrat gegründet, der die kanadische Regierung bei der Entwicklung einer neuen internationalen Bildungsstrategie beraten soll. In einer Schlüsselrede in Peking vor Vertretern von mehr als 90 Bildungseinrichtungen aus Kanada erklärte der Minister für Internationalen Handel, Ed Fast, dass diese Strategie entscheidend für das weitere Wachstum und den Wohlstand in Kanada sei.

Der Beirat soll der Regierung Vorschläge unterbreiten, wie Kanada die besten Studenten aus aller Welt anziehen kann, wie das Land seine Beziehungen zu neuen Märkten ausbauen und seine Erfahrungen, sein Wissen und sein Bildungssystem an andere Länder vermitteln können und wie sich Partnerschaften mit internationalen Bildungsinstitutionen aufbauen ließen.

Wenn Kanada mehr exzellente ausgebildete Studenten und Forscher anziehe, würden unter anderem Arbeitsplätze geschaffen, die Wirtschaft angekurbelt und die kanadische Exzellenz weltweit zur Schau gestellt.

Bis Ende Februar wird der Rat den Handels- und Finanzministern Bericht erstatten. Die Bildungsstrategie, so ist zu erwarten, wird kurz danach der Öffentlichkeit vorgestellt.

Quelle

→ <http://www.listserv.dfn.de/cgi-bin/wa?A2=ind1110&L=kanada-newsletter&T=0&P=200>

Weitere Informationen

Stronger Ties with World's Best and Brightest in Priority Markets: Goal of International Education Strategy

→ <http://www.edfast.ca/view/pressrelease/23>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

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

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Schlagworte

Bildung, Internationalisierung



USA

Creative Research Awards for Transformative Interdisciplinary Ventures

CREATIV is a pilot grant mechanism under the Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE) initiative, to support bold interdisciplinary projects in all NSF-supported areas of science, engineering, and education research.

The INSPIRE initiative was introduced by NSF Director Subra Suresh with the fiscal year 2012 NSF budget request to Congress.

CREATIV is the first grant award mechanism under INSPIRE, and will be the only one launched in FY 2012. In brief, its distinguishing characteristics are: only internal merit review is required; proposals must be interdisciplinary and potentially transformative; requests may be up to \$ 1,000,000 and up to five years duration. In the future, further announcements will be made regarding INSPIRE activities to be launched in FY 2013 and beyond. The funding for INSPIRE in future years is expected to increase substantially each year, reaching a steady state in FY 2016.

Goals of the CREATIV grant mechanism are:

- Create new interdisciplinary opportunities that are not perceived to exist presently.
- Attract unusually creative high-risk / high-reward interdisciplinary proposals.
- Provide substantial funding, not limited to the exploratory stage of the pursuit of novel ideas.
- Designate no favored topics; be open to all NSF-supported areas of science, engineering, and education research.

Before writing and submitting a CREATIV proposal, it is the principal investigators responsibility to obtain written authorization to submit a CREATIV proposal by NSF program directors from at least two intellectually distinct divisions or programs. Only internal merit review is required and typically expected for CREATIV proposals.

Quelle

→ <http://www.nsf.gov/pubs/2012/nsf12011/nsf12011.jsp>

Weitere Informationen

Frequently Asked Questions: CREATIV

→ <http://www.nsf.gov/pubs/2012/nsf12012/nsf12012.jsp>

Dr. Subra Suresh (NSF Director): Remarks on the NSF's 2012 Budget Request to Congress

→ http://www.nsf.gov/news/speeches/suresh/11/ss110214_nsfbudget.jsp

NSF strategic plan (2011 – 2016)

→ http://www.nsf.gov/news/strategicplan/nsfstrategicplan_2011_2016.pdf

National Science Foundation (NSF)

→ <http://www.nsf.gov>



Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Innovation, Förderung



Connecticut Legislature Approves Funding for New Jackson Laboratory Research Institute

The Connecticut legislature approved \$ 291 million in bond funding to build a new Jackson Laboratory center for personalized medicine and systems genomics in the state (26 October 2011). The research center, to be known as The Jackson Laboratory for Genomic Medicine, will be the next phase of Gov. Dannel Malloy's Bioscience Connecticut initiative to build the biomedical industry in Connecticut. JAX Genomic Medicine will focus on complex genetics of human disease through the intensive use of computational strategies and animal model systems.

Plans call for JAX Genomic Medicine to be housed in a 173,500-square-foot building to be erected on 17 acres of land provided by the state, located near the campus of the University of Connecticut Health Center in Farmington. The research center is projected to employ 320 people within the first 10 years, and 660 within 15 to 20 years. Thirty senior scientists, or principal investigators, will each head a laboratory research group, supported by scientific services and administrative departments. The center will also dedicate space and staff for

translating newly developed research applications into commercial products and services for personalized medicine, such as complex diagnostics or drug development.

The State of Connecticut will provide a total of \$ 291 million in support to JAX Genomic Medicine over 10 years for construction, equipment and research collaborations. The total 20-year capital and research budget for the institute is estimated to be \$ 1.1 billion, with Jackson providing \$ 809 million through federal research grants, philanthropy and

service income. Once a contractual agreement is in place, Jackson will begin the design of the JAX Genomic Medicine building and start recruiting scientists to work in interim facilities that will be provided by the UConn Health Center. Construction will begin by early 2013, and the facility is projected to be completed by late 2014.

The Jackson Laboratory is an independent, nonprofit biomedical research institution and National Cancer Institute-designated Cancer Center based in Bar Harbor, Maine, with a facility in Sacramento, Calif., and a total staff of about 1,400. Its mission is to discover the genetic basis for preventing, treating and curing human disease, and to enable research and education for the global biomedical community.

Quelle

→ <http://www.jax.org/news/archives/2011/ct-vote.html>

Weitere Informationen

The Jackson Laboratory

→ <http://www.jax.org>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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Schlagworte

Lebenswissenschaften, Cluster



Peter Thiel Announces Breakout Labs to Energize Innovation

Calling for more rapid innovation in science and technology, Peter Thiel launched a new program of the Thiel Foundation, Breakout Labs (25 October 2011). Speaking at Stanford to an event organized by the Business Association of Stanford Entrepreneurial Students, Thiel announced that Breakout Labs will use a revolving fund to improve the way early-stage science and technology research is funded by helping independent scientists and early-stage companies develop their most radical ideas.

With venture capital shifting to later and later stages of development and commercialization, and with ever shorter investment time horizons, there are few available means of support for independent early-stage development of science and technology. But many of these technologies are ripe for the same kind of innovations that began in computing during the 1970s, when small, visionary start-ups began to take on industry giants who wielded much bigger research and development budgets. Breakout Labs will accelerate this trend.

Three core conditions of Breakout Labs funding set it apart from traditional research dollars:

- The work it supports is entrepreneurial and fully independent from formal research institutions.
- The work is at an early stage, possibly even before proof of concept, but success would be a critical step toward a potential breakthrough that could dramatically change the world.

The Thiel Foundation defends and promotes freedom in all its dimensions: political, personal, and economic. The Thiel Foundation supports innovative scientific research and new technologies that empower people to improve their lives, champions organizations and individuals who expose human rights abuses and authoritarianism in all its guises, and encourages the exploration of new ideas and new spaces where people can be less reliant on government and where freedom can flourish.

- The work will support the acceleration of innovation through revenue-sharing and open access publication.

Breakout Labs funding is not a typical foundation grant. Instead, successful projects will help support the next generation of scientific exploration by assigning a modest portion of resulting revenue back to Breakout Labs.

Projects from across the spectrum of scientific disciplines will be considered for support, and funding will typically range from \$ 50,000 to \$ 350,000, but may vary substantially. In the interest of accelerating scientific development, support from Breakout Labs requires investigators to maximize the dissemination of the resulting innovations, either through open access publication or intellectual property development.

Quelle

→ <https://www.breakoutlabs.org/news-events/news-event-item/article/news-title.html>

Weitere Informationen

Breakout Labs

→ <http://www.breakoutlabs.org>

The Thiel Foundation

→ <http://thielfoundation.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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Schlagworte

Innovation, Kooperation Wissenschaft- Wirtschaft, Förderung



Regierung verkündet Schuldenschnitt für US-amerikanische Hochschulstudenten und -absolventen

Die Regierung von US Präsident Obama kündigte am 25. Oktober 2011 Veränderungen an, die den Umgang mit durch Studienkredite verursachten Schulden vereinfachen sollen. Ziel ist es, Hochschulabsolventen eine Möglichkeit zu geben, entstandene Schulden schneller als bisher abzubezahlen und Studienbewerbern die Angst vor der Einschreibung zu nehmen. Derzeit haben mehr als 36 Millionen US-Amerikaner Schulden durch staatliche Studienkredite. Durch die neuen Maßnahmen und beträchtlichen Investitionen in Studienzuschüsse (Pell Grants) sowie den American Opportunity Tax Credit zielt die Regierung darauf ab, den Zugang zu einem Studium zu erleichtern und dieses insgesamt attraktiver zu machen. Insgesamt wurden drei Hauptmaßnahmen beschlossen:

- Der erneuerte „Pay as you earn“-Vorschlag: 2010 beschloss Obama eine monatliche Abführung von 15 % des verfügbaren Einkommens von Absolventen zur Tilgung der staatlichen Studienkredite (income-based repayment, IBR). Nach 25 Jahren erfolgt zudem der Schuldenerlass. Der neue Vorschlag sieht eine monatliche Zahlung von 10 % des verfügbaren Einkommens und einen Schuldenerlass bereits nach 20 Jahren vor. Dieser Vorschlag sollte ursprünglich 2014 in Kraft treten, nun wird er im Januar 2012 beginnen. Von dieser Änderung können nach Schätzungen des Weißen Hauses mehr als 1,6 Millionen Studierende an Universitäten bzw. Colleges profitieren. Bisher nehmen jedoch weniger als 450.000 Amerikaner die IBR-Maßnahme in Anspruch, was vermutlich an der geringen Kenntnis darüber liegt.
- Überführung der Federal Family Education Loans (FFEL) in das Direct Loan-Programm (DL): Circa 5,8 Millionen Schuldner haben sowohl ein direktes Darlehen, als auch einen staatlichen Familienerziehungskredit (FFEL). Gegenüber dem DL ist der FFEL-Kredit verhältnismäßig teurer und bietet weniger flexible Rückzahlungsoptionen. Während heute lediglich noch die günstigeren DL vergeben werden, stehen weiterhin ca. US\$ 400 Milliarden in Form von FFEL aus. Um diese noch ausstehenden FFEL-Kredite in das einfachere DL-System zu überführen, wird sich das

Bildungsministerium ab Anfang 2012 an diejenigen Schuldner wenden, die sowohl einen DL als auch einen FFEL zu tilgen haben und diesen die Möglichkeit geben, entsprechende Zahlungen an lediglich einen Gläubiger zu leisten. Zusätzlich können diese eine Reduzierung der Zinsen von bis zu 0,5 % auf einige Studienkredite erhalten.

- Das „Financial Aid Shopping Sheet“ im Rahmen des „Know before you owe“-Projekts: Das Büro zum finanziellen Schutz der Konsumenten (Consumer Financial Protection Bureau CFPB) und das US Bildungsministerium haben ein Online-Tool, das „Financial Aid Shopping Sheet“ entwickelt. Dieses können Colleges und Universitäten nutzen, um ihre Studenten besser darüber zu informieren, welche Art von finanzieller Hilfe diese in Anspruch nehmen können. Hier wird sowohl der Vergleich zwischen verschiedenen staatlichen Kreditanbietern erleichtert, als auch die Gesamtkosten eines Kredites und seine möglichen Risiken vor der universitären Einschreibung verdeutlicht.

Darüber hinaus hat auch die US-amerikanische Behörde für kleine Unternehmen (U.S. Small Business Administration) im Rahmen der „Startup America“-Initiative des Weißen Hauses eine Webseite eingerichtet, um Jungunternehmern Hilfestellung bei der monatlichen Deckung ihrer Studienkredite zu leisten.

Quellen

- <http://www.ed.gov/news/press-releases/we-cant-wait-obama-administration-lower-student-loan-payments-millions-borrowers>
- <http://www.whitehouse.gov/the-press-office/2011/10/25/fact-sheet-help-americans-manage-student-loan-debt>

Weitere Informationen

„Startup America“-Initiative

- <http://www.sba.gov/startupamerica/student-startup-plan>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Hochschulen, Rahmenbedingungen



Brasilien

Entstehung einer Nationalen Innovationsagentur (EMBRAPPII) in Brasilien

Die brasilianische Regierung wird bis 2012 etwa 36 Millionen Euro (90 Millionen R\$) in drei nationale Forschungslabore investieren, die als Initial-Struktur die neue „Brasilianische Agentur für Industrielle Forschung und Innovation“ (Empresa Brasileira de Pesquisa e Inovação Industrial, EMBRAPPII) bilden werden. Die Institution wird gemeinsam vom öffentlichen und privaten Sektor getragen und zu Beginn zusammen mit drei renommierten Forschungseinrichtungen in Brasilien in São Paulo (IPT), Rio de Janeiro (INT) und Salvador (CIMATEC) umgesetzt. Weitere 73 Millionen Euro sollen zu gleichen Teilen aus der Privatwirtschaft und den drei beteiligten Instituten selbst stammen. Ziel von EMBRAPPII ist es, ein Netzwerk zur Förderung innovativer Produkte und Prozesse, besonders in kleinen und mittleren Unternehmen zu schaffen. Vorbild ist die Fraunhofer-Gesellschaft in Deutschland.

Die neue Innovationsagentur wurde am 17. Oktober 2011 vom brasilianischen Ministerium für Wissenschaft, Technologie und Innovation (MCTI) bei einem Treffen mit Vertretern des Nationalen Industrieverbandes (CNI) angekündigt. Aus Sicht des CNI, liegt die Bedeutung von EMBRAPPII vor allem in der Unterstützung von Forschungen in der Vor-Produktphase, in der innovative Entwicklungen mit einem hohen Risiko für die Industrie verbunden sind. „Mit dem Modell EMBRAPPII haben die Unternehmen mehr Sicherheit, um in Innovation zu investieren“, bestätigte CNI-Präsident Robson Braga de Andrade in einer Presseerklärung. Das Forschungsministerium informierte, dass vor allem die Bereiche

Biotechnologie, Nanotechnologie, Informationstechnologie und der Bereich Öl und Gas von EMBRAPPII profitieren sollen.

Der Austausch zwischen EMBRAPPII und Unternehmen zur Umsetzung von Innovationsprojekten soll von Einrichtungen des brasilianischen Industrieverbandes CNI artikuliert werden. Nach Andrade soll das Netzwerk der EMBRAPPII-Forschungsinstitute künftig wachsen und bis zu 30 Institutionen umfassen. Während des Treffens kündigte Andrade außerdem an, dass bis 2014 der Verband zur Industriellen Bildung (SENAI) 600 Millionen Euro zum Aufbau von 34 Forschungslaboren für die industrielle Innovation investieren wird.

Quelle

→ <http://www.inovacao.unicamp.br/noticia.php?id=1089>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Brasilien

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

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Schlagworte

Innovation, Förderung



Dänemark

Boost for Research and Education in Budget Proposal

The government's budget proposal would see DKK 1 billion towards the increase in educational activities, DKK 300 million extra towards research and an end to user charges for supplementary courses. The new government wants to invest heavily in research, innovation and education. In a departure from the previous government, the current government parties want to give greater priority to these areas, as is clear from the 2012 budget proposal.

In the budget proposal, the government has allocated an extra DKK 300 million to research, thereby providing more than DKK 1 billion to publically-funded research in 2012. Universities will therefore avoid the significant cuts that were indicated by the previous government. The 2012 budget proposal sees the government infuse basic funds with DKK 214 million and set aside DKK 113 million for the Danish Council for Independent Research.

The government has also decided to allocate more than DKK 1 billion in 2012 and 2013 to the increase in educational activities – DKK 420 million in 2012 and DKK 630 million in 2013. The increased investment is rooted in the government's objective of ensuring that 60 % of a youth cohort receives a higher education.

In addition, the government has found another way to help students by planning to remove the user charges for supplementary courses to higher education. The government feels that a student's financial background should not be the limiting factor for deciding which higher education to pursue.

The government will also allocate funds to create 170 new places for those studying for a Bachelor of Technology Management and Marine Engineering. Graduates are much sought-after, but one of the institutions offering the degree had to turn away applicants this year.

Quelle

→ <http://en.fivu.dk/press/2011/boost-for-research-and-education-in-budget-proposal>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

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

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Schlagworte

Rahmenbedingungen



The Danish National Research Foundation Invests 585 Million DKK in 11 new Centers of Excellence

The new centers will be established for a six-year period, with a possible extension for another four years provided they undergo a successful midterm evaluation.

“It is the foundation’s philosophy that large and flexible long-term grants to outstanding researchers, in whom we place great confidence, generate creative and strong research environments and thus the possibility of reaching groundbreaking results and new breakthroughs,” says Klaus Bock, chairman of the foundation’s board. He adds that the foundation has seen the proven merits of this strategy.

The Danish National Research Foundation employs a two-stage application procedure in connection with proposals regarding funding for new centers. In the first stage, prospective center leaders are invited to submit letters of interest with short outline proposals. In this round, the foundation received a total of 198 outline proposals. Of those 198, 27 applicants were invited to submit full proposals, and from those 27, 11 new centers will be established.

Thomas Sinkjær, director of the foundation, is pleased with the enormous mass of talent and potential this application round has produced:

“We have received some remarkably good proposals, and we are now establishing 11 centers that I think will make a big difference. At the same time, I must say that among the proposals we could not accommodate are some exciting ideas, which I hope will be realized with support from others or from us sometime in the future. In all circumstances, I am convinced that there is a lot of growth and potential in the Danish research environment.”

Quelle

→ <http://www.dg.dk/en/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

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



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Schlagworte

Förderung



Reorganisation of the Ministry of Science, Innovation and Higher Education

With higher education gathered under the remit of the Higher Education Ministry, the ministry itself has been reorganised.

The objective is to ensure a cross-education cohesion and solid administration of central administrative areas such as research, innovation, SU (state education grant) and recognition of education. This requires close cooperation and problem-solving across agencies and between agencies and the department.

The main principles of the new organisation are as follows:

- Maintain the former model with a relative flat structure – with large agencies and a relatively small department.
- A strategy and development unit will be created within the department, which will also deal with government-related tasks.
- The former Danish University and Property Agency and the Danish Agency for International Education will merge to form a new agency.
- A clear prioritisation of all education marked by a clear organisational outlook.
- Assigning greater priority to statistical and analytical resources through the creation of an organisation-wide statistics unit, which will be based with the agency that also deals with the SU area; and greater priority to cross-education accreditation within the department and the agency responsible for universities.

- The establishment of three organisation-wise groups dealing with HR, accreditation and statistics.

Furthermore, there will be close cooperation between the two education agencies with regard to the administration and inspection of institutions.

The reorganisation will be followed up by a detailed organisation of individual agencies and the department within the next week or two.

It is a key condition for the ministry and the new organisation that the work continues to be carried out in close and open dialogue with our stakeholders.

Quelle

→ <http://en.fivu.dk/press/2011/reorganisation-of-the-ministry>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Rahmenbedingungen



Finnland

Tapio Lokki and Mikko Salo Receive 2011 Academy of Finland Awards

Two outstanding researchers were recognised at the Academy of Finland's Science Gala in Helsinki on 27 October 2011. The Academy of Finland Awards were presented to Academy Research Fellow, Adjunct Professor Tapio Lokki from Aalto University School of Science, and Academy Research Fellow, Adjunct Professor Mikko Salo from the University of Helsinki. Lokki was recognised for the social impact of his work and Salo for his scientific courage.

Quelle

→ <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Releases1/Tapio-Lokki-and-Mikko-Salo-receive-2011-Academy-of-Finland-Awards/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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

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Schlagworte

Förderung



Finland Prepares a Development Plan for Education and Research

Finland plans to set a target of increasing the education level of Finnish people so that Finland would be the best-educated nation in the world by 2020. This appears in a draft, drawn up by the Ministry for Education, Science and Culture, for a development plan for education and research for 2011–2016. The plan also includes a science strategy with a view to strengthening the research system and clarifying the division of labour between different actors. The Academy of Finland has proposed the drafting of a national science strategy for a couple of years.

According to the Ministry's draft, the science strategy would take into account both the framework conditions of basic research and the need to accelerate the creation of research-based innovations. Efforts will be made to raise researchers' competence level and to further promote researcher training and careers in research.

The draft, presently circulated for comments, reveals that the availability of a well-educated labour force will be improved by enhancing the education system and by setting new quantitative targets for education. This would involve cut-

backs in the supply of education in the fields of culture, natural sciences, natural resources, the environment, tourism, restaurant and the economy, but increases in the fields of social welfare, healthcare and sports as well as the humanities and education.

Quelle

→ <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Releases/Read-our-latest-international-newsletter-here3/#finland>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

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Schlagworte

Fachkräfte, Bildung, Berufliche Bildung



Research and Innovation Council Appointed

A new Research and Innovation Council of Finland, chaired by the Prime Minister, has been appointed. Prime Minister Jyrki Katainen was appointed chair of the Council, and Minister of Education and Science Jukka Gustafsson and Minister of Economic Affairs Jyri Häkämies its deputy chairs. The Council's ministerial members are Minister of Finance Jutta Urpilainen, Minister of Culture and Sport Paavo Arhinmäki, Minister of Health and Social Services Maria Guzenina-Richardson, Minister of the Environment Ville Niinistö, Minister of the Interior Päivi Räsänen, Minister of Public Administration and Local Government Henna Virkkunen and Minister of Defence Stefan Wallin.

The other members appointed to the Council are Rector Kaija Holli (University of Tampere), CEO Risto Lammintausta (Hormos Medical Ltd.), Director General Erkki Leppävuori (VTT Technical Research Centre of Finland), President and CEO Pekka Lundmark (Konecranes Oy), President Markku Mattila (Academy of

Finland), Professor Arto Mustajoki (University of Helsinki), Rector Anneli Pirttilä (Saimaa University of Applied Sciences), Director General Veli-Pekka Saarnivaara (Finnish Funding Agency for Technology and Innovation Tekes), Education Policy Adviser Saana Siekkinen (Central Organisation of Finnish Trade Unions SAK) and Professor Päivi Törmä (Aalto University).

Quelle

→ <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Releases/Read-our-latest-international-newsletter-here3/#finland>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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Schlagworte

Rahmenbedingungen



Finnish Universities Team up to Strengthen Their Profiles

Universities Finland (UNIFI) has published the final reports from a coordination project to support the strategic profiling and structural development of Finnish universities. The project involved an assessment of the following fields: the humanities, education, the natural sciences and social sciences. The project set out to clarify the distribution of work between universities and support the framework conditions of different fields of education. The aim was also to promote the profiling of universities. In addition, UNIFI wanted to ensure that disciplines will not disappear from a given field of education and that they will not be insufficiently covered.

The reports suggest that there are some small education programmes that can be discontinued and that universities should collaborate more closely both within and among themselves. Except for in a few fields, the major problem in the natu-

ral sciences is the poor student completion rate. This means, the reports argue, that the intake of students can be reduced in several fields without affecting the number of students completing their studies. The authors suggest that individual departments both in the natural sciences and the humanities participate more actively in teacher education. This would be a means to better link the education to the latest research in the field.

In the humanities and social sciences, the reports go on to say, individual subjects should be joined into more extensive wholes to create multidisciplinary, integrated degree programmes. The experts in social sciences further suggest that resources in the economic sciences be targeted at building larger clusters. In the field of education, in turn, there is a lack of qualified class, special needs and kindergarten teachers. When increasing the student intake, therefore, attention should be paid to evening out regional differences.

Quelle

→ <http://www.aka.fi/fi/A/Suomen-Akatemia/Mediapalvelut/Newsletter/Academy-of-Finland-Newsletter-November-2011/#2012>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

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Schlagworte

Hochschulen, Fachkräfte



India-US Higher Education Summit Reveals Gaps

The first India-US higher education summit, between India's Human Resources Minister Kapil Sibal and US Secretary of State Hillary Clinton last month, was aimed at strengthening collaboration between the two countries. It provided symbolic recognition of the importance of India's university and research sectors for international interaction. But in India academics and students expressed scepticism that it would yield any real change in education outcomes, with a wide gap between India's needs and what US institutions might provide.

The summit, hosted by Georgetown University in Washington DC, was attended by more than 300 academics, business leaders and government officials from both countries. In a joint statement issued at the end of the one-day event on 13 October, the US and India agreed to hold a Higher Education Dialogue as an annual event alternating between the two countries.

"The dialogue should identify areas for mutually beneficial exchanges and provide a platform for intense and meaningful collaboration among academia, the private sector and government on both sides," the statement said. Priority areas for strengthening collaboration include science and engineering, social sciences and humanities, and "addressing societal challenges in areas such as cyber security, energy, environment, health and agriculture." These are all areas that the US state department had already earmarked for broader international research collaboration, according to analysts.

While there is general agreement in India that the high-level meeting provided an excellent platform for the country to build links with the US higher education system and also sell India as the next destination for US universities, for many the most important aspect was that it occurred at all and that higher education and research in India was being recognised by the US as an important sector. And it was clear that India's needs and US interests in the sector are very different. Sibal noted that to increase the gross enrolment ratio in India from 15 % now to 30 % by 2020, India would need to build an additional 1,000 universities

and 50,000 colleges. He pointed out that "the 'new' demand for higher education in India is emerging from three groups that traditionally did not have easy access to higher education: the disadvantaged and marginalised, women and a rising lower-middle class." However, the spotlight at the summit was on more elite collaborations such as the India-Yale Higher Education Leadership Programme, which this year involved 26 vice-chancellors, institute directors, deans and other officials going to the US with Indian funding. Indian officials have acknowledged such initiatives as high quality but "extremely expensive" programmes for a select few.

In India, academics and others in the higher education and research sectors were of the view that Sibal should have used the summit platform to clarify contentious clauses in the pending Foreign Education Providers Bill, in order to attract US universities to open campuses in India. Rather than dispelling US confusion over the bill, the summit merely highlighted US universities' concern over provisions in the draft currently stalled in parliament. Analysts said it was hard to see how US universities could increase their presence in India in the short term without more clarity on the laws that would govern foreign institutions. Instead, Sibal merely expressed the hope that the bill would become legislation by the end of the year. He said the draft Indian legislation was "very strong". Not anybody and everybody would be able to open a branch campus in India. A foreign university would have to be an accredited institution and would have to have been in the higher education business for 20 years "before it even thinks of coming to India," he said.

The summit was seen as a platform to give shape to the Obama-Singh 21st Century Knowledge Initiative announced jointly by Indian Prime Minister Manmohan Singh and US President Barack Obama during Singh's visit to the US in November 2009. The initiative will provide US\$10 million in combined funding to increase university linkages and support junior faculty development in US and Indian universities.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20111015141858752>

Weitere Informationen

U.S.-India Higher Education Summit

→ <http://www.state.gov/p/sca/ci/in/education/index.htm>

U.S.-India Joint Statement on Higher Education Cooperation

→ <http://www.state.gov/r/pa/prs/ps/2011/10/175482.htm>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Indien

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

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Schlagworte

Bildung, Hochschulen, Internationalisierung



Niederlande

Netherlands Organisation for Scientific Research (NWO) launches three new research themes in line with top sector policy

NWO has added three new themes to the six existing research themes from its strategy 2011-2014. The new themes are Agro, food & horticulture, High-tech systems & materials, and Creative industry. With this expansion from six to nine themes NWO is responding to the Dutch cabinet's call that its policy should become more aligned with the top sectors. The NWO themes focus on urgent issues and bring together researchers with civil society organisations and companies.

NWO now has nine research themes: Healthy living, Water and climate, Cultural and societal dynamics, Sustainable energy, Connecting sustainable cities, Materials: solutions for scarcity, Agro, food & horticulture, High-tech systems & materials, and Creative industry. By investing in these themes NWO is making a con-

tribution to a strong and broad base for the Cabinet's top sectors. In addition to this NWO will continue to invest across the entire spectrum of science.

NWO is involving parties such as industry, government departments, civil society organisations and knowledge institutions in the elaboration of the themes. The activities to be developed will receive a place in the innovation contracts to be drawn up within the top sectors. The research within the themes will be partly financed by NWO and partly by companies and other organisations involved. In this way NWO will also adopt the public-private partnership model. NWO will finance its contribution to the three new themes by redeploying the resources at its disposal.

Quelle

→ http://www.nwo.nl/nwohome.nsf/pages/NWOP_8MZC7J_Eng

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Niederlande

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

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Schlagworte

Rahmenbedingungen, Kooperation Wissenschaft- Wirtschaft



Holst Centre and Philips Research Celebrate Successful Five Year Collaboration with New Contract

Since 2005, Philips Research and a growing amount (35) of other industrial partners combine their innovation power at Holst Centre, an open-innovation initiative by imec (B) and TNO (NL), to take technology in the areas of wireless sensors and flexible electronics to the next level.

In over five years, scientists achieved substantial scientific progress, resulting in several technology breakthroughs. Philips Research was co-author of over 20 of

Holst Centre's patent filings and more than 100 technical notes. Recent successes like the first large-area (30x30 cm²) flexible OLED lighting device (developed in the EU project Fast2light), the novel wireless EEG sensing technology and a power conditioning circuit for miniaturized sensors encouraged Holst Centre and Philips Research to prolong their existing collaboration agreement until the end of 2015.

Quelle

→ http://www.tno.nl/content.cfm?context=overtno&content=nieuwsbericht&laag1=37&laag2=2&item_id=2011-10-20%2016:34:17.0

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Niederlande

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

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Schlagworte

Schlüsseltechnologien, Innovation



Norwegen

Programme for the Norwegian Presidency of the Nordic Council of Ministers 2012

The programme for the Norwegian Presidency presents the areas they wish to focus on within Nordic co-operation throughout the year. It prioritises the welfare state and its continued development in a Nordic perspective.

In many ways, the Nordic Region and Nordic co-operation are at a crossroads as 2012 approaches. The economic crisis in Europe has made its presence felt in the region, as a result of which our shared welfare-state concept is under pressure. The Nordic countries must work together to meet these challenges and further develop regional co-operation.

Norway wishes to continue to promote broad popular involvement in Nordic co-operation. Jobs and sustainable welfare are inextricably linked. We must make sure that everybody is involved in generating prosperity and maintaining high levels of employment. Gender equality and equal status are also fundamental to welfare and sustainable development.

The Norwegian Presidency aims to keep the Nordic Region at the forefront of progress, especially in the area of green growth, which entails basing economic development on the sustainable use of natural resources. Particular attention will be paid to closer interaction between education, research and innovation in relation to green growth and sustainable health and welfare.

Nordic co-operation involves Denmark, Finland, Iceland, Norway and Sweden as well as the Faroe Islands, Greenland and the Åland Islands. The one-year Presidency rotates between the five Nordic countries. Norway will hold the Presidency in 2012.

Quelle

→ <http://www.norden.org/en/publications/publications/2011-726>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

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

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Schlagworte

Internationalisierung



Long-Term Investment Paying off: 20 Years of Research on CO₂ Capture and Storage

Research on CO₂ management triggers innovation, concludes a recently released long-term analysis of the Norwegian RD&D CCS programme (CLIMIT).

The analysis is titled Lange spor – CO₂ (Looking back at progress made on the CO₂ front) and demonstrates the value of a long-term approach.

The Research Council's analysis tracked the progress of research on capture, storage and transport of CO₂ from the 1980s to today. "The analysis follows selected projects and portfolios of projects, in order to trace the effect of public funding," says Fridtjof Unander, Executive Director of the Division for Energy, Resources and the Environment at the Research Council of Norway.

"The CLIMIT programme has helped to build and reinforce a dynamic community of researchers and specialists in this field. Two Centres for Environment-friendly Energy Research (FMEs) have emerged from their environment. The FME scheme represents the Research Council's newest energy research funding scheme."

The CLIMIT programme is a joint strategic programme for carbon capture and storage (CCS) administered by the Research Council of Norway and Gassnova. The programme generates important knowledge about technology and solutions designed to deal with climate challenges – while building a foundation for Norwegian companies to capitalise on opportunities to create value in this field.

"When a research project starts up," continues Mr Unander, "we can never be sure of the impacts it may have. A long time may elapse before the research yields results and tangible benefits, which may even emerge in areas other than originally intended. The analysis provides a number of good examples of precisely this happening."

The analysis encompasses the capture, transport and storage of CO₂. It traces, for example, how new ideas in the 1980s and large-scale carbon capture and storage at the Sleipner petroleum field in the North Sea starting in the 1990s laid the foundation for Norway's rise to the international forefront in research on CCS over the last decade.

"Norwegian research groups and industry players led the way in showing it is possible to capture, transport and store CO₂ safely by constructing and operating CCS facilities," states the Research Council's Aage Stangeland, programme coordinator for R&D under the CLIMIT programme.

Mr Stangeland, a strong proponent of the international perspective in CO₂ research, says, "A vital element throughout all these years has been the Norwegian scientific community's deep involvement in international projects and scientific fora."

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/20_years_of_research_on_CO2_capture_and_storage/1253969403087&p=

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

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Schlagworte

Umwelt, Rahmenbedingungen



New European Economic Area (EEA) Agreement Signed with Hungary

With a financial framework of 24 million euros, research cooperation is a key component of an agreement recently signed by Norway and Hungary. Under the agreement approximately one third of the total 77 million euros allocated to Hungary under the EEA and Norway Grants scheme will go towards research.

The EEA and Norway Grants agreements regulate the funding provided by Norway for reducing economic disparities in the European Economic Area (EEA). The beneficiary countries are the 12 newest EU member states together with Portugal, Greece and Spain.

Of the total of nine agreements signed so far, research is a component of those with Poland, the Czech Republic, Estonia and Latvia, as well as Hungary. Nego-

tiations are now underway with Romania, and it is likely that a future agreement will include funding for research cooperation.

For the period 2009-2014 Norway's total contribution to reducing social and economic disparities and to strengthening cooperation in Europe amounts to close to 347 million euros per year. This constitutes 97 % of the total budget for EEA Grants. Iceland is contributing the remainder.

The agreement with Poland includes the greatest amount of funding for research – close to 37 million euros. This is approximately 1/8 of the total financial framework of what is the largest ever agreement signed between Norway and Poland.

The bilateral research programmes will be designed by the Research Council of Norway together with programme operators in the beneficiary states. An initial meeting with programme operators in Poland, the Czech Republic, Latvia and Estonia has been held and the national operators are now drawing up programme proposals. Efforts in Hungary will be implemented shortly. The proposed research programmes will then be subject to a formal approval process.

The funding will be made available for bilateral projects – i.e., in order to be eligible for funding R&D institutions in the beneficiary countries must have a Norwegian partner. In addition, it will now be possible to apply for funding for projects involving cooperation with partners from third countries.

According to Bjørn Tore Kjellemo, Director of the Department for Cooperation and Development Research at the Research Council, funding announcements may be issued as early as the turn of the year 2011/2012, but are more likely to be issued closer to the summer of 2012. Mr Kjellemo encourages Norwegian research groups to begin planning collaborative projects with institutions in the countries concerned as soon as possible, promising regular updates of the status of each agreement.

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/New_EEA_agreement_signed_with_Hungary/1253969423739&p=

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

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Schlagworte

Förderung, Internationalisierung



Österreich

Molekularbiologe Giulio Superti-Furga ist Österreicher des Jahres in der Kategorie Forschung

Giulio Superti-Furga, Leiter des Zentrums für molekulare Medizin (CeMM) der Österreichischen Akademie der Wissenschaften (ÖAW), wurde als "Österreicher des Jahres" in der Kategorie "Forschung" ausgezeichnet. Der Preis wurde im Rahmen der großen Austria'11-Gala am Nationalfeiertag, dem 26.10.2011 durch die Geschäftsführer der Österreichischen Forschungsförderungsgesellschaft (FFG) Henrietta Egerth und Klaus Pseiner überreicht.

Giulio Superti-Furga erforscht die komplizierten Wechselbeziehungen zwischen Proteinen bei der Entstehung von Krankheiten. Das Ziel ist eine personalisierte Medizin.

"Spitzenleistungen und Innovation haben einen enormen Wert für Österreich. Allerdings ist das oft in der Öffentlichkeit nicht oder zu wenig bekannt. Oder es wird nicht bemerkt. Die Austria ist eine Top-Plattform um herausragende Forscherpersönlichkeiten wie Prof. Superti-Furga vor den Vorhang zu holen und für ihre Leistungen vor einem großen Publikum auszuzeichnen", so Egerth und Pseiner.

In der Jury für die Kategorie Forschung waren Hannes Androsch (Rat für Forschung und Technologieentwicklung), Bruno Buchberger (Vorjahressieger), Christoph Kratky (FWF), Martin Kugler (Die Presse) und die FFG-Geschäftsführer Henrietta Egerth und Klaus Pseiner.

Quelle

→ <http://www.ffg.at/presse/oesterreicher-des-jahres-molekularbiologe-giulio-superti-furga-bekam-die-austria11-der-katego>

Weitere Informationen

Portrait Giulio Superti-Furga

→ <http://diepresse.com/unternehmen/austria11/691720/SupertiFurga-Giulio>

Austria'11 – die Österreicher des Jahres

→ <http://diepresse.com/unternehmen/austria11/index.do>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Österreich

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Schlagworte

Förderung



Österreich startet große Herbst-Ausschreibungsrunde

Insgesamt über 60 Millionen Euro stehen derzeit im Rahmen von Ausschreibungen für die Förderung von Projekten im Bereich Forschung, Entwicklung und Humanressourcen zur Verfügung. Insgesamt laden 15 verschiedene Förderprogramme des BMVIT und des BMWFJ zur Teilnahme ein.

Quelle

→ <http://www.ffg.at/aktuelles-foerderangebot>

Download

Förderprogramme

→ <http://www.ffg.at/aktuelles-foerderangebot>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Österreich

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



Rumänien

Rumänien setzt mit Donauraumgipfel und Wirtschaftsforum Impulse für die Umsetzungsphase der EU-Donauraumstrategie

Mit einem informellen Treffen auf Außenministerebene und einem Expertenforum am 7. bzw. 8. November 2011 setzte der rumänische Außenminister Teodor Baconschi weitere Akzente zur Umsetzung der im Juni 2011 verabschiedeten EU-Donauraumstrategie (EUSDR). Rumänien knüpfte damit an den Donauraumgipfel in Bukarest im November 2010 an, der entscheidende Weichenstellungen für den Kommissionsentwurf der Strategie im Dezember 2010 erbrachte.

An dem gemeinsam mit Österreich ausgerichtetem Gipfeltreffen, an dem neben fünf Außenministern weitere Staatssekretäre und Botschaftsvertreter der 14 Donauanrainerstaaten teilnahmen, war die EU-Kommission über Kadri Uuastal, Berater der DG Regionalpolitik, vertreten.

Baconschi unterstrich in seiner Eröffnungsrede des Gipfeltreffens die Chancen, die die Umsetzung der EU-Makrostrategie für Wirtschaft und Lebensqualität in der gesamten Region bietet. Der österreichische Außenminister Michael Spindelegger drückte in seinen Eröffnungsworten die Erwartung aus, dass eine erste Zahl von Projekten im Sommer 2012 operationelle Ergebnisse zeigen wird. Die anschließenden Diskussionen und Absprachen der Donauraumvertreter im Rahmen des informellen Außenministertreffens galten dem Gesamtmanage-

ment der EUSDR, Finanzierungsfragen, konkreten Projektinitiativen sowie der Ausgestaltung der Kommunikationsstrategie.

Am 8. November schloss sich dazu ein Wirtschaftsforum unter dem Titel „Exzellenzfelder im Donau-Makroraum“ an. In zwei Workshops – „Konnektivität“ und „Wettbewerb und Innovation“ – diskutierten Experten aus Politik, Wirtschaft und Wissenschaft Projekt- und Umsetzungsaspekte für die wirtschaftlichen, politischen, infrastrukturellen und kulturellen Aktionslinien der Donauraumstrategie.

Entwicklung der Wissensgesellschaft, Forschung und Innovation gelten dabei als zentrale Ansatzpunkte für die wirtschaftliche Entwicklung des Donauraums und sind als Prioritätsbereich in den vier Pfeilern der EUSDR verankert. Als konkrete Initiativen erster Umsetzungsvorhaben für diesen Bereich gelten der Aufbau eines rumänischen Instituts für die Erforschung des Donaudelta-Ökosystems und ein Technologietransferprojekt für KMU zwischen Kroatien und Baden-Württemberg.

Quellen

- <http://www.mae.ro/en/node/10993>
- <http://www.mae.ro/en/node/11017>
- <http://derstandard.at/1319182318852/Donauraumgipfel-in-Bukarest>

Weitere Informationen

Hintergrundinformationen zum Informellen Treffen

- <http://www.mae.ro/summitul-dunarii-2011>

Internetseiten der Europäischen Kommission zur Donaustrategie

- http://ec.europa.eu/regional_policy/cooperate/danube/index_en.cfm

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Rumänien

- <http://www.kooperation-international.de/rumaenien>

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Schlagworte

Wirtschaft und Märkte, Internationalisierung

Schweden

Swedish Councils Propose Plan to Improve Research

Six research councils have urged the Swedish government to adopt a five-point plan for improving research and innovation and have voiced concern over a sharp decline in private sector research. The heads of the councils, which have a total portfolio of SEK 9.3 billion (US\$ 1.4 billion), presented their common position to Minister of Education Jan Björklund last month.

Their report “For Swedish Advance in Research and Innovation 2013-16” sets out five major proposals. Crucially, it proposes a new national system for the allocation and re-allocation of funding to universities and research institutes based on the quality, not the quantity, of previous or external funding received, as is often the case currently. It also recommends an incentive system for the use of research results and a new collaborative programme between smaller and larger companies, public institutions and higher education institutions. It further proposes greater international research collaboration and research mobility, notably through an expanded international guest professorship programme, and calls for a national coordinating function for Swedish participation in European Union research programmes.

The report was requested by the government to inform its plans for research and innovation in 2012, which are to be outlined next year, the first such long-term proposal since 2008.

The six research councils are the Swedish Energy Agency; the FAS, Swedish Council for Working Life and Social Research; the Swedish Research Council Formas; the Swedish National Space Board; the Swedish Research Council Vetenskapsrådet; and VINNOVA.

Quelle

- <http://www.universityworldnews.com/article.php?story=20111104135515769/>



Download

För svensk framgång inom forskning och innovation 2013-2016. Underlag till forsknings- och innovationsproposition (nur auf Schwedisch verfügbar)

→ <http://www.vr.se/download/18.65360ed133232dd75e8000802/For-Svensk-Framgang.pdf>

Weitere Informationen

Underlag till forsknings- och innovationsproposition (Website; nur auf Schwedisch verfügbar)

→ <http://www.vr.se/underlag-foi-propp>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Schweden

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

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Schlagworte

Rahmenbedingungen



Slowakei

Presentation of Minister Jurzyca on the 36th UNESCO's General Conference

On 28 October 2011 the Minister of Education, Science, Research and Sport of the Slovak Republic, Eugen Jurzyca, came up in the General political debate on the 36th UNESCO's General Conference in Paris. In his presentation he declared support of the Government of the Slovak Republic to UNESCO task in meeting its millennium targets in field of education, science, culture, social sciences and communication and information.

He stressed the importance of the effectiveness of education in the current world context and the need for better availability of information on the quality of educa-

tion. He mentioned the priority of Slovakia in the education of disadvantaged children and appreciated UNESCO's interest in this European issue.

Quelle

→ <http://www.minedu.sk/index.php?lang=en&rootId=118>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Slowakei

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

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Schlagworte

Bildung, Internationalisierung



Tschechien

Tschechische Wissenschaft muss besser bewertet und finanziert werden

Die Bewertung und Finanzierung der tschechischen Wissenschaft entspricht nicht dem internationalen Standard. Zu dieser Einschätzung gelangt eine Revision der internationalen Firma Technopolis, die im Oktober von Vertretern des Schulministeriums auf einer Konferenz in Prag präsentiert wurde.

Die Wirtschaftsprüfer verweisen in ihrem Bericht vor allem auf die geringe staatliche Unterstützung und die minimale Finanzierung der Wissenschaft von der industriellen Sphäre. Lobend hervorgehoben wird hingegen die verbesserte Qualität der wissenschaftlichen Arbeit. Ab Januar 2012 will das Schulministerium daher ein Projekt starten, das für eine neue und effizientere Finanzierung der Wissenschaft sorgen soll. In dieses Projekt sollen rund 100 Millionen Kronen (ca. vier Millionen Euro) investiert werden.

Quelle

→ <http://www.radio.cz/de/rubrik/nachrichten/nachrichten-2011-10-13#3>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Tschechien

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

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Schlagworte

Rahmenbedingungen, Förderung



Türkei

Turkey's R&D Activities Survey 2010 Results Are Announced

According to the results of the R&D Activities Survey 2010 conducted by Turk-Stat, R&D Expenditures (GERD) in Turkey increased by 14.6 % compared to the previous year and reached almost 4 billion euros in 2010. The share of GERD in GDP reached 0.84 %. Analyzing the sectors financing R&D expenditure, 45.1 % financed by business enterprise sector, 30.8 % by government sector, 19.6 % by higher education sector, 3.7 % by other national sources and 0.8 % by foreign funds in 2010. The total number of full time equivalent (FTE) R&D personnel was 81,792 and FTE researchers was 64,341 in 2010. Resulting an annual increase in FTE R&D personnel of 11.3 % compared to the previous year. Regarding the FTE R&D personnel distribution in 2010 by sectors, 40.2% was employed in higher education sector, 45.9 % was employed in business enterprise sector, and 13.9 % was employed in government sector.

Quelle

→ <http://www.tubitak.gov.tr/sid/0/pid/0/cid/25478/index.htm>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Türkei

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

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Schlagworte

Indikatorik



ICTurkey 2011 International Brokerage Event

ICTurkey 2011 International Brokerage Event was held in Istanbul on 27 September.

ICTurkey 2011 has been an indispensable platform for sharing information and experience on political and technical level in information and communication technologies, establishing new partnerships and cooperating international R&D programmes including Turkey. Therefore, 205 Turkish and 75 foreign researchers from 25 countries and business representatives attended to this event.

In ICTurkey 2011, which contributes to the strengthening of cooperation in R&D, welcome and keynote speeches have been delivered by Mr. Nihat Ergün, Turkish Minister of Science, Industry and Technology; Prof. Yücel Altunbaşak, President of TÜBİTAK and European Commission, Directorate for Information Society (DG INFSO), Strategy for ICT Research and Innovation Unit, Mr. Tom Clausen.

After welcome and keynote speeches, researches were participated to parallel workshops including Key-Enabling ICT Technologies, ICT addressing Societal Challenges, ICT Research in SME Measures and ICT for Public Private Partnerships (Energy Efficient Buildings, Factories of the Future, Green Cars). In this brokerage event, project exhibition, networking and one-to-one partnering meetings opportunities were offered for Turkish researches and invited active researchers from Europe in order to foster R&D cooperation.

As well as networking opportunities, FP7 experts shared their experiences with researches about how to develop and define a winning concept and how to deliver a strong collaborative R&D project.

Quelle

→ <http://icturkey.meeting-mojo.com/>

Weitere Informationen

Updated R&D indicators

→ <http://www.tubitak.gov.tr/sid/2403/pid/2400/index.htm>

Turkish Statistical Institute

→ http://www.turkstat.gov.tr/PreTablo.do?tb_id=8&ust_id=2

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Türkei

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Schlagworte

Schlüsseltechnologien, Kommunikation, Kooperation Wissenschaft-Wirtschaft



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