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Linking Science and Policy at Rio+20

A major five-day Forum on Science, Technology and Innovation for Sustainable Development took place in the days just prior to the Rio+20 Conference in Rio de Janeiro. The Forum brought together leading international scientists and policy-makers to explore the key role of interdisciplinary science and innovation in the transition to sustainable development, a green economy and poverty eradication. The aim was to help establish the research, technology and policy agendas that will be needed after Rio+20.

The programme consisted of thematic sessions focussed on in-depth exploration of key topics and a wide range of side events, including the launch of the new Future Earth initiative and the presentation of the OECD study „Meeting Global Challenges Through Better Governance“ (siehe dazu nächste Beiträge).

The Forum was organised by ICSU, in partnership with UNESCO, the World Federation of Engineering Organizations (WFEO), the International Social Science Council (ISSC), the Brazilian Ministry of Science, Technology and Innovation and the Brazilian Academy of Sciences. It was held at the Pontifical Catholic University (PUC-Rio) in Rio de Janeiro, Brazil.

Quelle

→ <http://www.icsu.org/rio20/science-and-technology-forum>

Weitere Informationen

Summaries of all thematic sessions

→ <http://www.icsu.org/rio20/science-and-technology-forum/programme/programme/forum%20recommendations>

Recordings of thematic sessions

→ <http://puc-riodigital.com.puc-rio.br/cgi/cgilua.exe/sys/start.htm?sid=179>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus UNESCO

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

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Schlagworte

Umwelt, Rahmenbedingungen, Innovation



Future Earth: New Global Platform for Sustainability Research Launched at Rio+20 Forum

An alliance of international partners from global science, research funding and UN bodies, launched a bold new 10-year initiative on global environmental change research for sustainability at the Forum on Science and Technology and Innovation for Sustainable Development on Thursday. Future Earth – research for global sustainability, will provide a cutting-edge platform to coordinate scientific research which is designed and produced in partnership with governments, business and, more broadly, society.

“We need a new approach to address the critical challenges of global environmental change and sustainable development which is more interdisciplinary, more international, more collaborative and more responsive to the users of research”, said Prof. Diana Liverman, co-Director of the Institute of the Environment at the University of Arizona and co-Chair of the Future Earth design team. Future Earth will bring together natural scientists, social scientists, engineers and the humanities with funders and policy makers to align research agendas, understand and anticipate environmental change, and develop innovative solutions.

A series of consultations on how to frame the research questions will engage researchers, policy makers and practitioners, starting in the coming months. These initial consultations will involve an online survey and regional workshops in Asia, Africa, Latin America and Middle East, beginning in the second half of 2012.

This interdisciplinary initiative is jointly established and scientifically sponsored by an alliance that includes the International Council for Science (ICSU), the



International Social Science Council (ISSC), the Belmont Forum, the United Nations Environment Programme (UNEP), the United Nations Educational, Scientific and Cultural Organization (UNESCO), the United Nations University (UNU), and strongly supported by the World Meteorological Organization (WMO).

Quelle

→ <http://www.icsu.org/news-centre/press-releases/press-releases-2012/future-earth-new-global-platform-for-sustainability-research-launched-at-rio-20>

Weitere Informationen

Future Earth

→ <http://www.icsu.org/future-earth/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus UNESCO

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

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Schlagworte

Umwelt, Rahmenbedingungen, Internationalisierung



Globale Herausforderungen drängen: OECD will internationale Wissenschaftskooperation verbessern

In den letzten Jahren ist es immer dringlicher geworden, Herausforderungen sozialer und ökologischer Natur zu bewältigen. Klimawandel, globale Gesundheit, Ernährungssicherheit und viele andere globale Herausforderungen überschreiten nationale Grenzen und berühren immer größere Personenkreise. Meist können einzelne Regierungen keine wirksamen Lösungen bereitstellen. Globale Herausforderungen erfordern Zusammenarbeit auf einer globalen Ebene, um Kapazitäten in Wissenschaft, Technologie und Innovation national und international aufzubauen.

Die OECD fragt: Wie kann die Kooperation mit mehr Mitteln unterlegt und breiter ausgebaut werden? Wie funktionieren verschiedene Governance-Ansätze und welche davon sind wirksam und effizient?

Die Ergebnisse der OECD-Studie wurden einer breiten Öffentlichkeit erstmals am 15. Juni auf dem Forum "Science, Technology and Innovation for Sustainable Development" in Rio de Janeiro im Vorfeld der Rio+20-Konferenz vorgestellt.

Die OECD-Publikation „Meeting Global Challenges Through Better Governance“ basiert auf Fallstudien von Organisationen, die zur Bewältigung globaler Herausforderungen in Wissenschaft, Technologie und Innovation zusammen arbeiten. Untersucht wurden z.B. die Internationale Energieagentur IEA, das Netzwerk internationaler Agrarforschungszentren CGIAR, die Group on Earth Observation GEO sowie die Bill & Melinda Gates-Stiftung. Abgedeckt wird so eine Vielzahl von verschiedenen globalen Herausforderungen, wie z.B. Landwirtschaft, Ernährungssicherheit, Gesundheit, Energie und Klimawandel.

Ziel der Studie es, gute Praxis zu identifizieren und Schlussfolgerungen zu ziehen. Die Veröffentlichung unternimmt so einen ersten Schritt zum besseren Verständnis der Komplexität von Governance-Fragen und legt so eine Basis für zukünftige Forschung.

Bei diesem Vorhaben, das auf eine deutsche Initiative zurückgeht, arbeitete die OECD mit einem internationalen Expertennetzwerk zusammen. Das Deutsche Institut für Entwicklungspolitik (DIE) koordinierte das Netzwerk und leistete den deutschen Expertenbeitrag mit einer Förderung durch das Bundesministerium für Bildung und Forschung BMBF.

Quelle

→ <http://www.oecd.org/sti/stpolicy/governance>

Download

OECD Browse Only Version: Meeting Global Challenges Through Better Governance. International Co-operation in Science, Technology and Innovation

→ http://www.keepeek.com/Digital-Asset-Management/oecd/science-and-technology/meeting-global-challenges-through-better-governance_9789264178700-en

Weitere Informationen

DIE Deutsches Institut für Entwicklungspolitik: Internationale Governance-Strukturen für Forschung und Innovation

→ <http://www.kooperation-international.de/detail/info/die-deutsches-institut-fuer-entwicklungspolitik-internationale-governance-strukturen-fuer-forschung.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Rahmenbedingungen, Internationalisierung

The newly established Global Research Council is comprised of about 50 heads of research councils from around the world and will be governed by a board with equal numbers from developing and developed countries. The statement of merit review principles was developed with two primary objectives. First, the worldwide agreement on core, high-level principles will foster international cooperation between funding agencies that support the scientific research community. Second, for those countries that are developing new funding agencies, the principles provide a global consensus on the key elements necessary for a rigorous and transparent review system. The following merit review principles were released at the May 2012 Global Summit on Merit Review:

- Expert Assessment – Collectively, reviewers should have the appropriate knowledge and expertise to assess the proposal both at the level of the broad context of the research field(s) to which it contributes and with respect to the specific objectives and methodology. Reviewers should be selected according to clear criteria.
- Transparency – Decisions must be based on clearly described rules, procedures and evaluation criteria that are published a priori. Applicants should receive appropriate feedback on the evaluation of their proposal.
- Impartiality – Proposals must be assessed fairly and on their merit. Conflicts of interest must be declared and managed according to defined, published processes.
- Appropriateness – The review process should be consistent with the nature of the call, with the research area addressed, and in proportion to the investment and complexity of the work.
- Confidentiality – All proposals, including related data, intellectual property and other documents, must be treated in confidence by reviewers and organizations involved in the review process.
- Integrity and Ethical Consideration – Ethics and integrity are paramount to the review process.

The next global summit will be hosted by Brazil and Germany in 2013.

World's Science Funders Announce Global Research Council at Inaugural Global Summit on Merit Review

Leaders from a two-day inaugural Global Summit on Merit Review, hosted by the U.S. National Science Foundation (NSF), last month released a set of merit review principles and established a Global Research Council. Heads of research councils from about 50 countries participated in the summit and joined the Global Research Council.

NSF hosted members from G20/OECD (Organisation for Economic Cooperation and Development) countries, which are typically most research intensive, and countries with emerging scientific enterprises, including those involved with the State Department Science Envoys program. The merit review process, as practiced by NSF and other leading funding agencies, is recognized as an essential tool for evaluating scientific research. In releasing a set of common principles, the Summit participants identified best practices and standards that will cultivate multinational research cooperation among countries and across continents.

Quelle

→ http://www.nsf.gov/news/news_summ.jsp?cntn_id=124178&org=NSF&from=news

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Agenda: Global Summit on Merit Review

→ <http://go.usa.gov/plt>

Statement on Principles for Scientific Merit Review

→ <http://go.usa.gov/plL>

Global Summit on Merit Review – Biographical Data

→ <http://go.usa.gov/plo>

Editorial in Science Magazine about Global Summit

→ <http://go.usa.gov/plM>

Weitere Informationen

Global Summit on Merit Review

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

Webcast of the Global Summit press conference

→ http://www.nsf.gov/news/news_videos.jsp?cntn_id=124178&media_id=72475&org=NSF

U.S. National Science Foundation (NSF)

→ <http://www.nsf.gov>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus G8 / G20

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

Fokus OECD

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

Fokus Global

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

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Schlagworte

Evaluation, Internationalisierung

Multinational und interdisziplinär forschen: International Opportunities Fund bietet neue Förderchancen

Die großen Forschungsförderorganisationen aus den G8-Staaten sowie aus Brasilien und Südafrika haben sich zusammen getan, um den International Opportunities Fund als einen gemeinsamen Fonds für die Forschung zu globalen Herausforderungen bereitzustellen. Unter der ersten Bekanntmachung wird multinationale und interdisziplinäre Forschung zu den Themen Gefährdung von Küsten und Schutz von Süßwasser mit einem Volumen von ca. 20 Millionen Euro gefördert.

Beteiligte Länder sind Australien, Brasilien, Deutschland, Frankreich, Großbritannien, Indien, Japan, Kanada, Russland, Südafrika und die USA. Indien stellt seine Teilnahme allerdings noch unter einen Zustimmungsvorbehalt, während Australien keine neuen Fördermittel bereitstellt, sondern anderweitig finanzierte Forschungsleistungen in Kooperationen mit einbringt.

Die breite Beteiligung wurde durch eine Zusammenarbeit der großen Forschungsförderorganisationen aus den G8-Staaten (der sogenannten G8-HORCS) mit dem 2009 gegründeten Belmont Forum erreicht. Die G8-HORCS haben bereits 2010/11 Erfahrungen mit zwei gemeinsamen Calls gesammelt. Das Belmont Forum wird dagegen erstmals durch eine gemeinsame multinationale Ausschreibung tätig. Im Gegensatz zu den G8-HORCS konzentriert sich das Forum thematisch grundsätzlich auf Forschung zum Globalen Wandel und es bezieht neben Organisationen aus den G8-Ländern auch solche aus den großen Schwellenländern mit ein. Die jetzige Ausschreibung orientiert sich an den im sogenannten Belmont Challenge (2011) festgelegten prioritären Zielen und Themen für die Forschung zum globalen Wandel.

Die beantragten Projekte sollen eine Laufzeit von zwei bis drei Jahren haben und eine Förderung in der Größenordnung von ein bis zwei Millionen Euro benötigen. Projektkonsortien können sich beteiligen, sofern die Forscher in mindestens drei verschiedenen Teilnehmerländern arbeiten. Forscher, die in Nichtteilnehmerländern arbeiten, müssen ihre eigene Finanzierung mitbringen, obgleich es Ausnahmen für Entwicklungsländer gibt. Die Konsortien müssen außerdem



Natur- und Sozialwissenschaftler umfassen und Verbindungen zu Anwendern von Forschung (z. B. politischen Entscheidungsträgern, NGOs, Communities, Industrie) aufbauen. Um die Bildung von Konsortien zu erleichtern, können interessierte Antragsteller eine "Research Matching Facility" auf der Webseite des Belmont Forums nutzen.

Forscher an deutschen Universitäten und Forschungseinrichtungen, die sich erfolgreich beteiligen, erhalten eine Förderung von der Deutschen Forschungsgemeinschaft (DFG).

Quelle

→ <http://www.kooperation-international.de/detail/info/internationale-opportunities-fund-iof.html>

Weitere Informationen

Belmont Forum - IGFA International Group of Funding Agencies for Global Change Research

→ <http://www.belmontforum.org/iof>

DFG: G8-Initiative zur multilateralen Forschungsförderung

→ http://www.dfg.de/foerderung/internationale_kooperation/forschungsk Kooperationen/g8-initiative/index.html

Freshwater Security and Coastal Vulnerability – Two Multinational Calls for Proposals

→ <http://www.kooperation-international.de/detail/info/freshwater-security-and-coastal-vulnerability-two-multinational-calls-for-proposals.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus G8 / G20

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

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Schlagworte

Umwelt, Förderung, Internationalisierung



OECD: Modes of Public Funding of Research and Development – Towards Internationally Comparable Indicators

This paper presents the results of the data collection across 18 countries, demonstrating that it is possible to produce new policy relevant indicators on public funding of R&D in addition to those envisaged in the OECD Frascati Manual. The initial findings highlight interesting differences across countries in terms of their approaches to R&D funding. But before conclusions can be drawn on the effectiveness of the different country funding profiles, further work is needed in order to increase the reliability and comparability of the different indicators

Quelle

→ http://www.oecd-ilibrary.org/science-and-technology/modes-of-public-funding-of-research-and-development_5k98ssns1gzs-en

Download

Modes of Public Funding of Research and Development: Towards Internationally Comparable Indicators

→ http://www.oecd-ilibrary.org/modes-of-public-funding-of-research-and-development_5k98ssns1gzs.pdf;uc.epsilon?contentType=/ns/WorkingPaper&itemId=/content/workingpaper/5k98ssns1gzs-en&containerItemId=/content/workingpaperseries/18151965&accessItemIds=&mimeType=application/pdf

OECD Frascati Manual

→ http://www.oecd.org/document/6/0,3746,en_2649_33703_33828550_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

Förderung, Indikatorik



WHO to Continue Talks on Major Reforms to Health R&D

Proposals for new mechanisms to improve the funding and coordination of health research for the developing world, potentially including a binding international convention, will be formally discussed over the next year, the World Health Assembly concluded last month (21-26 May) in Geneva, Switzerland. The WHO's Consultative Expert Working Group on Research and Development (CEWG) has spent a year analysing more than 100 proposals about how to secure new, innovative and sustainable sources of funding, and how to improve the use of existing resources to meet the health research and development (R&D) needs of developing countries.

Its report, published on 5 April, said current market mechanisms and publicly funded research do not provide adequate investment in R&D. As a result, "poor people suffer and die because there are no effective health technologies like medicines, vaccines or diagnostics". It added: "Markets fail because intellectual property rights are not an effective incentive in these circumstances, and public investment is also dominated by the rich world and its own health needs".

Among its key recommendations were a binding international convention on R&D, a commitment by governments to spend 0.01 % of GDP (gross domestic product) on health R&D – which would double current investments – and new sources of sustainable funding, such as taxation on air travel and alcohol. It also called for delinking the costs of R&D from the price of products, open knowledge innovation and the increased use of patent pools.

And while all countries at the World Health Assembly, the policy-making body of the WHO, agreed that the current system needs to be improved, there were differences of opinion on what set of solutions should be implemented. Kenya called for a binding convention. But there was strong opposition from Australia, Canada, the European Union, Japan, Monaco, Switzerland and the United States. The Union of South American Nations — especially the Brazilian delegation — removed the deadlock by calling for more discussions.

The meeting's final resolution calls for a formal process to consider and discuss the CEWG recommendations over the next year. Countries are expected to con-

sult with national stakeholders and continue discussions at WHO regional committee meetings this summer. The WHO has scheduled a meeting in October to discuss the report's recommendations. Countries will be expected to report back to the WHO's Executive Board meeting in January 2013, in time for negotiations at the next World Health Assembly in May 2013.

Quelle

→ <http://www.scidev.net/en/health/news/who-to-continue-talks-on-major-reforms-to-health-r-d.html>

Download

Research and Development to Meet Health Needs in Developing Countries: Strengthening Global Financing and Coordination

→ http://www.who.int/phi/CEWG_Report_5_April_2012.pdf

Weitere Informationen

65th World Health Assembly closes with new global health measures

→ http://www.who.int/mediacentre/news/releases/2012/wha65_closes_20120526/en/index.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

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Schlagworte

Lebenswissenschaften, Rahmenbedingungen, Internationalisierung



EU / Europa

Horizon 2020 and Open Access

Elizabeth Gibney reports on *Times Higher Education* that "the European Union is set to throw the weight of its 80 billion euros (£ 64 billion) research funding programme behind open-access publishing. [...] An official at the European Commission, which is drafting proposals for the Horizon 2020 programme, said

that for researchers receiving funding from its programme between 2014 and 2020, open-access publishing "will be the norm". A pilot under way in seven areas of its current funding programme will be extended to become a mandate across all peer-reviewed research in the new scheme, which will cover fields ranging from particle physics to social science."

Quelle

→ <http://www.timeshighereducation.co.uk/story.asp?storycode=419949>

Download

Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down the rules for the participation and dissemination in 'Horizon 2020 – the Framework Programme for Research and Innovation (2014-2020)'

→ http://ec.europa.eu/research/horizon2020/pdf/proposals/proposal_for_a_regulation_of_the_european_parliament_and_of_the_council_laying_down_the_rules_for_the_participation_and_dissemination_in_horizon_2020%20%282014-2020%29.pdf#view=fit&pagemode=none

Weitere Informationen

Horizon 2020: A €80 Billion Battlefield for Open Access

→ <http://news.sciencemag.org/scienceinsider/2012/05/horizon-2020-a-80-billion-battle.html>

BMBF: Europa auf dem Weg zur Innovationsunion

→ <http://www.bmbf.de/press/3292.php>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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Schlagworte

Rahmenbedingungen, Förderung



RegioStars 2012: EU-Kommission zeichnet innovative EU-geförderte Projekte aus

An innovative und intelligente Projekte aus Schweden, Polen und Österreich sowie zwei transnationale Partnerschaften wurden am 14. Juni 2012 vom EU-Kommissar für Regionalpolitik Johannes Hahn die RegioStars 2012 vergeben. Gemeinsam mit dem Vorsitzenden der Jury, Luc van den Brande, verlieh Kommissar Hahn die Auszeichnungen in den fünf Preiskategorien für vorbildliche Verfahren im Bereich Regionalentwicklung an Projekte, die von der EU bezuschusst wurden.

Kommissar Hahn kommentierte: „Wir betonen immer wieder, wie wichtig es ist, in dynamische und innovative Sektoren wie Forschung und Entwicklung, Infrastruktur und Energieeffizienz zu investieren, damit Europa in einer immer stärker globalisierten Wirtschaft weiterhin den Ton angeben kann. Die diesjährigen Preisträger sind Musterprojekte in den Bereichen Wirtschaft mit geringem Kohlenstoffausstoß, Anpassung an den Klimawandel und Bekämpfung der Marginalisierung, die alle darauf abzielen, die Lebensqualität der Bürgerinnen und Bürger zu verbessern. Ich kann voller Stolz sagen, dass jedes einzelne dieser Projekte richtungweisend bei der Umsetzung unserer gemeinsamen Europa-2020-Ziele ist.“

Alle EU-Regionen waren eingeladen, Projekte vorzulegen, die nach dem 1. Januar 2000 aus dem Europäischen Fonds für regionale Entwicklung (EFRE) oder dem Kohäsionsfonds gefördert wurden. Bei dieser fünften Auflage der RegioStars gingen bei der Europäischen Kommission 107 Bewerbungen ein, unter denen die 24 Finalisten ausgewählt wurden.

Die fünf Preiskategorien 2012 sind:

- Intelligentes Wachstum: Innovative Projekte oder Strukturen, die Dienstleistungsinnovationen in ihren unterschiedlichen Formen unterstützen
- Nachhaltiges Wachstum: Investitionen in Ökosystemleistungen und grüne Infrastruktur, die zu nachhaltiger regionaler Entwicklung führen

- Integratives Wachstum: Strategien, Initiativen oder Projekte, die sich mit der Herausforderung des demografischen Wandels beschäftigen und das aktive Altern fördern (2012 ist das „Europäische Jahr des aktiven Alterns und der Solidarität zwischen den Generationen“)
- Kategorie CityStar: integrierte Strategien für die Entwicklung benachteiligter städtischer Gebiete
- Kategorie Information und Kommunikation: Information der Öffentlichkeit im Internet über Projekte, die im Rahmen der EU-Regionalpolitik unterstützt werden

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/12/607&format=HTML&aged=0&language=DE&guiLanguage=en>

Weitere Informationen

RegioStars Webseite

→ <http://www.ec.europa.eu/regiostars>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

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Schlagnworte

Umwelt, Demografischer Wandel, Förderung



The Policy Practitioners Dilemma: the National Policy and the Transnational Networks

This report is a conclusion of empirical experiences of attempts to boost innovation made by two different professions. The first is the policy practitioner, repre-

sented by participants in the GLOVAL project (Global Value Chains as an Emerging Challenge for National and European Research and Technological Development Policies), where representatives of 10 EU member states participated. The second is the researcher, represented by scholars engaged in a wide variety of disciplines; from economic history, history of technology, science and technology studies, economic anthropology, to business studies with empirical studies of innovation as the common denominator.

The contribution of the author was to utilize these respective professions' experiences; not least the work carried out within her own research field, industrial network research, in the discussion on how support can be created for innovation processes that lead both to economic growth and to societal benefits for the investing communities.

The critical question for policy makers is: whether and how RTD support policies can be designed and executed in order to get the best possible (national/regional) results for the (national/regional) money invested? GLOVAL seeks to answer this question through three areas of inquiry:

- What kind of RTD policies will give the best results with those enterprises, research and technology organisations (RTOs), universities and others that are already deeply-rooted in Global Value Chains with an important share of their activities located in other countries?
- What kind of R&D policies will give the best results with enterprises, RTOs, universities, and others that mostly operate nationally and locally? How best to support these actors to get linked into global networks?
- What kind of R&D policies can make national/regional research environments attractive to Global Value Chains, either to locate or to tie tight linkages to national/regional operators?

GLOVAL offers RTD policymakers practical tools for appraising public RTD investments in cases with a significant global value chain dimension.

The research leading to this report received funding from the European Union's Seventh Framework Program under grant agreement no 234608 GLOVAL and from the Handelsbanken Research Foundation.

Quelle

→ <http://www.iwt.be/english/iwt-content/iwt-study/70-policy-practitioners-dilemma-national-policy-and-transnational-netw>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Rahmenbedingungen, Innovation



Frankreich

Ministerin für Hochschulwesen und Forschung setzt neue Akzente in der französischen Hochschulpolitik

In einem Gespräch mit Le Monde vom 3./4. Juni 2012 kündigt die neue französische Ministerin für Hochschulwesen und Forschung, Geneviève Fioraso, statt einer Reform des Hochschulgesetzes vom 10. August 2007 (LRU – liberté et responsabilités des universités) ein Gesetz mit Neuorientierungen der Hochschulpolitik an, das an die Stelle des LRU treten soll. Der Gesetzentwurf soll nach einer breit angelegten Konsultation mit der gesamten universitären Gemeinschaft Anfang des Jahres 2013 dem Parlament zugeleitet werden.

Die "Baustellen", die die Ministerin vor sich sieht sind:

1. Die Neudefinition der Autonomie der Universitäten

Zwar werde die Autonomie der Universitäten nicht in Frage gestellt. In realistischer Einschätzung habe die LRU jedoch den Universitäten nicht wirklich die Instrumente an die Hand gegeben, die ihnen im Grundsatz eingeräumte Auto-

nomie auszuüben. Die LRU zeichne sich durch enorme Fehler aus: auf dem Papier Aufgabe der „Kollegialität in Verbindung mit der Einführung einer Konzentration der Entscheidungsbefugnisse bei den Präsidenten der Universitäten“. Sobald die Präsidenten jedoch versuchten, Innovationen einzuführen oder auf der Autonomie ihrer Universitäten beharrten, falle ihnen das Ministerium in den Arm. Für Geneviève Fioraso ist ein weiterer Kritikpunkt der LRU die Zusammensetzung der universitären Verwaltungsräte, die die vorher bestehenden Mitwirkungsrechte der Hochschullehrer und der Studierenden eingeschränkt hätten. Zum Beispiel sei an die Schaffung „Akademischer Senate“ als Gegengewicht zu den Verwaltungsräten zu denken.

2. Haushaltmäßige Gestaltungsspielräume

Gegenüber den von Seiten der Gewerkschaften, der Hochschullehrer und der Studenten geltend gemachten Forderungen (Anpassung der Gehälter; Schaffung von zusätzlichen 1.000 Stellen von "enseignant-chercheurs"; Erhöhung der Stipendien und Erweiterung des berechtigten Personenkreises noch vor der Einführung einer echten, die finanzielle Autonomie der Studierenden gewährleistenden "allocation d' autonomie", die Staatspräsident Hollande vor seiner Wahl versprochen habe) will die Ministerin zunächst noch eine Stellungnahme des Rechnungshofes abwarten. Im Verlauf der dritten Juniwoche will sie dann die Karten auf den Tisch legen. Insgesamt zeigt sich Geneviève Fioraso den Forderungen gegenüber eher zurückhaltend.

3. Die Studienerfolge der Studierenden im ersten Abschnitt ihres Studiums

Die Ministerin stellte fest, dass zu dem im Jahre 2007 gestarteten Plan "Réussir en licence" (730 Millionen Euro) keine Daten vorliegen, die messbar zu verzeichnende Erfolge und eine Gesamtbewertung des Programms erlaubten.

4. Programm Zukunftsinvestitionen / "Instituts d' excellence" (IDEX)

Geneviève Fioraso möchte die Verwendung des Begriffs „Exzellenz“ lieber vermeiden. Acht Projekte habe die Vorgängerregierung vor den Präsidentschaftswahlen ausgewählt, sechs seien durch Verträge zwischen dem Staat und den betreffenden Akteuren unter Dach und Fach gebracht, zwei Projekte (Toulouse, Sorbonne – Paris-Cité) zurückgestellt worden.

Von Seiten der Gewerkschaften wird das Konzept der IDEX als solches kritisiert; von einigen Gewerkschaften (Snesup, SNCSFSU und "Mouvement sauvons l'université") wird sogar die Aufgabe des Konzepts gefordert.

Die Ministerin warnt insoweit vor einem brutalen Vorgehen, verspricht aber das Problem wieder aufzurollen; kein gutes Projekt werde dadurch Schaden nehmen Sie spricht sich für eine "stratégie de sites" unter einer neuen Bezeichnung aus, die noch gemeinsam festzulegen sei. Man müsse der Diversität der Universitäten Rechnung tragen. Man werde keine Riesengebilde in die Welt setzen.

5. Die „Opération Campus“

Die Ministerin beurteilt die geplanten Verträge zur Erneuerung von zwölf universitären Standorten in der Form von Private-Public-Partnerships (PPP) sehr streng: "Vier Jahre nach dem Start der Operation ist – abgesehen von einigen Nebenkosten (u. a. Planungskosten) – noch kein Euro überwiesen worden. Die PPP kosten viel Geld und sind nur für die großen Baufirmen von Vorteil. Wir müssen uns andere rechtliche und finanzielle Gestaltungskostennormen ausdenken, die weniger komplex sind, und die "Caisse des dépôts" in die Finanzierung einbeziehen."

Quelle

→ <http://www.kooperation-international.de/detail/info/frankreich-die-ministerin-fuer-hochschulwesen-und-forschung-genevieve-fioraso-setzt-in-der-franzoe.html>

Weitere Informationen

Ministère de l'Enseignement Supérieur et de la Recherche – La Ministre: Geneviève Fioraso

→ <http://www.enseignementsup-recherche.gouv.fr/pid24643/la-ministre.html>

French research minister appointed

→ <http://blogs.nature.com/news/2012/05/french-research-minister-appointed.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

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

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Schlagworte

Hochschulen, Rahmenbedingungen



French Biotech Sector Struggling

Barbara Casassus reports on *Nature News Blog* that “fallout from the economic crisis continues to cast a pall over the French life-science sector. The number of new firms created in 2011 plunged 47 %, from 46 in 2010 to 24 last year, and the number of closures soared by 400 %, from 5 in 2008 to 25 in 2011. And the funding picture is no brighter for the survivors, according to the 150-strong association France Biotech. Its 2011 Life Sciences Panorama showed that biotechnology and medical device firms raised only 277 million euros from venture capitalists, new stock market listings and refinancings, down 40 % from 460 million euros in 2010. The French are not alone: biotech financing across the European Union (EU) dropped by an average of 36 % year-on-year, to the equivalent of 3,327 million euros, whereas it jumped by 44 % to \$ 31,559 million in the United States.”

Quelle

→ <http://blogs.nature.com/news/2012/05/french-biotech-sector-struggling.html>

Weitere Informationen

France Biotech: Life Sciences Panorama

→ <http://www.france-biotech.org/france-biotech-devoile-les-resultats-de-la-dixieme-edition-de-son-%C2%AB-panorama-des-sciences-de-la-vie-%C2%BB-2011-realisee-en-partenariat-avec-ernst-young/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

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

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Schlagworte

Lebenswissenschaften, Wirtschaft und Märkte



Großbritannien

Debatte über gentechnisch veränderten Weizen in Großbritannien

Ein Freisetzungsvorhaben mit gentechnisch verändertem Weizen in der Nähe von London kann weitergehen. Die Polizei verhinderte die für den 27. Mai geplante Zerstörung. Vorausgegangen war eine breite öffentliche Debatte in ganz Großbritannien, in der die Wissenschaftler offensiv auf die Kritiker zugehen. Letztere argumentierten, das Forschungsprojekt sei überflüssig und würde nur Umweltrisiken mit sich bringen. Die Wissenschaftler stellten per Video, Blog und Twitter dar, dass sie versuchen, zu einer umweltfreundlicheren Landwirtschaft beizutragen. Eine Online-Petition gegen die Feldzerstörung erreichte über 6.000 Unterschriften.

Nachdem die Initiative *Take the flour back* öffentlich angekündigt hatte, das Versuchsfeld am Rothamsted Research Institute am 27. Mai zu zerstören, erhielt sie am 1. Mai eine öffentliche Videobotschaft. Darin erläutern vier beteiligte Wissenschaftler ihr Forschungsprojekt, bitten die Kritiker, das Versuchsfeld nicht zu zerstören, und fordern sie zur Diskussion auf. Der Appell wurde – auch in Schriftform – auf der Internetseite der Organisation *Sense about Science* veröffentlicht, zusammen mit einer Online-Petition gegen die Zerstörung des Versuchs. Zahlreiche Zeitungen berichteten darüber, und am 22. Mai trafen Vertreter beider Seiten im Fernsehen bei der *BBC Newsnight* aufeinander.

Es ist nicht zuletzt dem offensiven Verhalten der Wissenschaftler zu verdanken, dass in den letzten Wochen in der britischen Öffentlichkeit intensiv über die Grüne Gentechnik diskutiert wurde. Da *Take the flour back* aber nicht von der

Feldzerstörung abrückte, wurde das Versuchsfeld am Ende von der Polizei geschützt. Am 27. Mai erschienen am Institutsgelände etwa 400 Gentechnik-Gegner und ungefähr genauso viele Polizisten. Es blieb bei einer friedlichen mehrstündigen Demonstration im Rothamsted Park. In der folgenden Nacht wurde allerdings der Server des Forschungsinstitut durch einen Cyber-Angriff für mehrere Stunden lahmgelegt. Doch der Freisetzungsvorhaben kann weitergehen, die Debatte über Grüne Gentechnik auch.

Quelle

→ <http://www.biosicherheit.de/aktuell/1418.debatte-gentechnisch-veraenderter-weizen-grossbritannien.html>

Weitere Informationen

Video-Botschaft der Wissenschaftler vom Rothamsted Research Institute an die Gentechnik-Gegner

→ http://www.youtube.com/watch?feature=player_embedded&v=I9scGtf5E3I

Rothamsted Research Institute

→ <http://www.rothamsted.ac.uk>

Petition Don't destroy research - Sense about Science

→ <http://www.senseaboutscience.org/petition.php>

Take the flour back

→ <http://taketheflourback.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

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Schlagworte

Lebenswissenschaften, Rahmenbedingungen



Japan

MEXT and NSF Statement on Big Data and Disaster Research Collaboration

The catastrophic consequences of natural and human disasters have been demonstrated repeatedly in recent years, most notably in the great East Japan earthquake, tsunami and nuclear disaster but also in the Deepwater Horizon oil spill, hurricane Katrina, and regional droughts, floods and fires. These events clearly demonstrate the urgent need for basic research to advance fundamental knowledge and innovation for disaster prevention, mitigation and management. The big data revolution holds the potential to mitigate the effects of these events by enabling access to critical real time information.

NSF Director Dr. Subra Suresh and MEXT Minister Mr. Hirofumi Hirano met in Tokyo on 5 June, and agreed that U.S.-Japan collaboration in disaster research would yield important mutual advantages, leveraging our respective experiences and expertise to reduce vulnerability and enhance resilience in our societies. We agreed in principle to support broad-based research collaborations among computer scientists, engineers, social scientists, biologists, geoscientists, physical scientists and mathematicians that strengthen our understanding of disaster robustness and resilience through big data.

Among the topics they agreed had potential for research collaboration are:

- Harnessing the big data generated by disasters to advance analytic, modeling, and computational capabilities, with applications such as probabilistic hazard models.
- Improving the resilience and responsiveness of information technology to enable real time data sensing, visualization, analysis, experimentation and prediction, critical for time-sensitive decision making.
- Advancing fundamental knowledge and innovation for resilient and sustainable civil infrastructure and distributed infrastructure networks.

- Acquiring big data and improving broad knowledge of preparedness and response at human, societal and global scales, including the human, social, economic and environmental dimensions.
- Integrating expertise from multiple disciplines, input from end users and big data from all sources in the emergency preparedness and response community.

They agreed to develop a plan of action at working level, with the aim of announcing a more detailed agreement before the end of 2012.

Quelle

→ http://www.nsf.gov/news/news_summ.jsp?cntn_id=124398&org=NSF&from=news

Weitere Informationen

Japan Ministry of Education, Culture, Sports, Science and Technology (MEXT)

→ <http://www.mext.go.jp/english/>

U. S. National Science Foundation (NSF)

→ <http://www.nsf.gov>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Japan

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

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Schlagworte

Schlüsseltechnologien, Umwelt, Internationalisierung



Kanada

Secure, Sustainable Funding for Indigenous Participation in Arctic Council a Key Priority

Finding a new way to fund the full participation of northern indigenous groups with Permanent Participant status at the Arctic Council in all of the organization's working groups and activities should be a top priority when Canada takes the chair of the influential inter-governmental organization next year. The recommendation is one of 19 offered last month (29 May) by one of Canada's foremost initiatives on Arctic issues – the Munk-Gordon Arctic Security Program – to the Canadian government as it prepares to chair the Arctic Council in 2013.

The proposals flow from a two day meeting in Toronto last January involving more than 100 stakeholders from 15 countries – including northern indigenous leaders and six foreign ambassadors.

The paper, *Canada as an Arctic Power: Preparing for the Canadian Chairmanship of the Arctic Council*, recommends that Canada encourage recognition of the special role for regional, state, and territorial governments in Arctic governance and particularly in the Arctic Council.

With interest growing in the rapidly-changing Arctic, several non-Arctic nations seek Observer status. The paper recommends that any would-be Observer nations first be required to “publicly declare [their] respect for the sovereignty of

Full members of the Arctic Council are Canada, Russia, the United States, Norway, Finland, Sweden, Iceland and Denmark (Greenland) – the eight countries with Arctic territory. Six northern Indigenous groups – the Inuit Circumpolar Council, Arctic Athabaska Council, Gwich'in Council International, Sami Council, Russian Association of the Indigenous Peoples of the North (RAIPON) and Aleut International Association – wield strong influence as Permanent Participants. The Arctic Council is the only international organization that gives Indigenous peoples a formal place at the table. Six non-Arctic nations sit in as Observers today: the United Kingdom, France, Germany, Spain, Poland and the Netherlands, joined by nine intergovernmental and inter-parliamentary organisations, and 11 NGOs.

Arctic states and the rights of Arctic indigenous peoples.” Non-Arctic states interested in observer status include China, India, Brazil, Japan, Singapore, South Korea, the European Union and individual European nations such as Italy.

The recommended condition that observers must declare respect for the sovereignty of the Arctic states and the rights of the Arctic indigenous peoples would affect the European Union's consideration as an Observer, due to their stance on indigenous peoples hunting and selling their products on the international market.

Quelle

→ <http://gordonfoundation.ca/press-release/532>

Download

Canada as an Arctic Power: Preparing for the Canadian Chairmanship of the Arctic Council

→ http://gordonfoundation.ca/sites/default/files/publications/CanadaasanArcticPower_1.pdf

Weitere Informationen

Arctic Council

→ <http://www.arctic-council.org>

Walter & Duncan Gordon Foundation

→ <http://gordonfoundation.ca>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

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

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Schlagworte

Umwelt, Internationalisierung



Harper Government Focuses on Innovation as Key Driver of Hydrogen Industry

Gary Goodyear, Minister of State for Science and Technology, delivered the opening address at the World Hydrogen Energy Conference 2012, speaking about Canada's role in the hydrogen and fuel cell industry. He also talked about the potential opportunities that exist in this emerging industry and outlined how Canada is fuelling innovation in business through Economic Action Plan 2012.

[...] Canada's hydrogen and fuel cell sector is recognized for its role in developing clean technology applications. The Minister of State said that innovation and collaboration are key to the success of this emerging industry.

"While hydrogen already plays a significant role in today's global economy, its potential for enabling global clean energy systems remains untapped," said Minister of State Goodyear. "Through increased collaboration and innovation, I'm certain that we can accelerate the commercialization of hydrogen technologies globally for the benefit of all."

Economic Action Plan 2012 is setting the right conditions for Canada's hydrogen and fuel cell industry. The Action Plan builds on Canada's advantageous economic position and adopts a new approach to enhance support for greater business innovation. This includes providing \$ 400 million to help high-growth firms access risk capital, supporting private and public research collaboration, and encouraging innovation through procurement.

The World Hydrogen Energy Conference, the largest such conference in the world, showcases the latest in fuel cell and hydrogen technologies.

Quelle

→ <http://news.gc.ca/web/article-eng.do?mthd=tp&crtr.page=1&nid=678369&crtr.tp1D=1>

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Schlagworte

Energie, Innovation



Russland

New Russian Science Minister Will Continue Push From Academy to Universities

Andrey Allakhverdov reports on *ScienceInsider* that "newly reelected Russian President Vladimir Putin will be missing a familiar face at the cabinet table following the announcement [on 22 May] that his longtime colleague and personal friend Andrei Fursenko will not return as Minister for Education and Science in the new cabinet. Instead, he has been appointed an adviser to the president. In his cabinet seat will be Dmitry Livanov, rector of the National University of Science and Technology (MISIS), and Fursenko's deputy from 2005 to 2007."

According to *ScienceInsider* "Livanov laid out his philosophy last year in an article in *Expert*, an authoritative Russian magazine. He detailed the measures necessary to successfully reform Russian science. Among his priorities were the need to raise research funding, improve the quality of research evaluation, and shift the emphasis in research from RAS [Russian Academy of Sciences] institutes to universities."

Quelle

→ <http://news.sciencemag.org/scienceinsider/2012/05/new-russian-science-minister-wil.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Rahmenbedingungen



New Education Minister Wants to Halve Number of State Scholarships

New education minister and former Moscow Institute of Steel and Alloys rector Dmitry Livanov said the country needs to cut the number of university students that receive money from the state budget.

In an interview with Rossiiskaya Gazeta published on 22 May, Livanov emphasized that the move would not undermine support for students, but would represent a shift in strategy. Despite a decreased need for new engineers, the number of students in the field has increased three-fold, he said.

"It's obvious that the number of [scholarship] spots should be decreased, but the stipend for each student should be significantly more," the minister said. Livanov suggested stipends should be raised from their current 60,000 rubles (\$ 2,000) per year to between 200,000 and 250,000 rubles (\$ 6,500 to \$ 8,000).

The minister also said the quality of technical education needs to be improved, suggesting that professors should be more actively recruited and salaries should be raised. Livanov said the average professor at his former university makes about 60,000 rubles a month and that some make as little as 30,000 rubles. Previous education minister Andrei Fursenko had also spoken in favor of decreasing scholarship spots.

Quelle

→ <http://www.themoscowtimes.com/news/article/new-education-minister-wants-to-halve-number-of-state-scholarships/458980.html#ixzz1xldTiRxC>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Hochschulen, Förderung



Financial Support of Three Russian Scientific Mega-Projects to be increased

The financial support of three Russian scientific mega-projects will be increased. Among these are:

- High-flux research nuclear reactor (PIK), St.-Petersburg Institute of Nuclear Physics in Gatchina, near St.-Petersburg (in partnership with Germany and with probable involvement of North European and Baltic States);
- Tokamak fusion reactor called IGNITOR (Russia-Italy joint project open to accession of other international partners), Troitsk Institute for Innovation & Fusion Research (TRINITI);
- NICA, Nuclotron based Ion Collider Facility, Joint Institute for Nuclear Research, Dubna.

The working group of the Ministry for Education and Science of the Russian Federation made such conclusion in January 2012 after consideration of interest expressed and contribution proposed by international organizations in respect of six mega-science projects approved in June 2011. Mega-science projects are not only about the prestige of a nation. One of the criteria to select such projects was willingness of other countries to take part in their development.

Quelle

→ <http://www.poisknews.ru/news/official/3336/> (Russisch)

Weitere Informationen

Three Russian mega-science projects supported by foreign organizations

→ <http://www.kyivpost.com/news/russia/detail/121189/#ixzz1xlfoveF8>

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Schlagworte

Schlüsseltechnologien, Förderung, FuE-Infrastruktur



Energy Dialogue with Russia Despite Different Motives

Russia wants to save energy, mainly for economic reasons. The Nordic countries and the EU want to do it for environmental reasons. Fortunately, Nordic-Russian collaboration on energy-efficient solutions is making progress despite the difference in motives.

"It is in our common interest to conserve energy and to produce it in an environmentally safe and sound manner," says Valentina Pivnenko, first deputy chair of the State Duma Committee for Regional Policy and chair of the Baltic Sea Parliamentary Conference (BSPC).

A group of Nordic and Russian politicians gathered for roundtable talks on energy efficiency and sustainable energy production in Helsinki on 14-15 May. The interests of the far North were a unifying factor in their discussions.

"Much of Russia's energy resources are in Arctic areas and the Nordic countries possess a great deal of knowledge that would be useful to any partnership," says the President of the Nordic Council, Kimmo Sasi.

"It is important that Russia and Europe protect the vulnerable environment in northern areas by extracting energy in a sustainable manner. Energy efficiency also means cheaper energy, and lower electricity costs are important to ordinary

people, as well as being beneficial to business and industry," Pivnenko points out.

The Russian politician also thinks that co-operation, both between parliamentarians and in the energy sector, has come a long way, noting that the Nordic countries and Russia are currently working together on 18 energy projects. Among the most ambitious are the projects on the Yamal Peninsula in Siberia, in which a large number of international companies are involved. In a joint statement the delegates to the talks expressed their willingness to develop the dialogue on green energy production and environmental controls. They also agreed on the need to continue the current projects under the Northern Dimension Partnership for the Environment, Transport and Logistics.

Valentina Pivnenko also sees potential for Nordic-Russian partnerships in the development of traffic eastward through the North-east Passage. "A lot of countries would benefit from shipping in the North and are interested in developing the infrastructure. There will be a need for new ships, research, new port terminals... all of which will boost economic development," she explains.

Quelle

→ <http://www.norden.org/en/news-and-events/news/energy-dialogue-with-russia-despite-different-motives>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Russland

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

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Schlagworte

Energie, Internationalisierung



Obama Administration Presents National Plan to Fight Alzheimer's Disease

Health and Human Services (HHS) Secretary Kathleen Sebelius last month (15 May) released an ambitious national plan to fight Alzheimer's disease. The plan was called for in the National Alzheimer's Project Act (NAPA), which President Obama signed into law in January 2011. The National Plan to Address Alzheimer's Disease sets forth five goals, including the development of effective prevention and treatment approaches for Alzheimer's disease and related dementias by 2025.

As many as 5.1 million Americans have Alzheimer's disease and that number is likely to double in the coming years. At the same time, millions of American families struggle with the physical, emotional and financial costs of caring for a loved one with Alzheimer's disease.

To help accelerate this urgent work, the President's proposed FY 2013 budget provides a \$ 100 million increase for efforts to combat Alzheimer's disease. These funds will support additional research (\$ 80 million), improve public awareness of the disease (\$ 4.2 million), support provider education programs (\$ 4.0 million), invest in caregiver support (\$ 10.5 million), and improve data collection (\$ 1.3 million).

The initiatives announced include:

- Research – The funding of new research projects by the National Institutes of Health (NIH) will focus on key areas in which emerging technologies and new approaches in clinical testing now allow for a more comprehensive assessment of the disease. This research holds considerable promise for developing new and targeted approaches to prevention and treatment. Specifically, two major clinical trials are being funded. One is a \$ 7.9 million effort to test an insulin nasal spray for treating Alzheimer's disease. A second study, toward which NIH is contributing \$ 16 million, is the first prevention trial in people at the highest risk for the disease.

- Tools for clinicians – The Health Resources and Services Administration has awarded \$ 2 million in funding through its geriatric education centers to provide high-quality training for doctors, nurses, and other health care providers on recognizing the signs and symptoms of Alzheimer's disease and how to manage the disease.
- Easier access to information to support caregivers – HHS' new website, www.alzheimers.gov, offers resources and support to those facing Alzheimer's disease and their friends and family. The site is a gateway to reliable, comprehensive information from federal, state, and private organizations on a range of topics. Visitors to the site will find plain language information and tools to identify local resources that can help with the challenges of daily living, emotional needs, and financial issues related to dementia. Video interviews with real family caregivers explain why information is key to successful caregiving, in their own words.
- Awareness campaign – The first new television advertisement encouraging caregivers to seek information at the new website was debuted. This media campaign will be launched this summer, reaching family members and patients in need of information on Alzheimer's disease.

Quelle

→ <http://www.nia.nih.gov/newsroom/2012/05/obama-administration-presents-national-plan-fight-alzheimers-disease>

Weitere Informationen

National plan to address Alzheimer's disease

→ <http://www.alzheimers.gov>

Background information on the clinical trials announced on 15 May

→ <http://www.nia.nih.gov/newsroom/backgrounder-nih-funds-clinical-trials-testing-new-approaches-alzheimers>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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

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Schlagworte

Lebenswissenschaften, FuE-Budgets



Obama Administration Announces Clean Coal Research Awards for Universities Across the Country

As part of President Obama's all-of-the-above approach to American energy, the Energy Department announced that nine universities have won awards for research projects that will continue to support innovation and development of clean coal technologies. The awards, which will leverage student-led teams across the country as they continue research and development of new technologies and materials that will advance clean coal energy production, are part of the Administration's focus on ensuring we can rely on a broad range of energy sources as we move towards a clean energy economy.

The projects announced on 6 June at the nine universities will each receive approximately \$ 300,000 to spur the next generation of trained scientists and engineers from universities across the nation to focus on the development of high-temperature, high-pressure corrosion-resistant alloys, protective coatings, and structural materials for advanced coal-fired power plants and gas turbines. Research projects will also develop new processes and computational design methods to develop these materials, improve efficiency and reduce the costs of cleaner power generation systems. The Energy Department's \$ 2.7 million investment will be leveraged with additional funds from the universities to support \$ 3.1 million in total projects.

Quelle

→ <http://energy.gov/articles/obama-administration-announces-clean-coal-research-awards-universities-across-country>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Energie, Hochschulen, Förderung, Innovation



Senate Panel Gives NIH \$100 Million Boost for 2013

Jocelyn Kaiser reports on *ScienceInsider* that "a Senate panel approved (12 June 2012) a modest \$ 100 million raise for the National Institutes of Health (NIH) in the 2013 fiscal year which begins on 1 October. The 0.3 % bump to a total of \$ 30.723 billion is slightly better than the president's request for no increase but disappointing to the research community."

The NIH budget is part of a broader spending bill for Labor, Health and Human Services, and Education, and Related Agencies.

Quelle

→ <http://news.sciencemag.org/scienceinsider/2012/06/senate-panel-gives-nih-100.html>

Download

Summary: Fiscal Year 2013 Labor, Health and Human Services, and Education, and Related Agencies Appropriations Bill

→ <http://www.appropriations.senate.gov/news.cfm?method=news.download&id=5917d66e-f193-49b0-b649-405948524a54>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Lebenswissenschaften, FuE-Budgets



Ägypten

Egypt Activates High Speed Data Link for Researchers

Egypt has become the first African country to join a high-speed Internet network aimed at research institutions that will boost the speed of data transfer with thousands of universities and science facilities across the world. The Global Ring Network for Advanced Applications Development (GLORIAD) offers research institutions speeds of up to 10 gigabits per second. It was started in 1998, initially linking the United States with Russia.

The African link first arrived in Egypt in 2010 – making it an entry point for this high-speed research network to the rest of Africa – but its activation was delayed due to the social upheaval that accompanied the Arab Spring.

"Although we successfully demonstrated the link during the fourth meeting of the African Ministerial Council of Science and Technology (AMCOST IV) in March 2010, the uprising in Egypt disrupted the project, and brought new challenges," Majid Al-Sadek, project manager at the Egyptian National Scientific and Technical Information Network (ENSTINET), told SciDev.Net.

"The major challenge was that the body that promised our funding – other than the seed funding from US National Science Foundation (NSF) – was no longer prepared to fund the link after the revolution, but the Ministry of Scientific Research secured the funds, and the link came to life at the end of 2011."

But, although the link to the GLORIAD network became active in December 2011, many researchers are still unaware of it. Maged El-Sherbiny, president of the Academy of Scientific Research and Technology told SciDev.Net: "Most researchers in Egypt still need to be introduced to the new link, so the academy is planning a large international workshop at the start of next month." He added that the workshop will gather "all Egyptian universities and research centres' representatives with their counterparts in many African countries to highlight the best use of the link".

According to El-Sherbiny the academy is now discussing extending the link to the countries in the region via two rings: a northern one for North African coun-

tries (Algeria, Libya, Morocco, Tunisia), and an eastern one for the Nile Basin countries (Ethiopia, Sudan and South Sudan).

Egypt is working to improve research networks in the Gulf region through GLO-RIAD's new GulfLight project, and in West Africa through a partnership with the telecommunications provider Baharicom. It is also seeking to develop the first Global Optical Light Exchanges (GOLE) in Africa to serve scientists and educators by increasing the speed of internet connection.

Quelle

→ <http://www.scidev.net/en/new-technologies/icts/news/egypt-activates-high-speed-data-link-for-researchers.html>

Weitere Informationen

Global Ring Network for Advanced Applications Development (GLORIAD)

→ <http://www.gloriad.org/gloriaddrupal/>

Ministerial Council of Science and Technology (AMCOST IV)

→ <http://www.africa-union.org/root/AU/Conferences/2010/March/Amcost/Amcost.htm>

Egyptian National Scientific and Technical Information Network (ENSTINET)

→ <http://www.sti.sci.eg/>

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Schlagworte

Kommunikation, Rahmenbedingungen, Internationalisierung



Argentinien

Argentina Takes Steps Towards Open Access Law

Argentina is a step closer to becoming the first country to pass legislation to make all publicly funded research available in open access repositories. The Chamber of Deputies passed a new bill last month (23 May) stating that all national scientific institutions must provide open access (OA) archives of their research, allowing the public full access to journal articles, dissertation theses and technical reports, as well as data obtained by publicly funded projects, but excluding confidential data.

To avoid conflict with copyright and intellectual property rights, full access to papers will commence six months after their first publication, and raw data will be available after five years. The law is now under consideration by the senate.

The law has institutional support from Buenos Aires University, La Plata University, and Argentina's National Scientific and Technical Research Council (CONICET), according to Ceccatto.

In 2011, Argentina created a national system of digital repositories to ensure that archived research is accessible across all institutes.

Argentina is also working on a digital repository for all Latin America's research output, in a project within the Regional Public Goods Program and lead by the Latin American Cooperation of Advanced Networks, funded by the Inter-American Development Bank.

Quelle

→ <http://www.scidev.net/en/science-communication/open-access/news/argentina-takes-steps-towards-open-access-law.html>

Download

Text des Gesetzentwurfes (Spanisch)

→ <http://www.hcdn.gov.ar/dependencias/dcomisiones/periodo-130/130-326.pdf>

Weitere Informationen

Sistema Nacional de Repositorios Digitales

→ <http://repositorios.mincyt.gob.ar>

RedCLARA -Cooperación Latino Americana de Redes Avanzadas (Latin American Cooperation of Advanced Networks)

→ http://www.redclara.net/index.php?option=com_content&view=article&id=3&Itemid=387&lang=en

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Argentinien

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Schlagworte

Rahmenbedingungen



Chile

NSF and CONICYT Strengthen Scientific Cooperation in Chile

The U.S. National Science Foundation (NSF) and the Chilean Comisión Nacional de Investigación Científica y Tecnológica (CONICYT) signed a memorandum of understanding (MoU) on 15 May to further scientific and educational cooperation between the two agencies. The partnership will improve coordination of U.S. and Chilean investments in science and engineering, strengthen support for NSF science activities in Chile and better leverage the scientific investments in Chile.

NSF Director Subra Suresh and José Miguel Aguilera, president of CONICYT, met at the National Science Foundation to celebrate this ongoing collaboration and to sign the MoU in an effort to formalize and strengthen the partnership.

Future investments will focus on development of human capital, joint research activities and scientific pursuits that catalyze innovation. Mechanisms of support for educational activities could include NSF's Research Experience for Under-

graduates and International Research Experiences for Students programs, while the Science Across Virtual Institutes activity could connect researchers with common interests and goals across international borders.

The collaboration with Chile has been crucial to ground-based astronomical sciences as it is one of the best locations in the world for large telescopes that can make discoveries about our universe. The collaborations have expanded into other areas of science including geosciences, polar sciences and cyber-enabled research. This new agreement will pave the way for cooperative activities in additional areas of research and education.

The 2011 Nobel Prize for Physics depended on critical observations made from the Blanco 4m telescope at the NSF-supported Cerro Tololo Inter-American Observatory. Further, the largest capital investment the NSF has made in a single facility is for the Atacama Large Millimeter/submillimeter Array (ALMA), to be located in the Altiplano of northern Chile.

Quelle

→ http://www.nsf.gov/news/news_summ.jsp?cntn_id=124193&org=NSF&from=news

Weitere Informationen

Chilean Comisión Nacional de Investigación Científica y Tecnológica (CONICYT)

→ <http://www.conicyt.cl>

U.S. National Science Foundation (NSF)

→ <http://www.nsf.gov>

NSF's Science Across Virtual Institutes (SAVI)

→ http://www.nsf.gov/news/special_reports/savi/index.jsp

NSF's Research Experience for Undergraduates

→ http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&from=fund

NSF's International Research Experiences for Students

→ http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12831

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Schlagworte

Bildung, Fachkräfte, Innovation, Internationalisierung



Dänemark

Denmark and South Korea Enter Joint Partnership on Research and Education

The way has been paved for Danish students and researchers to collaborate with some of the world's most ambitious and innovative education and research environments after Higher Education Minister Morten Østergaard signed a memorandum of understanding with the Korean Ministry of Education, Science and Technology. The agreement will lead to increased exchange of students and researchers, and joint research projects. The memorandum has strengthened bilateral relations between the two countries even further.

“Even though there is a long way from Denmark to South Korea, we have much in common with regard to education and research ambitions, and more specifically, in the hunt for innovative solutions in green technology for example. I believe and hope that the agreement will lead to a significant cementing of cooperation. And I also believe that Danish students and researchers – and Danish business and the wider society – can benefit greatly from a closer relationship to South Korea,” says Morten Østergaard.

The signing of the agreement took place in conjunction with the second meeting of the Danish-South Korean Green Growth Alliance, which also saw the participation of the Danish Crown Prince Fredrik, the minister for business and growth, Ole Sohn, minister for trade and investment, Pia Olsen Dyhr, and a large Danish business delegation.

Morten Østergaard is pleased with the concrete research and education agreements between the Danish Council for Strategic Research and the Korean Green Technology Center; and the Technical University of Denmark's agree-

ment on joint programmes with the Korean Advanced Institute of Science and Technology (KAIST), which is one of the world's leading universities.

During the visit, Morten Østergaard also had the opportunity to discuss collaborative possibilities more closely with his counterpart, the Korean Minister of Education, Science and Technology, Ju-Ho Lee. He also had the chance to visit a number of the universities, councils, think tanks and institutes that are leading the way in the country's impressive innovation effort.

“South Korea has seen impressive growth, even during the financial crisis. And even though we cannot or must not do everything exactly the same way, it is a good idea to allow ourselves to be inspired by the determination and focus of their efforts in education and research, and not at least, by their ability to translate ideas to products, growth and employment. For example, they have strong ties between public knowledge institutions and private companies which we will take into consideration when we complete the first national innovation strategy in Denmark later this year. The South Korean Government, just like the Danish Government, is strongly focused on the continued growth being one that is green and sustainable. And the KAIST university's structure of cross-disciplinary solutions to great societal challenges is an example of exciting innovation,” says Morten Østergaard.



Quelle

→ <http://en.fivu.dk/press/2012/denmark-and-south-korea-enter-joint-partnership-on-research-and-education>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

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

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Schlagworte

Hochschulen, Internationalisierung



Finland

Finland Interested in Brazil's Science Without Borders Programme

Finland is negotiating with Brazil on joining the Science without Borders programme. The programme will provide scholarships for undergraduate students, doctoral candidates and young researchers from Brazil to study abroad. In all, the Brazilian government intends to fund 75,000 scholarship students from its top 120 institutes of higher education, with an additional 25,000 expected to be funded by the private sector. In return, Brazil will be offering exchange and visiting researcher programmes to foreign scholars. In connection with the Science without Borders programme, Professor Manoel Barral-Netto, Director of Institutional Collaboration at CNPq (National Council for Scientific and Technological Development), visited Finland in May and met representatives from the Academy of Finland, the Centre for International Mobility (CIMO) and universities.

Quelle

→ <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Newsletter/Academy-of-Finland-Newsletter-May-2012/#6brazil>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

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Schlagworte

Hochschulen, Internationalisierung



Finland Gets Expert Group for Research Infrastructures

The Academy of Finland has appointed a national expert group for research infrastructures in Finland, the Finnish Research Infrastructure Committee. The committee is chaired by Professor Eero Vuorio (Biocenter Finland), with Vice President for Research Riitta Mustonen (Academy of Finland) as vice chair. The committee has been charged with the task of updating Finland's overall policy on research infrastructures (RI) and developing policies at the national level. Finland's national RI roadmap will be updated in 2013 at the latest, and the committee will assess the urgency and priority level of projects included in the roadmap. In addition, the committee will draw up a proposal for the Budget on the funding of RI projects. Earlier in May 2012, the Ministry of Education, Science and Culture allocated four million euros to the Academy for RI funding.

The members are Director Riikka Heikinheimo (Tekes), Director Annu Jylhä-Pyykönen (Ministry of Education, Science and Culture), Director General Lea Kauppi (Finnish Environment Institute), Industrial Counsellor Petri Lehto (Ministry of Employment and the Economy), Professor Matti Manninen (University of Jyväskylä), Director General Jussi Nuorteva (National Archives), Professor Erkki Oja (Aalto University), Professor Taina Pihlajaniemi (University of Oulu), Professor Anne-Christine Ritschhoff (VTT), Professor Lea Rojola (University of Turku), Director-General Päivi Sillanaukee (Ministry of Social Affairs and Health), Director General Petteri Taalas (Finnish Meteorological Institute), Professor Tuula Teeri (Aalto University), and Professor Thomas Wilhelmsson (University of Helsinki). At the Academy of Finland, the person in charge of infrastructure issues is Senior Science Adviser Eeva Ikonen.

Quelle

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

Ausführliche Länder- und Themeninformationen bei Kooperation international

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

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Schlagworte

Rahmenbedingungen, FuE-Infrastruktur



New Centre of Excellence Programme Attracts Many CoE Hopefuls

The first call stage of the Academy of Finland's Centre of Excellence (CoE) Programme 2014–2019 attracted a total of 128 letters of intent. This shows that there is active interest in the opportunities provided by the Centre of Excellence status. The letters of intent covered a wide variety of research fields and were submitted by both universities and research institutes from across Finland.

Next, the letters of intent will be reviewed by international experts in the fields concerned. The Academy Board will decide in November which candidates will make it to the second round of application. The Academy has funded Centres of Excellence since 1995. The fifth CoE Programme is scheduled to run from 2012 to 2017, and it involves 15 Centres.

Quelle

→ <http://www.aka.fi/sv/A/Finlands-Akademi/Press-och-media/Newsletter/Academy-of-Finland-Newsletter-May-2012/?mode=&SelectedEditPanelTab=1#5coe>

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Schlagworte

Rahmenbedingungen, Förderung



Indien

EU Member States and India Deepen Science and Business Links

Ministers for science and research from the European Union and India agreed during talks in Brussels to draw up a strategic agenda in the area of research and innovation and to support it through the creation of a group of senior officials. The aim is to adopt the agenda in the first half of 2013.

The ministerial was held on the margins of a two-day conference ending 1 June that brought together some 200 policymakers, researchers and businesses. Both sides recognised it is important to involve business and other research actors in defining and implementing the agenda. Particular attention will be given to promote cooperation between European and Indian SMEs notably for the co-development and for deployment of affordable and innovative products and services.

Closing the conference on Friday, European Research, Innovation and Science Commissioner Máire Geoghegan-Quinn said: "Since 2007, we have pooled 60 million euros of funding so that our scientists can work together, with coordinated calls for proposals in a range of areas including food and nutritional research, solar energy and water."

The Stakeholders Conference and ministerial were the first concrete follow up to the Joint Declaration on Research and Innovation at the EU-India Summit of 10 February 2012. The next ministerial will be held in India in 2014.

Since the signature of the EU-India Agreement on Science and Technology Cooperation in 2001, India has become one of the major partners of the EU in the Framework Programmes for Research and Technological Development. India currently ranks 5th both in terms of participation and of total amount of EU financial contribution received. Currently, over 200 Indian partners are involved in 135 projects in the seventh Framework Programme (FP7). These projects were funded with some 337million euros from the Framework Programme of which some 30 million euros went directly to Indian partners. Key areas of cooperation with India include Health (55 projects), Environment (35), ICT (28) and Food, Agriculture and Fisheries, and Biotechnology (28).



Quelle

→ <http://ec.europa.eu/research/index.cfm?lg=de&pg=newsalert&year=2012&na=na-010612>

Download

Brussels Communiqué

→ http://ec.europa.eu/research/press/2012/pdf/brussels_communique.pdf

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Indien

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

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Schlagworte

Innovation, KMU, Internationalisierung



Tunisia Deal With India Opens Developing Country Links

Tunisia is taking its first steps towards boosting scientific links with other developing countries following the 2011 revolution that overthrew a government perceived to be more concerned with politics than science. Following calls from the Tunisian science ministry to boost scientific relations with developing nations, Tunisia has entered into an agreement with the Indian science ministry.

The two countries have agreed to set up a US\$ 8 million programme to fund collaboration between Tunisian and Indian researchers working in fields related to biotechnology and medical sciences. The programme will be funded by India through its Technology Diplomacy programme.

The countries identified the fields of research during a ministry meeting in New Delhi on 25 April. The collaborative programme will run for three years, and involve exchanging researchers, training Tunisian researchers in Indian laboratories, and organising workshops and joint research projects.

Quelle

→ <http://www.scidev.net/en/science-and-innovation-policy/south-south-cooperation/news/tunisia-deal-with-india-opens-developing-country-links-1.html>

Weitere Informationen

India's Department of Science and Technology: International S&T Cooperation

→ <http://www.dst.gov.in/scientific-programme/International-s-tcoop.htm>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Indien

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

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Schlagworte

Fachkräfte, Internationalisierung



Niederlande

OECD Sets the Netherlands Economic Homework

Minister Verhagen of Economic Affairs, Agriculture and Innovation shares the OECD's view that reforms are vital in order to strengthen the economy and maintain healthy government finances.

He expressed this view during talks with OECD Deputy Secretary-General Pa-doan after publication of the OECD's biennial Economic Survey of the Netherlands. The OECD supports the Dutch Government's aim to limit budgetary shortfall to 3 % of GDP. The benefits of such policy outweigh the negative effects of reduced demand and a temporary slowing in growth.

“The Netherlands has passed the economic test” said Minister Verhagen. “But we have been given a huge pile of homework to do in the coming period.”

The OECD warns that the Dutch economy is facing a crisis of confidence. Consumers are under pressure because of the crisis on the housing market and the weakened position of pension funds. Minister Verhagen believes the implementation of planned reforms will improve confidence, resulting in increased spending and accelerated economic recovery.

The OECD examined the Dutch labour market, its health spending and its top sector approach. The Organisation is in favour of employment protection reform to make the labour market more flexible. The Dutch healthcare system is sound, but expensive. The ageing population is likely to make increased health spending unaffordable. The OECD believes more competition is essential. Increasing individual contributions would help considerably in controlling costs.

Minister Verhagen is pleased that the OECD values the reduction of unnecessary rules and the greater collaboration between business and knowledge institutes. The Organisation backs better incentives to encourage the marketing of scientific research results, in the form of clearer and broader rules for patent sharing.

The OECD wonders whether top sector policy should be expanded to other sectors. A longer-term approach would offer greater security and result in higher investment in research and development.

Quelle

→ <http://www.government.nl/ministries/eleni/news/2012/06/14/oecd-sets-the-netherlands-economic-homework.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Niederlande

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

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Schlagworte

Evaluation



State Secretary Zijlstra Aims to Hold on to Foreign Students

It should be more attractive for foreign students to remain in the Netherlands after they graduate. The national treasury will benefit greatly if this group enters the Dutch labour market after graduation and stays here to work for a longer period of time.

State Secretary Zijlstra wrote this in a letter to the House of Representatives. He bases this view on a study conducted by the Netherlands Bureau for Economic Policy Analysis (CPB) into the benefits of internationalisation in higher education. This study shows that if one in five foreign students remains in the Netherlands to work after graduating this could have a positive effect that could be worth some 740 million euros a year. Even with a retention of 2.5 % – i.e., if one in forty students remains here – the balance of costs and benefits would still likely be positive.

To increase the retention of these students in the Netherlands, the information provision must improve. It seems that many graduates from countries outside the EU are unaware of the job-search year, which enables them to find a job in our country as a knowledge worker within one year. A more active alumni policy, better contacts with Dutch companies and further studies into the possibility of retaining graduates are also necessary.

To reap the benefits of student mobility, the high quality of students is a crucial condition. For this reason, State Secretary Zijlstra has agreed on measures with educational institutions to keep the quality of foreign students up to standard. Institutions may tighten their selection criteria, but they must also stop offering programmes that are primarily aimed at German students and the German labour market.

Quelle

→ <http://www.government.nl/ministries/ocw/news/2012/05/16/state-secretary-zijlstra-aims-to-hold-on-to-foreign-students.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Niederlande

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

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Schlagworte

Hochschulen, Fachkräfte, Internationalisierung



Norwegen

Record-High Grant Allocations: More Research in Norwegian Companies

A record-breaking number of grant applications submitted to the Research Council's Programme for User-driven Research-based Innovation (BIA) has led to the award of NOK 500 million to 59 projects.

Funding from the Research Council of Norway comprises 35 % of the overall project costs for the individual project. The Research Council's support in this funding round will elicit research activity totalling NOK 1.4 billion in Norwegian trade and industry.

"The companies use most of the funding for cooperation with researchers. Building bridges between research institutions and industry and ensuring the development of new knowledge and expertise in both spheres are key tasks for the Research Council," says Anne Kjersti Fahlvik, Executive Director of the Division for Innovation at the Research Council.

"A total of 187 grant applications were processed in this funding round," says Ms Fahlvik. "This means a 34 % increase in the number of project proposals

received this time than for the corresponding deadline last year. The applications are also of higher quality than in previous years.”

Project quality is assessed on the basis of the potential for value creation in industry, useful applications for industry and society, and R&D-related risk. However, despite the large number of high-quality applications, we were not able to fund all of the qualified projects in this round with a budget framework of NOK 500 million,” says Ms Fahlvik with regret.

Minister of Trade and Industry Trond Giske is pleased about the increase. “It is great if this is a long-term trend that shows Norwegian companies now want to invest more in research,” he says.

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/More_research_in_Norwegian_companies/1253977707926?WT.mc_id=nyhetsbrev-ForskningsradetEngelsk



Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Förderung, Kooperation Wissenschaft- Wirtschaft



Mutual Interests and Willingness to Cooperate: More Marine Research Cooperation with Japan

The Research Council of Norway recently hosted a large-scale Japanese-Norwegian seminar on marine research in Tokyo. The focus was on sustainability – in both aquaculture and the exploitation of marine resources.

Up to now, cooperation between Japan and Norway on marine research has primarily revolved around safe seafood. The seminar made it clear that researchers in the two countries share a broader range of scientific interests and are looking to expand cooperation significantly. Relevant areas of focus include marine resource management, aquaculture and renewable marine energy.

As the world seeks ways to satisfy its growing demand for food as well as energy, the sustainable use of marine resources grows increasingly important. The objective of the seminar was to address challenges related to the sustainable replenishment of fisheries and the rebuilding of coastal communities following the earthquake and tsunami that struck Japan in March 2011.

At the opening of the seminar, Norwegian Minister of Trade and Industry Trond Giske and State Secretary Kristine Gramstad of the Ministry of Fisheries and Coastal Affairs stressed the need for increased Norwegian-Japanese cooperation on research and technology development. Bringing together research communities and industrial and political communities will help to promote new ties between the two countries.

“As two of the world’s leading nations in marine research, we face many of the same challenges. Norway and Japan are natural partners in research and technology development,” stated Ms Gramstad.

“Norway has an international reputation as a leading seafood producer,” said Minister Giske, “and we seek to take a leading role in developing renewable energy and other alternative uses of marine resources. Cooperation between coastal nations such as Japan and Norway is essential for solving the challenges facing our nations and the global community at large. I hope this seminar represents the beginning of new joint projects.”

Also addressing the seminar was Kjell Emil Naas, programme coordinator for the Research Council’s HAVBRUK programme, who pointed out some of the key contributions that research has made to the phenomenal growth of salmon production since the 1970s.

“If such growth is to continue, however, we must master the problems we do not yet have control over – meaning sea lice and production fish escapes,” says Mr

Naas. The HAVBRUK programme devotes a great deal of resources to developing knowledge that can help to solve these problems.

Reducing the discharge of inorganic nutrients, sustainable production of feed, and disease prevention are other key research topics for securing a sustainable future for Norwegian aquaculture.

Japan is a major market for Norwegian mackerel, salmon trout, capelin, and particularly salmon. Every day, two million meals that include Norwegian seafood are consumed in Japan.

“We see there is an excellent foundation for cooperation because many Japanese are turning to Norway for answers on how to rebuild their marine activities. Furthermore, Norway has seafood, technology and expertise that Japan needs,” states Svein Grandum, Counsellor for Science and Technology at Innovation Norway in Tokyo.

The seminar, held 10 May, was organised in cooperation with the Japan Science and Technology Agency (JST), Innovation Norway, Seafood Norway, the Royal Norwegian Embassy in Tokyo, and the Japan Fisheries Association.

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/More_marine_research_cooperation_with_Japan/1253977628485?WT.mc_id=nyhetsbrev-ForskningsradetEngelsk

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

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

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Schlagworte

Umwelt, Internationalisierung



Centres of Excellence: 29 Applicants Continue to Final Round

The top research groups in Norway are competing for status as Centres of Excellence (SFF centres) beginning in 2013. Twenty-nine applicants have been invited to participate in the final selection round.

A record 139 grant applications were submitted to the SFF scheme for the June 2011 deadline. The competition to become a third-generation SFF centre is keener than ever.

The research institutions that survived the tough scrutiny of the prequalification round must submit their complete applications by 22 August 2012. The decision regarding which of the 29 applicants will be awarded SFF status beginning in 2013 will be taken in the course of the autumn.

The SFF scheme is designed to encourage Norwegian research institutions to conduct basic research at a top international level. The objective is to develop strong research groups with good management and organisation that produce high-calibre results.

The first 13 Norwegian Centres of Excellence (SFF centres) were established in 2003. This year's competition is the third time funding for SFF centres has been announced.

The grant applications were first sent to international referee panels for review, after which they went to one of the three international scientific committees established in the natural sciences and technology, the biosciences, and the humanities and social sciences for further assessment. Each committee was asked to select five to ten applicants in its respective area to be invited to submit complete applications. The Research Council approved the recommendations of the scientific committees on 16 May 2012.

Quelle

→ http://www.forskningsradet.no/en/Newsarticle/29_SFF_applicants_continue_to_final_round/1253977593860?WT.mc_id=nyhetsbrev-ForskningsradetEngelsk

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Schlagworte

Rahmenbedingungen, Förderung



Österreich

Wirtschaftsminister Mitterlehner: Internationale Kooperationen stärken Innovations-Standort Österreich

Wirtschaftsminister Reinhold Mitterlehner zieht eine positive Bilanz der jüngsten zwei Ausschreibungsrunden des Förderprogramms EUROSTARS: Mit Unterstützung der EU-Kommission können zwölf neue österreichische Innovations-Projekte mit insgesamt vier Millionen Euro unterstützt werden. "Durch gezielte internationale Kooperationen wie bei Eurostars wird der Innovations-Standort Österreich gestärkt und werden neue Wachstumsimpulse ausgelöst", betont Mitterlehner. "Gerade für ein kleines Land wie Österreich ist die Verknüpfung von Kompetenzen auch über Grenzen hinweg besonders wichtig, um mit neuen Produkten nachhaltige Markterfolge zu erzielen."

Bisher verläuft die Teilnahme Österreichs am Programm sehr gut: Bezogen auf das von der EU abgerufene Fördervolumen liegt Österreich nach sieben Ausschreibungen an neunter Stelle im EU-Vergleich. Im neuen EU-Rahmenprogramm für Forschung und Innovation ab 2014, "Horizon 2020", ist für die EUROSTARS-Initiative als zentrales Instrument zur Unterstützung der transnationalen Forschungs- und Innovationszusammenarbeit von KMU eine noch stärkere Rolle vorgesehen.

Quelle

→ <http://www.ffg.at/news/wirtschaftsminister-mitterlehner-internationale-kooperationen-staerken-innovations-standort-oes>

Weitere Informationen

Eurostars

→ <http://www.eurostars-eureka.eu/>

Bundesministerium für Wirtschaft, Familie und Jugend

→ <http://www.bmwfj.gv.at/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Österreich

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

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Förderung, KMU



Forschungs- und Technologiebericht 2012 veröffentlicht

Innovationsministerin Doris Bures, Wirtschaftsminister Reinhold Mitterlehner und Wissenschafts- und Forschungsminister Karlheinz Töchterle haben am 4. Juni 2012 in einer gemeinsamen Pressekonferenz den Österreichischen Forschungs- und Technologiebericht 2012 präsentiert. Demnach werden 2012 rund 8,61 Milliarden Euro in Forschung und Entwicklung investiert – eine Steigerung von 347 Millionen bzw. 4,2 % gegenüber dem Vorjahr und damit ein klares Signal für einen zentralen Zukunftsbereich. Die Forschungsquote liegt aktuell bei 2,8 % des BIP und weiterhin deutlich über dem EU- und OECD-Durchschnitt. Unter den EU-27 liegt Österreich auf Platz fünf.

Die höchste Wachstumsrate verzeichnet der Finanzierungssektor Bund (2012: 2,87 Milliarden Euro, dies entspricht einem Plus von 8,47 % gegenüber dem Vorjahr). Der Bund finanziert somit ein Drittel der gesamten FuE-Ausgaben in Österreich und legt mit einem steigenden Budget eine wichtige Basis zur Erreichung der in der FTI-Strategie des Bundes festgeschriebenen langfristigen Ziele. Erfreulich ist besonders auch die in den vergangenen Jahren deutlich intensi-

vierte Zusammenarbeit zwischen Wissenschaft und Wirtschaft, die dynamische Entwicklung der Patentaktivität Österreichs sowie die gestiegene Anzahl der Spinoff-Gründungen aus Universitäten.

Quelle

→ <http://www.ffg.at/news/fti-bericht2012>

Download

Österreichischer Forschungs- und Technologiebericht 2012

→ http://www.bmwfj.gv.at/Presse/AktuellePresseMeldungen/Documents/FTB_2012_WEB.pdf

Weitere Informationen

Bundesministerium für Wirtschaft, Familie und Jugend

→ <http://www.bmwfj.gv.at/Seiten/default.aspx>

Bundesministerium für Verkehr, Innovation und Technologie

→ <http://www.bmvit.gv.at/>

Bundesministerium für Wissenschaft und Forschung

→ <http://www.bmwf.gv.at/>

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Schlagworte

Evaluation



Spanien

Spain Can Reap More Value From ICTs, Says OECD

Better use of information communication technologies (ICTs) can help Spain unlock governmental efficiencies and help prepare the country for future economic growth, according to a new study from the OECD. The report "Reaping



the Benefits of ICTs in Spain – Strategic Study on Communication Infrastructures and Paperless Administration", examines recent achievements in two key areas – communication infrastructures and e-government – and proposes policies to help Spain better leverage ICT investments.

"The difficult economic challenges faced by Spain require attention from several perspectives", says Mr. Rolf Alter, director for the OECD Public Governance directorate. "A focus on the added value of ICTs – to lever investments in growth as well as to promote higher efficiency and enable expenditure reductions in the public administration – is an important contribution for Spain's sustainable recovery."

Quelle

→ http://www.oecd.org/document/8/0,3746,en_2649_37405_50480392_1_1_1_1,00.html

Download

Preliminary Publication: Reaping the Benefits of ICTs in Spain - Strategic Study on Communication Infrastructures and Paperless Administration

→ <http://www.oecd.org/dataoecd/53/35/50488898.pdf>

Executive Summary

→ <http://www.oecd.org/dataoecd/11/53/50480668.pdf>

Key Assessments and Proposals for Action

→ <http://www.oecd.org/dataoecd/12/12/50480710.pdf>

Ausführliche Länder- und Themeninformationen bei Kooperation international

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Schlagworte

Schlüsseltechnologien, Kommunikation, Wirtschaft und Märkte



Südafrika

Startschuss für den Aufbau wissenschaftlicher Kapazitäten zwischen der EU und Afrika: Doppelter SKA-Standort bekannt gegeben

Europäische und afrikanische Akteure aus dem Bereich der Radioastronomie trafen sich am 29. Mai in Brüssel, Belgien, um Forschungsfördermöglichkeiten zu besprechen. In derselben Woche wurde bekannt, dass zwei der drei Empfänger des Square-Kilometer-Array-Radioteleskops (SKA) im südlichen Afrika gebaut werden sollen.

Die lange und mit Spannung erwartete Entscheidung des Beratungsausschusses des SKA-Standorts (SKA Site Advisory Committee, SSAC) folgt neun Jahren Arbeit durch Standortanbieter aus dem südlichen Afrika sowie aus Australien und Neuseeland.

Basierend auf einer objektiven technischen und wissenschaftlichen Bewertung der beiden möglichen Standorte entschied sich der SSAC, dass Afrika am besten platziert ist, um das SKA zu beherbergen, das etwa 50 bis 100-mal empfindlicher sein wird als jedes andere derzeit betriebene Radioteleskop. Allerdings ist Australien nicht ganz aus dem Sinn -- die SKA-Organisation baut auch dort eine der drei Komponenten des SKA-Empfängers. Südafrika wird zusammen mit seinen acht afrikanischen SKA-Partnerländern (Botswana, Ghana, Kenia, Madagaskar, Mauritius, Mosambik, Namibia und Sambia) die beiden anderen beherbergen: ein Mittelfrequenz-Schüssel-Array und ein Dense-Aperture-Array.

Obwohl die Entscheidung, das SKA über mehrere Ausschreibungsstandorte aufzuteilen, unerwartet kommt – von Anfang an wurde nach einem einzigen Standort gesucht – spiegelt die Standorte im südlichen Afrika und in Australien das hohe Niveau der Arbeiten der beiden Ausschreibungsteams wider.

Das Ziel des Workshops am 29. Mai war es, an die Verabschiedung der schriftlichen Erklärung anzuschließen und Fördermöglichkeiten für afrikanisch-europäische Partnerschaften im Bereich der Radioastronomie zu präsentieren.

Mitglieder des Europäischen Parlaments, der Europäischen Kommission und der Europäischen Investitionsbank sowie führende afrikanische und europäische Radioastronomen und Vertreter aus der Industrie kamen zusammen, um über die Weiterentwicklung der Zusammenarbeit in der Radioastronomie zwischen Afrika und Europa zu diskutieren.

Das Treffen in Brüssel endete mit einer Diskussion über die notwendigen nächsten Schritte, um eine zweckgebundene, afrikanisch-europäische Radioastronomie Plattform (AERAP) zur Verbesserung der Zusammenarbeit voll zu etablieren. Die AERAP wird einen Rahmen für die Akteure aus Wissenschaft und Industrie auf beiden Kontinenten bieten, um die Zusammenarbeit über das breite Spektrum der wissenschaftlichen Disziplinen und technischen Gebiete hinweg in die Wege zu leiten, die als wesentlich für die Zukunft der Radioastronomie in Afrika und Europa sein wird. Die Nutzung der Zusammenarbeit in der Radioastronomie als ein Instrument, um wissenschaftliche Entdeckungen voranzubringen, um den Wissenstransfer und Bildung zu verbessern, und um die Entwicklung und Wettbewerbsfähigkeit in Afrika und Europa zu fördern, sind Ziele dieser Plattform.

Quelle

→ http://cordis.europa.eu/fetch?CALLER=DE_NEWS&ACTION=D&SESSION=&RCN=34670

Weitere Informationen

SKA – Square-Kilometer-Array-Radioteleskop

→ <http://www.skatelescope.org>

AERAP - African-European Radio Astronomy Platform

→ <http://www.aerap.org/>

Two-Site Solution: South Africa and Australia/New Zealand Awarded New Telescope

→ <http://news.sciencemag.org/scienceinsider/2012/05/two-site-solution-south-africa.html>

Africa 'needs to do more to boost innovation'

→ <http://www.scidev.net/en/science-and-innovation-policy/innovation-policy/news/africa-needs-to-do-more-to-boost-innovation-.html>

Ausführliche Länder- und Themeninformationen Kooperation international

Fokus Südafrika

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



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Schlagworte

FuE-Infrastruktur, Kooperation Wissenschaft- Wirtschaft, Internationalisierung



Vietnam

Vietnam Partners with Australia to Combat Tuberculosis

Australia and Vietnam are working together to tackle tuberculosis (TB) in Vietnam, which has one of the highest rates of the disease in Asia. An initial US\$ 1.3 million has been allocated for a partnership project in which Vietnam is receiving advice from Australian TB experts to apply at all levels of its healthcare system.

Although the number of cases of TB has been declining worldwide since 2006, Vietnam's rate has been steady since the late 1990s. According to the WHO, the prevalence of the disease is 334 per 100,000 people, 20 % higher than the average for South-East Asia, and roughly double that of China. Vietnam needs to combine good treatment with preventive screenings of at-risk populations to keep the incidence down, according to Greg Fox, a Vietnam-based researcher with the Centenary Institute in Sydney, Australia.

Since 2010, Australian researchers have been screening roughly 15,000 family members of those afflicted with TB in eight Vietnamese provinces. Families with members afflicted with TB were shown to have infection rates two to three times higher than that of the general Vietnamese population. Fox recommends that outreach work targets other at-risk populations, such as people living with HIV/AIDS and prisoners in Vietnamese jails, noting that infection rates are highest in Vietnam's southern provinces, affecting the poorest the most.

Quelle

→ <http://www.scidev.net/en/south-east-asia/news/vietnam-partners-with-australia-to-combat-tb.html>

Weitere Informationen

Centenary Institute (Australia)

→ <http://www.centenary.org.au>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Vietnam

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

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Schlagworte

Lebenswissenschaften, Internationalisierung



Impressum

Herausgeber



VDI Technologiezentrum GmbH
Abteilung Grundsatzfragen von Forschung,
Technologie und Innovation
VDI-Platz 1
40468 Düsseldorf



Deutsches Zentrum für Luft- und Raumfahrt e.V.
Projektträger im DLR
Internationales Büro des BMBF
Heinrich-Konen-Str. 1
53227 Bonn

Beauftragt vom



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Erscheinungsweise monatlich online unter



ISSN 1869-9596

Die Informationen wurden redaktionell überarbeitet, werden jedoch zur Wahrung der Aktualität in der Originalsprache der Quelle wiedergegeben.

Archiv

→ <http://www.kooperation-international.de/archiv/itb-infoservice-berichterstattung-zur-forschungs-bildungs-technologie-und-innovationspolitik-weltweit.html>

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