

Inhaltsverzeichnis

Global	6
Global Competitiveness Report 2011-2012	6
G20 Conference on Agricultural Research for Development	6
Major Global Change Research Initiatives to Join Forces	7
The Times Higher Education World University Rankings 2011-2012	8
EU / Europa	9
Monitoring Report 2010 zum 7. EU-Forschungsrahmenprogramm	9
Kommission veröffentlicht Strategie zur Modernisierung der Hochschulbildung	10
Kommission ruft angesichts der gesellschaftlichen Herausforderungen zu Partnerschaften auf	12
Kommission legt Pläne zur Verstärkung der Verbindung von Forschungs- und Regionalpolitik dar	13
Nordic Ministers for Gender Equality: Integrate the Gender Perspective into Climate Work	14
Frankreich	14
France Hangs On To Generous Research Tax Credit	14

Berichterstattung zur Forschungs-, Technologie- und Innovationspolitik weltweit

Großbritannien	15
University "Pathways" to International Students	15
£ 50 Million Hub to Commercialise Nobel Prize Winning Material	15
Government Funds Manufacturing Research in Drive for Future Growth	16
UK Universities Contribute Three Billion Pounds to Economic Growth.....	17
Japan	18
Japan to Boost Science Spending, Reduce Support for Nuclear Power.....	18
Revision der Visumsbestimmungen für ausländische Berufsschulabsolventen	18
Kanada	19
Government of Canada Renews Funding for World-Class Arctic Research	19
Government of Canada Launches New Industrial Research Chairs for Colleges Grants	20
Russland	20
The Russian Ministry of Education and Science and the Nordic Council of Ministers Signed a MoU.....	20

USA	21	Israel	33
Führende Chiphersteller investieren \$ 4,4 Mrd. im Bundesstaat New York..	21	Israel to Become Associate Member State of CERN	33
DOE Releases Inaugural Quadrennial Technology Review Report.....	22	Neuseeland	33
Development of a Decadal Consensus Plan for Plant Science	23	The New Zealand Fund for Global Partnerships in Livestock Emissions Research.....	33
Ägypten	23	Niederlande	34
Google Offers Egyptian Technology Entrepreneurs EGP 1.2 Million.....	23	Advisory Council for Science and Technology Policy Publishes Report: Close to the Wind!	34
Ägyptisch-Japanische Universität eröffnet	24	Norwegen	35
Australien	25	Prioritising Education and Research.....	35
Doors Open to Foreign Students.....	25	Österreich	36
Brasilien	26	Konferenz zu "Joint Programming": Beratung über große gesellschaftliche Herausforderungen	36
First Funding Cut in Eight Years for Brazilian Science.....	26	Republik Korea (Südkorea)	37
China	26	Südkorea will massiv in Stammzellforschung investieren	37
Huge Research Grant for Branch Campus	26	Schweden	37
Dänemark	27	Major Investments in Education in the Budget Bill	37
New Danish Government Aim for Closer Nordic Co-Operation	27	Baltic Sea Environment a Winner as Agencies Implement Baltic Sea Strategy	39
Morten Østergaard is appointed Minister for Science, Innovation and Higher Education.....	28	Slowakei	40
Finnland	29	Slowakei möchte Singapur Mitteleuropas sein.....	40
Nordic eScience in Focus in Helsinki	29	Spanien	41
Turning Finland into a Pioneering Country of Eco-Efficiency in Mining	30	Spain's Top Research Centres Get Cash Infusion	41
Polytechnic Reform 2011-2014	31	Impressum	43
Ten Finnish Researchers Receive ERC Funding.....	31		
Indien	32		
Borlaug Institute South Asia to Address Food Security.....	32		

Themen

Schlüsseltechnologien

£ 50 Million Hub to Commercialise Nobel Prize Winning Material	15
Government Funds Manufacturing Research in Drive for Future Growth	16
Führende Chiphersteller investieren \$ 4,4 Mrd. im Bundesstaat New York..	21

Energie

Japan to Boost Science Spending, Reduce Support for Nuclear Power	18
DOE Releases Inaugural Quadrennial Technology Review Report.....	22

Umwelt

Major Global Change Research Initiatives to Join Forces	7
Nordic Ministers for Gender Equality: Integrate the Gender Perspective into Climate Work	14
Government of Canada Renews Funding for World-Class Arctic Research.	19
Turning Finland into a Pioneering Country of Eco-Efficiency in Mining	30
Baltic Sea Environment a Winner as Agencies Implement Baltic Sea Strategy	39

Lebenswissenschaften

G20 Conference on Agricultural Research for Development	6
Development of a Decadal Consensus Plan for Plant Science	23
Borlaug Institute South Asia to Address Food Security.....	32
The New Zealand Fund for Global Partnerships in Livestock Emissions Research	33
Südkorea will massiv in Stammzellforschung investieren	37

Kommunikation

Nordic eScience in Focus in Helsinki	29
--	----

Geistes- und Sozialwissenschaften

Major Global Change Research Initiatives to Join Forces.....	7
--	---

Bildung

Major Investments in Education in the Budget Bill	37
---	----

Berufliche Bildung

Revision der Visumsbestimmungen für ausländische Berufsschulabsolventen	18
Polytechnic Reform 2011-2014	31

Hochschulen

The Times Higher Education World University Rankings 2011-2012	8
Kommission veröffentlicht Strategie zur Modernisierung der Hochschulbildung	10
University "Pathways" to International Students	15
UK Universities Contribute Three Billion Pounds to Economic Growth.....	17
Government of Canada Launches New Industrial Research Chairs for Colleges Grants.....	20
Ägyptisch-Japanische Universität eröffnet	24
Doors Open to Foreign Students	25
Huge Research Grant for Branch Campus.....	26

Fachkräfte

Revision der Visumsbestimmungen für ausländische Berufsschulabsolventen	18
Polytechnic Reform 2011-2014	31

Rahmenbedingungen

Monitoring Report 2010 zum 7. EU-Forschungsrahmenprogramm	9
---	---

Nordic Ministers for Gender Equality: Integrate the Gender Perspective into Climate Work	14
£ 50 Million Hub to Commercialise Nobel Prize Winning Material	15
Japan to Boost Science Spending, Reduce Support for Nuclear Power	18
DOE Releases Inaugural Quadrennial Technology Review Report.....	22
Development of a Decadal Consensus Plan for Plant Science	23
First Funding Cut in Eight Years for Brazilian Science.....	26
Morten Østergaard is appointed Minister for Science, Innovation and Higher Education	28
Turning Finland into a Pioneering Country of Eco-Efficiency in Mining	30
Borlaug Institute South Asia to Address Food Security.....	32
Israel to Become Associate Member State of CERN	33
Advisory Council for Science and Technology Policy Publishes Report: Close to the Wind!.....	34
Prioritising Education and Research	35
Konferenz zu "Joint Programming": Beratung über große gesellschaftliche Herausforderungen.....	36
Südkorea will massiv in Stammzellforschung investieren	37
Major Investments in Education in the Budget Bill	37

Innovation

Kommission ruft angesichts der gesellschaftlichen Herausforderungen zu Partnerschaften auf	12
Kommission legt Pläne zur Verstärkung der Verbindung von Forschungs- und Regionalpolitik dar	13

Cluster

Führende Chiphersteller investieren \$ 4,4 Mrd. im Bundesstaat New York..	21
---	----

Kooperation Wissenschaft-Wirtschaft

Kommission ruft angesichts der gesellschaftlichen Herausforderungen zu Partnerschaften auf.....	12
University "Pathways" to International Students	15
UK Universities Contribute Three Billion Pounds to Economic Growth.....	17
Government of Canada Launches New Industrial Research Chairs for Colleges Grants.....	20
Google Offers Egyptian Technology Entrepreneurs EGP 1.2 Million	23

Wirtschaft und Märkte

Slowakei möchte Singapur Mitteleuropas sein	40
---	----

Förderung

Monitoring Report 2010 zum 7. EU-Forschungsrahmenprogramm	9
Kommission legt Pläne zur Verstärkung der Verbindung von Forschungs- und Regionalpolitik dar	13
France Hangs On To Generous Research Tax Credit	14
Government Funds Manufacturing Research in Drive for Future Growth	16
Government of Canada Renews Funding for World-Class Arctic Research	19
Google Offers Egyptian Technology Entrepreneurs EGP 1.2 Million	23
Huge Research Grant for Branch Campus.....	26
Ten Finnish Researchers Receive ERC Funding	31
The New Zealand Fund for Global Partnerships in Livestock Emissions Research	33
Konferenz zu "Joint Programming": Beratung über große gesellschaftliche Herausforderungen	36
Spain's Top Research Centres Get Cash Infusion	41

Indikatorik

Global Competitiveness Report 2011-2012	6
The Times Higher Education World University Rankings 2011-2012	8

Foresight

G20 Conference on Agricultural Research for Development	6
---	---

Internationalisierung

G20 Conference on Agricultural Research for Development	6
Major Global Change Research Initiatives to Join Forces	7
The Russian Ministry of Education and Science and the Nordic Council of Ministers Signed a MoU	20
Ägyptisch-Japanische Universität eröffnet	24
New Danish Government Aim for Closer Nordic Co-Operation	27
Nordic eScience in Focus in Helsinki	29
Israel to Become Associate Member State of CERN	33
Baltic Sea Environment a Winner as Agencies Implement Baltic Sea Strategy	39

Global Competitiveness Report 2011-2012

Switzerland tops the overall rankings in this report. Singapore overtakes Sweden for second position. Northern and Western European countries dominate the top 10 with Sweden (3rd), Finland (4th), Germany (6th), the Netherlands (7th), Denmark (8th) and the United Kingdom (10th). Japan remains the second-ranked Asian economy at 9th place, despite falling three places since last year.

The United States continue their decline for the third year in a row, falling one more place to fifth position. In addition to the macroeconomic vulnerabilities that continue to build, some aspects of the United States' institutional environment continue to raise concern among business leaders, particularly related to low public trust in politicians and concerns about government inefficiency. On a more positive note, banks and financial institutions are rebounding for the first time since the financial crisis and are assessed as somewhat sounder and more efficient.

Germany maintains a strong position within the Eurozone, although it goes down one position to sixth place, while the Netherlands (7th) improves by one position in the rankings, France drops three places to 18th, and Greece continues its downward trend to 90th. Competitiveness-enhancing reforms will play a key role in revitalizing growth in the region and tackling its key challenges, fiscal consolidation and persistent unemployment.

The results show that while competitiveness in advanced economies has stagnated over the past seven years, in many emerging markets it has

The World Economic Forum publishes a comprehensive series of reports which examine in detail the broad range of global issues it seeks to address with stakeholders as part of its mission of improving the state of the world. Besides publications such as the Global Competitiveness Report, the Global Risks Report and the Global Gender Gap Report, the Forum produces landmark titles covering the environment, education, individual industries and technologies.

improved, placing their growth on a more stable footing and mirroring the shift in economic activity from advanced to emerging economies.

The People's Republic of China (26th) continues to lead the way among large developing economies, improving by one more place and solidifying its position among the top 30. Among the four other BRICS economies, South Africa (50th) and Brazil (53rd) move upwards while India (56th) and Russia (66th) experience small declines. Several Asian economies perform strongly, with Japan (9th) and Hong Kong SAR (11th) also in the top 20.

Quelle

→ <http://www.weforum.org/reports/global-competitiveness-report-2011-2012>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

Fachlicher Ansprechpartner für Indikatorik im VDI Technologiezentrum

Miguel Krux, Tel. 0211/6214-460, krux@vdi.de

Schlagworte

Indikatorik



G20 Conference on Agricultural Research for Development

The G20 group of major economies has for the first time put international agricultural research on its agenda, in an effort to take a long-term view on the fight for food security.

The group's first meeting on the topic has endorsed the key role of agricultural research not only in preventing global food crises, but also in making an effective contribution to economic growth.

The meeting took place in Montpellier, France, on 12–14 September and was hosted by the French presidency of the G20 (the group of finance ministers and central bank governors from 20 major economies). The meeting involved repre-

representatives of international development organisations including the Food and Agriculture Organization (FAO), the UN and the World Bank.

"It is the first time the G20 has actively put international agricultural research on its agenda," said Mark Holderness, executive secretary of the Global Forum on Agricultural Research (GFAR), and one of the conference rapporteurs. "That is a big step in itself – the G20 countries have recognised that [agricultural research has] a wider economic relevance."

According to the meeting's draft summary document, research systems in the G20 countries that help increase agricultural productivity can "contribute decisively to the improvement of food security" in the developing world through "improved coherence and coordination, stronger and equal partnerships and better knowledge sharing".

The G20 countries have been described as "a powerhouse of both agricultural innovation and production, with around 70 % of scientific publications on agriculture, and around 60 % of agricultural exports," said a paper for the conference prepared by Brazil, Canada, France and Japan, together with international organisations including the Consultative Group for International Agricultural Research (CGIAR), the World Bank and the FAO.

"We are not going to have global-scale research for development without appropriate scientific partnerships," said Anne-Marie Izac, CGIAR chief science officer and another rapporteur.

The meeting also recognised the need for foresight studies to improve preparedness.

Izac said that foresight did not mean just being prepared for emergencies, but asking the research questions "which may not be urgent now, but are nonetheless essential for food security in a dynamic, constantly changing environment".

Quelle

→ <http://www.scidev.net/en/agriculture-and-environment/food-security/news/g20-nations-turn-to-agricultural-research-for-food-security.html>

Download

Concept paper prepared by Brazil, Canada, France, Japan, CGIAR, FAO, GFAR and the WB

→ http://www.egfar.org/egfar/digitalAssets/4797_Concept_Paper_G20_conference_on_AR.pdf

Weitere Informationen

The Group of Twenty Finance Ministers and Central Bank Governors (G20)

→ <http://www.g20.org/>

Global Forum on Agricultural Research (GFAR)

→ <http://www.egfar.org/>

Consultative Group on International Agricultural Research (CGIAR)

→ <http://www.cgiar.org/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus G8 / G20

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

Fachliche Ansprechpartnerin für G8 / G20 im Internationalen Büro

Dr. Sonja Bugdahn, Tel. 0228/3821-1474, sonja.bugdahn@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Lebenswissenschaften, Foresight, Internationalisierung



Major Global Change Research Initiatives to Join Forces

Several globally renowned research programmes that have supplied much of the world's scientific knowledge on environmental change are to be brought together under an overarching strategy, in what is being billed as an "unprecedented mobilisation" of science to help cope with rapid global change.

The World Climate Research Programme, the International Geosphere-Biosphere Programme, the International Human Dimensions Programme, and DIVERSITAS, the International Programme of Biodiversity Science, will form

part of an integrated strategy on researching environmental change that will include social sciences.

Together they will work under a single framework for global environmental change research, to be known as the Earth System Sustainability Initiative (ESSI).

Scientists from national scientific bodies representing 140 nations, and 30 international scientific unions, voted on 28 September to approve the move, which they say is urgently needed to deliver fast and relevant scientific information for human development in the face of multiple threats to the planet.

The shake-up, driven by ICSU, the International Social Science Council and the Belmont Forum (a group of many of the world's leading funders of environmental change research) and some UN bodies, was unanimously agreed at the ICSU meeting, although some representatives of the programmes argued for a slower pace of change.

ICSU says the new, ten-year ESSI programme will be "structured as a cutting-edge global research network, which is highly integrative, flexible and responsive".

Maria Uhle, a programme director in the geosciences directorate of the US National Science Foundation, said that the new approach would also avoid duplication of research, and reduce the dependence of international teams of scientists on funding approvals from an array of host countries to get a project off the ground.

The initiative will be formally launched in two stages – first at the Planet Under Pressure conference in the United Kingdom (26-29 March 2012), and then at the Rio+20 UN Conference on Sustainable Development in Brazil (4-6 June 2012).

Quelle

→ <http://www.scidev.net/en/agriculture-and-environment/news/major-global-change-research-initiatives-to-join-forces.html>

Weitere Informationen

International Council for Science

→ <http://www.icsu.org/>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

Fachliche Ansprechpartnerin für Multilaterale Kooperation im Internationalen Büro

Dr. Sonja Bugdahn, Tel. 0228/3821-1474, sonja.bugdahn@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Umwelt, Geistes- und Sozialwissenschaften, Internationalisierung



The Times Higher Education World University Rankings 2011-2012

THE's rankings of the top universities across the globe employ 13 separate performance indicators designed to capture the full range of university activities, from teaching to research to knowledge transfer. These 13 elements are brought together into five headline categories, which are:

- Teaching – the learning environment (worth 30 % of the overall ranking score)
- Research – volume, income and reputation (worth 30 %)
- Citations – research influence (worth 30 %)
- Industry income – innovation (worth 2.5 %)
- International outlook – staff, students and research (worth 7.5 %).

Times Higher Education (THE) World University Rankings ranks the world's top colleges, universities and institutions. They were developed in concert with THE's rankings data provider, Thomson Reuters, with expert input from more than 50 leading figures in the sector from 15 countries across every continent.

The overall world top 200 rankings, the banded lists of a further 200 "best of the rest" universities, and the six tables showing the top 50 institutions by subject are based on criteria and weightings that were carefully selected after extensive consultation.

Quelle

→ <http://www.timeshighereducation.co.uk/world-university-rankings/>

Weitere Informationen

World University Rankings 2011-2012

→ <http://www.timeshighereducation.co.uk/world-university-rankings/>

THE: Top 400 world universities

→ <http://www.timeshighereducation.co.uk/world-university-rankings/2011-2012/top-400.html>

US continues domination of university rankings

→ http://blogs.nature.com/news/2011/10/america_continues_domination_o.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Global

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

Fachlicher Ansprechpartner für Indikatorik im VDI Technologiezentrum

Miguel Krux, Tel. 0211/6214-460, krux@vdi.de

Schlagworte

Hochschulen, Indikatorik



EU / Europa

Monitoring Report 2010 zum 7. EU-Forschungsrahmenprogramm

Mit dem vierten Monitoringbericht legt die EU-Kommission eine detaillierte Analyse der Durchführung des 7. EU-Forschungsrahmenprogramms (7. FRP) vor. Schwerpunkte sind die Beteiligung am Rahmenprogramm, die Implementierung des FRP sowie die Vereinfachung der administrativen Verfahren. Der Bericht basiert auf Ausschreibungen, die bis März 2011 abgeschlossen wurden.

- Im Zeitraum 2007-2010 wurden im Rahmen von 245 Ausschreibungen insgesamt 77.064 Anträge eingereicht, von denen 12.471 Anträge mit 69.370 Projektpartnern gefördert wurden. Die durchschnittliche Erfolgsquote ist im Laufe des 7. FRP von 2007 bis 2010 kontinuierlich angestiegen und mit 21,1 % der Projektanträge und 22,2 % der Antragsteller etwas höher als die des 6. FRP.
- Das nach wie vor wichtigste Instrument ist das Verbundprojekt, auf das im Zeitraum 2007-2010 ein Fördervolumen (Anträge) von rd. 15 Milliarden Euro entfällt. Die meisten Anträge gingen im Bereich der Marie-Curie-Maßnahmen ein, in dem überwiegend Einzelstipendien an mobilitätsinteressierte Forscher vergeben werden. Exzellenznetze spielen im Instrumentarium des 7. FRP kaum noch eine Rolle, 2010 wurden lediglich sechs Exzellenznetze gefördert.
- Die Time-to-grant, d. h. die Zeitspanne vom Ende der Ausschreibung bis zum Vertragsabschluss, ist nach wie vor sehr lang. Im Durchschnitt dauert es im 7. FRP 348 Tage, bis der Zuwendungsvertrag unterschrieben ist. Im Vergleich dazu lag die Dauer 2008 im Durchschnitt bei 333 Tagen, 2007 bei 291 Tagen.
- Hochschulen weisen nach wie vor den höchsten Anteil an den Fördermaßnahmen des 7. FRP auf, gefolgt von Forschungseinrichtungen, Unternehmen und öffentlichen Einrichtungen. Die Unternehmensbeteiligung ist besonders hoch bei den KMU-Maßnahmen im spezifischen Programm Kapazitäten sowie in den Themen Transport, Nanowissenschaften und -technologien, Materialforschung und neue Produktionstechnologien (NMP), Informations- und Kommunikationstechnologien (IKT), Sicherheitsforschung und Energie. In den zehn Themenbereichen des spezifischen Programms Zusammenarbeit erreichen KMU einen Anteil von 14,3 % der Zuwendungen. Damit wird der von der Kommission gesetzte Zielwert von 15 % weiterhin nicht erreicht. Die Kommission geht jedoch davon aus, dass der angestrebte KMU-Zuwendungsanteil von 15 % dank der KMU-zentrierten Ausschreibungen in den Arbeitsprogrammen 2011 und 2012 bis zum Ende der Programmlaufzeit noch erreicht werden kann.

- Derzeit sind 13 Nicht-EU-Staaten zum 7. FRP assoziiert. Im Jahr 2010 haben diese Länder insgesamt rd. 9 % der erfolgreichen Antragstellenden gestellt und rd. 9 % der gesamten Fördermittel eingeworben. Ihre Erfolgsquote liegt im Durchschnitt der EU27. Neben den assoziierten Staaten haben sich 1.160 Antragsteller aus insgesamt 87 Drittstaaten im Jahr 2010 am FRP beteiligt und dabei 113 Millionen Euro Fördermittel eingeworben. Die Gruppe der Drittstaaten stellt damit rd. 8,5 % der Projektteilnehmenden und wirbt rd. 3 % der Fördermittel ein. Die erfolgreichsten Drittstaaten sind die USA, Südafrika, Russland, Brasilien, China, Ägypten, Indien, Mexiko, Tunesien und die Ukraine. Diese Länder haben alle Kooperationsabkommen (S&T agreements) mit der EU abgeschlossen.
- Die Kommission berichtet erstmals über die Ergebnisse der geförderten Projekte, die seit November 2009 über das Berichtssystem SESAM erfasst werden. So gingen aus den Projekten des 7. FRP bis März 2011 rd. 8.150 Publikationen und rd. 200 Patente hervor. Bisher ist die Zahl der abgeschlossenen Projekte noch vergleichsweise gering, in den kommenden Jahren wird die Kommission in ihren Monitoring Reports hierzu ausführlicher berichten.

Quelle

→ http://www.eubuero.de/frp7_monitoring-bericht2010.htm

Download

Fourth FP7 Monitoring Report – Monitoring Report 2010

→ http://ec.europa.eu/research/evaluations/pdf/archive/fp7_monitoring_reports/fourth_fp7_monitoring_report.pdf

Weitere Informationen

7. EU-Forschungsrahmenprogramm: Monitoring

→ <http://www.eubuero.de/frp7-monitoring.htm>

EU-Büro des BMBF

→ <http://www.eubuero.de/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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



Fachliche Ansprechpartner für EU im Internationalen Büro

Claudia Bernarding, Tel. 0228/3821-1839, claudia.bernarding@dlr.de

Dr. Olaf Heilmayer, Tel. 0228/3821-1443, olaf.heilmayer@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen, Förderung



Kommission veröffentlicht Strategie zur Modernisierung der Hochschulbildung

Die Europäische Kommission hat am 20. September im Rahmen der EU-Strategie für Wachstum und Beschäftigung eine neue Reformstrategie vorgelegt, mit der die Anzahl der Hochschulabsolventen erhöht und die Qualität der Lehre verbessert werden soll. Damit die Wirtschaft der EU gestärkt aus der Krise hervorgeht, soll darüber hinaus auch der entsprechende Beitrag der Hochschulbildung maximiert werden. Die Strategie zeigt Schwerpunktbereiche auf, in denen die Mitgliedstaaten mehr für das Erreichen der gemeinsamen Bildungsziele tun müssen und nennt Maßnahmen der Europäischen Union, mit denen die Länder bei ihrer Modernisierungspolitik unterstützt werden sollen. Zu den Initiativen auf EU-Ebene gehören ein mehrdimensionales Hochschulranking, mit dessen Hilfe Studierende feststellen können, welcher Studiengang am besten für sie geeignet ist, sowie im Rahmen von „Erasmus für Masterstudierende“ eine Bürgschaft für Studiendarlehen für Studierende, die einen vollständigen Studienzyklus im Ausland absolvieren.

In der Europäischen Union gibt es etwa 4.000 Universitäten und sonstige Hochschuleinrichtungen sowie mehr als 19 Millionen Studierende. In den vergangenen Jahren haben Zahl und Vielfalt von Hochschuleinrichtungen und die Zahl der Studierenden erheblich zugenommen. Finanzierung, Verwaltungsstrukturen und Curricula konnten dabei häufig nicht Schritt halten. Die Hochschulbildung ist derzeit nicht leistungsfähig genug, um genügend Menschen in Europa die Fä-

higkeiten und Kenntnisse zu vermitteln, die für die Schaffung von Arbeitsplätzen und Wachstum erforderlich sind. Gleichzeitig investieren weltweit Europas Wettbewerber – und insbesondere aufstrebende Volkswirtschaften – immer mehr in ihre Hochschulbildung.

Zu den Schwerpunktbereichen, in denen weitere Reformen erforderlich sind, gehören:

- Steigerung der Zahl von Hochschulabsolventen; Gewinnen breiterer Gesellschaftsschichten für die Hochschulbildung; Verringerung der Anzahl an Studienabbrechern,
- Verbesserung der Qualität und Relevanz der Hochschulbildung, damit die Curricula den Anforderungen der Einzelnen, des Arbeitsmarktes und künftiger Karrieremöglichkeiten gerecht werden sowie Förderung und Anerkennung von Exzellenz in Lehre und Forschung,
- mehr Möglichkeiten für Studierende, durch Studien- oder Praktikumsaufenthalte im Ausland zusätzliche Fähigkeiten und Kenntnisse zu erwerben; Förderung der grenzübergreifenden Zusammenarbeit für bessere Leistungen der Hochschuleinrichtungen,
- Ausbildung von mehr Forschenden, damit der Boden für die Unternehmen von morgen bereitet wird,
- Stärkung der Verbindungen zwischen Bildung, Forschung und Wirtschaft zur Förderung von Exzellenz und Innovation,
- Sicherstellung einer effizienten Finanzierung, um den Hochschulen mehr Freiraum zu schaffen und Investitionen in eine hochwertige Bildung zu ermöglichen, die den Anforderungen des Arbeitsmarktes gerecht wird.

Viele EU-Länder betrachten die Modernisierung ihrer Hochschulsysteme als Priorität – allerdings wird das Potenzial der europäischen Hochschulen, zu Europas Wohlstand beizutragen und eine wichtige Rolle in der Gesellschaft zu spielen, nach wie vor nicht voll ausgeschöpft. Daher steht die Bildung im Mittelpunkt der Strategie Europa 2020, in der das Ziel festgelegt wurde, dass am Ende dieses Jahrzehnts 40 % der jungen Menschen in Europa über einen Hochschulabschluss verfügen (im Vergleich zu 33,6 % im Jahr 2010).

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1043&format=HTML&aged=0&language=DE&guiLanguage=en>

Download

Mitteilung zur EU-Strategie zur Modernisierung der Hochschulbildung

→ http://ec.europa.eu/education/higher-education/doc/com0911_en.pdf

Weitere Informationen

Modernisierung der Hochschulbildung – Fakten und Zahlen

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/11/613&format=HTML&aged=0&language=EN&guiLanguage=fr>

Die EU-Strategie zur Modernisierung der Hochschulbildung – Fragen und Antworten

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/11/615&format=HTML&aged=0&language=EN&guiLanguage=fr>

Statistik – Arbeitsunterlage der Kommissionsdienststellen zu den neuesten Entwicklungen in Europas Hochschulbildungssystemen:

→ http://ec.europa.eu/education/higher-education/doc/wp0911_en.pdf

Eurydice-Studie über die Modernisierung der Hochschulbildung in Europa (Finanzierung und die soziale Dimension)

→ http://eacea.ec.europa.eu/education/eurydice/thematic_studies_de.php

Europäische Kommission: Hochschulbildung

→ http://ec.europa.eu/education/lifelong-learning-policy/doc62_de.htm

Vorschlag der Kommission im Bereich allgemeine und berufliche Bildung und Jugend für den nächsten EU-Haushalt

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/857&format=HTML&aged=0&language=DE&guiLanguage=fr>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

Fachliche Ansprechpartner für EU im Internationalen Büro

Claudia Bernarding, Tel. 0228/3821-1839, claudia.bernarding@dlr.de

Dr. Olaf Heilmayer, Tel. 0228/3821-1443, olaf.heilmayer@dlr.de

Fachlicher Ansprechpartner für Hochschulen im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Hochschulen



Kommission ruft angesichts der gesellschaftlichen Herausforderungen zu Partnerschaften auf

Am 21. September hat die Europäische Kommission öffentliche und private Akteure dazu aufgerufen, ihre Kräfte auf europäischer Ebene zu bündeln, um den großen gesellschaftlichen Herausforderungen mit Antworten aus Forschung und Innovation zu begegnen. In ihrer Mitteilung zieht die Europäische Kommission erste Lehren aus Pilotprojekten und zeigt Schritte auf, wie noch mehr öffentlich-private und öffentlich-öffentliche Partnerschaften gebildet werden können, die noch effizienter sind.

Die Kommissionsmitteilung legt nahe, dass die verwaltungstechnischen Rahmenbedingungen einfacher und flexibler werden müssen, sobald sich Partnerschaften auf EU-Ebene als notwendig und nützlich erweisen. Engpässe und Hindernisse bei der grenzübergreifenden Forschung gilt es abzubauen, und alle Partner, einschließlich der EU-Mitgliedstaaten und der privaten Partner, müssen sich für die Projekte finanziell langfristig engagieren.

Forschung und Innovation bieten nicht nur Lösungen für die großen gesellschaftlichen Herausforderungen – wie die Alterung der Bevölkerung, die Auswirkungen des Klimawandels, die knapper werdenden Ressourcen – sondern auch neue große Chancen für das Wachstum. Vor allem angesichts der derzeitigen Haushaltseinschnitte sind

Auf europäischer Ebene wurden schon zahlreiche Initiativen ergriffen. So wird die EU-Forschungsförderung auf dem Gebiet der 6000 bekannten seltenen Krankheiten, von denen über 20 Millionen europäische Bürger betroffen sind, besser koordiniert. Die Gemeinsame Technologieinitiative Clean Sky, die von der EU und der Luftfahrtindustrie unterstützt wird, entwickelt neue, umweltfreundliche Flugzeugtechnologien. Ferner hat die Europäische Kommission eine Europäische Innovationspartnerschaft als Pilotprojekt im Rahmen Ihrer Strategie für die Innovationsunion angestoßen, die sich mit dem Thema „Aktivität und Gesundheit im Alter“ befasst. Ziel dieser Pilot-Partnerschaft ist es, bis zum Jahr 2020 in der Europäischen Union die durchschnittliche Lebensspanne in Gesundheit um zwei Jahre zu erhöhen. Hierbei werden mit der Partnerschaft drei sich ergänzende Ziele verfolgt: Verbesserung der Gesundheit und Lebensqualität der Europäer, Unterstützung der langfristigen Tragfähigkeit und Effizienz der Gesundheits- und Sozialsysteme sowie Stärkung der Wettbewerbsfähigkeit der EU-Industrie.

die Probleme jedoch häufig für einen Mitgliedstaat oder ein Unternehmen allein zu groß, um sie im Alleingang lösen zu können. Die Vorschläge, die aus dem in der Mitteilung skizzierten Ansatz hervorgehen, werden gegen Ende des Jahres in das „Horizont-2020“-Paket der Kommission einfließen.

Quelle

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1059&format=HTML&aged=0&language=DE&guiLanguage=en>

Download

Mitteilung der Kommission: Partnering in Research and Innovation

→ http://ec.europa.eu/research/era/pdf/partnering_communication.pdf

Weitere Informationen

Partnering in Research and Innovation – Fragen und Antworten

→ <http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/11/623&format=HTML&aged=0&language=EN&guiLanguage=en>

Informationen über gemeinsame Programmplanungsinitiativen:

→ http://ec.europa.eu/research/era/areas/programming/joint_programming_de.htm

Informationen zu ERA-NET/Artikel-185-Initiativen:

→ http://ec.europa.eu/research/fp7/index_en.cfm?pg=coordination

Informationen zu Technologieinitiativen:

→ <http://cordis.europa.eu/fp7/jtis/>

Informationen zu PPP im Rahmen des Konjunkturprogramms:

→ http://ec.europa.eu/research/industrial_technologies/ppp-in-research_en.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

Fachliche Ansprechpartner für EU im Internationalen Büro

Claudia Bernarding, Tel. 0228/3821-1839, claudia.bernarding@dlr.de

Dr. Olaf Heilmayer, Tel. 0228/3821-1443, olaf.heilmayer@dlr.de

Fachliche Ansprechpartnerin für Kooperation Wissenschaft - Wirtschaft im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Innovation, Kooperation Wissenschaft- Wirtschaft



Kommission legt Pläne zur Verstärkung der Verbindung von Forschungs- und Regionalpolitik dar

Die EU-Mitgliedstaaten und die europäischen Regionen müssen mehr tun, um die Synergien zwischen den EU-Regionalpolitiken und Forschungs- und Innovationsprogrammen auszunutzen, heißt es in einer neuen Mitteilung der Kommission über den Einsatz von Forschung und Innovation zur Stärkung der regionalen Wettbewerbsfähigkeit.

In ihrer Mitteilung hebt die Kommission hervor, dass die Forschungs- und die Regionalpolitiken der EU ein gemeinsames Ziel haben, nämlich die Schaffung von Arbeitsplätzen und Wachstum. Die Verknüpfung dieser beiden Politiken wird auch durch die Tatsache vereinfacht, dass sie nun für die gleiche Periode festgelegt wurden. In der letzten Runde zur Kohäsionspolitik, die den Zeitraum von 2007 bis 2013 abdeckt, sollen die Mitgliedstaaten zwischen 60 % und 75 % der Ressourcen für Aktivitäten im Zusammenhang mit der Strategie von Lissabon, wie beispielsweise Forschung und Innovation, zur Verfügung stellen.

Seinerseits umfasst das Siebte Rahmenprogramm (7. FRP) Initiativen, die auf die Förderung der Forschungskapazität der europäischen Regionen ausgerichtet sind. Zum Beispiel regt die Initiative „Wissensorientierte Regionen“ die Entwicklung regionaler „Forschungsorientierter Cluster“ an, die Universitäten, Forschungszentren, Unternehmen und regionale Behörden zusammenführen. Gleichzeitig zielt das Programm „Forschungspotenzial von Konvergenzregionen“ auf die Stärkung der Möglichkeiten für Forscher in Europas am wenigsten entwickelten Regionen, an den EU-Forschungsprogrammen teilzunehmen.

Die Europäische Kommission plant nun eine Reihe von Maßnahmen, um Mitgliedstaaten und Regionen dabei zu helfen, ihre Förderung besser einzusetzen. Bis Ende des Jahres wird die Kommission eine Anleitung erstellen, um Forschungsorganisationen und Unternehmen bei der Identifizierung der passendsten Förderung zu helfen.

Die Kommission wird auch daran arbeiten sicherzustellen, dass nationale und regionale Behörden wissen, welche Organisationen Forschungs- und Innovati-

onsförderungen von der EU erhalten, sodass sie diese eventuell mit regionalen, nationalen und anderen europäischen Fördermitteln ergänzen können.

Schließlich wird die Kommission regelmäßige Veranstaltungen organisieren, welche die relevanten Interessengruppen für Forschung, Innovation und regionale Entwicklung zusammenführen, um Ideen und bewährte Verfahren auszutauschen.

Quelle

→ http://cordis.europa.eu/fetch?CALLER=DE_NEWS&ACTION=D&SESSION=&RCN=28321

Weitere Informationen

Leitlinien zum koordinierten Einsatz vom 7. FRP und Strukturfonds zur Förderung von FuE

→ http://cordis.europa.eu/fetch?CALLER=DE_NEWS&ACTION=D&SESSION=&RCN=28339

EURAB: Es muss mehr getan werden, um Investitionen der Strukturfonds in die Forschung zu fördern

→ http://cordis.europa.eu/fetch?CALLER=DE_NEWS&ACTION=D&SESSION=&RCN=27746

Instrumente der Kohäsionspolitik

→ <http://www.forschungsrahmenprogramm.de/kohaesionsinstrumente.htm>

EU-Regionalpolitik

→ http://ec.europa.eu/regional_policy/index_de.htm

Informationen zum Programm „Wissensorientierte Regionen“ unter dem 7. FRP

→ http://cordis.europa.eu/fp7/capacities/regions-knowledge_en.html

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

Fachliche Ansprechpartner für EU im Internationalen Büro

Claudia Bernarding, Tel. 0228/3821-1839, claudia.bernharding@dlr.de

Dr. Olaf Heilmayer, Tel. 0228/3821-1443, olaf.heilmayer@dlr.de

Fachliche Ansprechpartnerin für Innovation VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Innovation, Förderung



Nordic Ministers for Gender Equality: Integrate the Gender Perspective into Climate Work

The connection between climate change and gender was discussed at the meeting of the Nordic ministers for gender equality affairs on 21 September 2011 in Helsinki. Sustainable development and alleviating the impacts of climate change require equality between women and men, the ministers stated at their meeting.

The ministers discussed how different sectors could make more extensive use of the gender-specific information that is available on, among other things, the consumption of food and energy and on physical activity, which the gender equality sector has produced to intensify the work against climate change. A data bank on this will be published in November.

Climate change is the key theme of the Finnish Presidency of the Nordic Council of Ministers. The Nordic equality ministers have cooperated on this theme since 2008. Climate change is not only an issue for the developing countries but its impact is also felt concretely in the Nordic countries. During the recent heat waves, for instance, more women than men died in Sweden. The reasons for this are multifaceted, and more research is needed into the connection between gender and climate.

Women and men in the Nordic countries also influence the climate change by their own behaviour. There is evidence that for instance men's and women's different income levels have an impact on what they do during their leisure time and thus also on the climate. For instance, men use more often private cars while women most often use means of public transport.

During the meeting the ministers also touched on gender mainstreaming in the Nordic countries as well as some other gender equality themes. They also took a look at the events to be arranged under the Norwegian Presidency in 2012. The meeting was chaired by the Finnish Minister of Culture and Sport Paavo Arhinmäki, who is also in charge of gender equality affairs in Finland. Minister Arhinmäki told his colleagues that Finland is preparing an action plan on gender equality that will focus on issues related to working life and education. The efforts to achieve equal pay for women and men and to prevent violence against

women will also continue. The gender and, in particular, male perspective will be of particular importance in the government action plan to reduce poverty, inequality and social exclusion.

Quelle

→ <http://www.norden.org/en/news-and-events/news/nordic-ministers-for-gender-equality-integrate-the-gender-perspective-into-climate-work>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus EU

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

Fachlicher Ansprechpartner für Nordische Länder im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Umwelt, Rahmenbedingungen



Frankreich

France Hangs On To Generous Research Tax Credit

Barbara Casassus reports for *SciencInsider*, that "despite its increasingly dire financial situation, the French government has decided to keep its controversial Research Tax Credit (CIR), which is among the most generous in the world. The government's 2012 budget, presented last month (28 September), estimates that the outlay for CIR will even grow somewhat, to an estimated 5.3 billion euros."

Quelle

→ <http://news.sciencemag.org/scienceinsider/2011/09/france-hangs-on-to-generous-research.html>

Weitere Informationen

Invest in France: France caters to innovative companies and offers the best research tax credit in Europe (2008)

→ http://www.diplomatie.gouv.fr/en/IMG/pdf/ArguCIR_nov08_UK.pdf

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Frankreich

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

Fachliche Ansprechpartnerin für Frankreich im Internationalen Büro

Dr. Naima Barouk, Tel. 0228/3821-1418, naima.barouk@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Förderung



Großbritannien

University “Pathways” to International Students

An increasing number of UK universities are linking with private education companies to offer study and language preparation programmes that aim to not just improve the skills of international students but create new opportunities to promote their courses in an increasingly competitive global student market. However, pressures to enrol are raising concerns, writes Amy Baker for the Guardian.

Brighton University is one of a growing number of higher education institutions linking up with private providers to establish “academic pathway” programmes. From this month a new faculty will open on the campus. The university’s International College, a joint venture with US private education provider Kaplan, will provide a staging post for students from outside the UK who need to raise their English language proficiency and hone their study skills before embarking on degree-level studies. Students who successfully complete the International College programme will be guaranteed entry to the course of their choice. But the

University and College Union has concerns, including working standards for staff on some pathway operations, and assured enrolments for international students who might not be up to scratch.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20110916204612720>

Weitere Informationen

Full report on The Guardian site

→ <http://www.guardian.co.uk/education/2011/sep/13/internationaleducationnews>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

Fachliche Ansprechpartnerin für Großbritannien im Internationalen Büro

Dr. Ursula Henze-Schulte, Tel. 0228/3821-1808, ursula.henze-schulte@dlr.de

Fachlicher Ansprechpartner für Hochschulen im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Hochschulen, Kooperation Wissenschaft- Wirtschaft



£ 50 Million Hub to Commercialise Nobel Prize Winning Material

A £ 50 million Global Research and Technology Hub was announced in October by the Department for Business, Innovation and Skills. The Hub will connect UK researchers and businesses working to commercialise the Nobel Prize winning super strong material graphene.

Universities and Science Minister David Willetts said: “One year ago scientists working in Manchester won the Nobel Prize for their discovery of graphene – the Global Hub will ensure we win the race to develop commercial uses for it as well. The Hub will keep world-beating research into graphene in this country. It brings researchers and the companies seeking to exploit its incredible commercial potential together.”

Graphene, discovered by Manchester University scientists Professor Andre Geim and Dr Konstantin Novoselov, is an exceptionally good conductor and the strongest and thinnest material ever measured. Its potential uses include flexible touchscreens, pollution sensors and biomedical sensors.

The UK has particular strength in graphene research with centres of excellence at Manchester, Cambridge, Lancaster, Exeter, Bath, Oxford and Durham universities and Imperial College London. UK researchers are in a worldwide race to develop commercial uses for graphene. The Hub will ensure leading researchers stay in Britain, leverage private sector investment and help develop a home grown high-tech industry.

The Government, through the Engineering and Physical Sciences Research Council (EPSRC), has supported the early research which led to the discovery of graphene. Since the original discovery of graphene at Manchester, EPSRC has invested over £ 16 million into research funding for the area.

Quelle

→ http://nds.coi.gov.uk/content/Detail.aspx?ReleaseID=421451&NewsAreaID=2&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+bis-news+%28BIS+News%29

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

Fachliche Ansprechpartnerin für Großbritannien im Internationalen Büro

Dr. Ursula Henze-Schulte, Tel. 0228/3821-1808, ursula.henze-schulte@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Schlüsseltechnologien, Rahmenbedingungen



Government Funds Manufacturing Research in Drive for Future Growth

The UK's ability to stay at the forefront of world-class manufacturing received a boost of over £ 170 million as the Government announced a package to drive future growth.

A high value manufacturing technology and innovation centre will receive over £ 140 million over a six year period and is open for business.

The centre is formed from seven research and technology facilities from across the country. It will help to kick-start a sustained manufacturing revival by commercialising science – taking ideas from the drawing board to help make them into real products.

The Technology Strategy Board (TSB) will run a competition of nearly £ 18 million, Technology Inspired Innovation, to fund products inspired by new discoveries and breakthroughs, such as advanced materials, biosciences and nanoscale technologies.

The TSB and the Office for Low Emission Vehicles (OLEV) will also be running a £ 15 million competition for investment into the research and development of low carbon vehicles.

To ensure manufacturers have access to the skills they need to remain at the forefront of advanced manufacturing, the Government has launched the new initiative: See Inside Manufacturing. This is being piloted by businesses in the automotive sector. Between 10 and 21 October around 100 events were being held across the UK. Companies in the sector are opening their doors to students and young people to help change the perception of careers in the sector and to attract the next generation of engineers and technicians.

The high value manufacturing technology and innovation centre is formed from seven regional facilities across the country. These are:

- Advanced Manufacturing Research Centre (Rotherham, part of the University of Sheffield)
- Nuclear Advanced Manufacturing Research Centre (Rotherham)
- Manufacturing Technology Centre (Coventry)
- Advanced Forming Research Centre (University of Strathclyde)
- National Composite Centre (University of Bristol)
- Centre for Process Innovation (Wilton & Sedgefield)
- Warwick Manufacturing Group (University of Warwick).

They will support research and development in areas such as the re-emerging nuclear industry, precision aircraft component manufacture and biochemical processes from sustainable feedstocks.

The high value manufacturing technology and innovation centre will work closely with the nine recently established Engineering and Physical Sciences Research Council centres, which will accelerate the commercialisation of new and emerging manufacturing technologies and position UK industry for future competitive advantage.

The UK network of technology and innovation centres is based on the German network of similar centres, the Fraunhofer Gesellschaft. In 2005 this network developed the MP3 player, which generated €100 million of revenue.

Quelle

→ <http://nds.coi.gov.uk/content/detail.aspx?NewsAreaId=2&ReleaseID=421545&SubjectId=2>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

Fachliche Ansprechpartnerin für Großbritannien im Internationalen Büro

Dr. Ursula Henze-Schulte, Tel. 0228/3821-1808, ursula.henze-schulte@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Schlüsseltechnologien, Förderung



UK Universities Contribute Three Billion Pounds to Economic Growth

Analysis by the Higher Education Funding Council for England (HEFCE) of the tenth annual Higher Education – Business and Community Interaction survey shows the total value of UK knowledge exchange increased by 4 % from £ 2.97 billion in 2008-09 to £ 3.09 billion in 2009-10.

The analysis, published 15 September 2011, shows encouraging signs of the rising value of UK knowledge exchange. This is shown by increases in the volume of collaborative research and income from turning ideas into new products and services.

Although there are clear signs of the recent economic contraction (especially in spending by large businesses), spending by small and medium-sized enterprises (SMEs) on research, consultancy, and other services provided by universities is growing.

Universities are putting their best efforts into stimulating economic growth and contributing to public services and society, in challenging global conditions:

In 2009-10 273 new businesses were set up based on the world-class research carried out by UK universities making the total number of active spin-offs 1,340. These companies employed around 17,000 people and turned over nearly £ 1.8 billion during the year.

Over 2,000 graduates established new enterprises to capitalise on the knowledge and experience gained while studying. Universities support these enterprises not just by embedding enterprise in degree courses, but also by providing advice and facilities for graduates to set up and grow their businesses, and putting them in touch with investors looking for opportunities.

The direct application of knowledge to solving problems in the public and private sectors also increased, with collaborative research increasing by 2 % and contact research by 5 %.



Quelle

→ <http://www.hefce.ac.uk/news/hefce/2011/hebci.htm>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Großbritannien

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

Fachliche Ansprechpartnerin für Großbritannien im Internationalen Büro

Dr. Ursula Henze-Schulte, Tel. 0228/3821-1808, ursula.henze-schulte@dlr.de

Fachliche Ansprechpartnerin für Kooperation Wissenschaft- Wirtschaft im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Hochschulen, Kooperation Wissenschaft- Wirtschaft



Japan

Japan to Boost Science Spending, Reduce Support for Nuclear Power

Dennis Normile reports for *ScienceInsider*, that “Japan’s ministry of education wants to boost overall science-related spending next year by 5.8 %, to \$ 14.7 billion. But amid increasing support for most programs there is one big loser: nuclear power. Spending on nuclear-related research will drop 9.8 %, to \$ 2.3 billion. A large chunk of that reduction applies to Monju, the troubled experimental fast breeder reactor. The allocation essentially puts Monju on hold pending a review of the nation’s energy policy.”

According to Normile, “the education ministry accounts for the bulk of Japan’s science spending, particularly for basic research. Details on governmentwide

science spending are not yet available. Requested budgets are usually adopted by the Japanese legislature with minimal changes.”

Quelle

→ <http://news.sciencemag.org/scienceinsider/2011/09/japan-to-boost-science-spending.html>

Weitere Informationen

Japan freezes fast breeder plans

→ http://blogs.nature.com/news/2011/09/japan_fast_breeder_freeze.html

Ministry of Education,Culture,Sports,Science & Technology

→ <http://www.mext.go.jp/english/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Japan

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

Fachlicher Ansprechpartner für Japan im Internationalen Büro

Dr. Hans-Jörg Stähle, Tel. 0228/3821-1403, hans.staehle@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Energie, Rahmenbedingungen



Revision der Visumsbestimmungen für ausländische Berufsschulabsolventen

Das Ministry of Justice (MOJ) hat im Juli 2011 die Bildungsanforderungen für Ausländer gelockert, die bereits in Japan gelebt haben und zu Arbeitszwecken wieder einreisen möchten. Dadurch wird Absolventen japanischer Berufsschulen ohne Universitätsabschluss eine Wiedereinreise ermöglicht.

Die Maßnahme ist Teil einer neuen Wachstumsstrategie und zielt darauf ab, diese Absolventen bei ihrer Karriere zu unterstützen, um so mehr ausländische Studierende nach Japan zu holen. Außerdem möchte man dadurch gerne Be-

rufsschüler, die in Japan arbeiten möchten, das Land aber aufgrund des Tohoku Erdbebens verlassen haben, zur Rückkehr nach Japan bewegen.

Vor der Revision war nur ausländischen Universitätsabsolventen nach der Rückreise ins Heimatland eine Wiedereinreise nach Japan zur Arbeitsaufnahme möglich, da das MOJ bei Ausländern „gewisse Fachkenntnisse“ für erforderlich erachtete.

Quelle

→ <http://www.jsps-bonn.de/index.php?id=1399>

Weitere Informationen

Ministry of Justice (MOJ)

→ <http://www.moj.go.jp/ENGLISH/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Japan

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

Fachlicher Ansprechpartner für Japan im Internationalen Büro

Dr. Hans-Jörg Stähle, Tel. 0228/3821-1403, hans.staehle@dlr.de

Fachlicher Ansprechpartner für Fachkräfte im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Berufliche Bildung, Fachkräfte



Kanada

Government of Canada Renews Funding for World-Class Arctic Research

The Honourable Christian Paradis, Minister of Industry and Minister of State (Agriculture), announced on 15 September an additional \$ 67.3 million in funding to ArcticNet – the largest funding renewal for the Networks of Centres of Excel-

lence (NCE) program to date. The mission of this world-leading network is to help adapt the coastal Canadian Arctic to climate change and modernization.

ArcticNet, an independent not-for-profit organization housed at the Université Laval in Quebec City, received its first federal grant in 2003 for almost \$ 46 million. Now it will receive the funding over a seven-year period. It was renewed because it met the threshold of excellence after rigorous evaluation of its scientific accomplishments, future research goals, and training and knowledge-transfer activities.

"This research is invaluable and has been applied by many stakeholders involved in the future of Arctic development, including industry partners and regulators, policymakers as well as local populations", said Suzanne Fortier, Chair of the Networks of Centres of Excellence Steering Committee and President of the Natural Sciences and Engineering Research Council of Canada.

The NCE program is managed jointly by the three federal granting agencies – Natural Sciences and Engineering Research Council of Canada (NSERC), Canadian Institutes of Health Research (CIHR), and Social Sciences and Humanities Research Council (SSHRC) – in partnership with Industry Canada.

Quelle

→ http://www.nce-rce.gc.ca/Media-Medias/news-communiques/News-Communique_eng.asp?ID=101

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

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

Fachliche Ansprechpartnerin für Kanada im Internationalen Büro

Dr. Barbara Hellebrandt, Tel. 0228/3821-1433, barbara.hellebrandt@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Umwelt, Förderung



Government of Canada Launches New Industrial Research Chairs for Colleges Grants

A new initiative for colleges will give them the opportunity to work closely with local businesses on research that will benefit researchers, businesses and their communities. The Honourable Gary Goodyear, Minister of State (Science and Technology) announced on 11 October that applications are now being accepted for the Natural Sciences and Engineering Research Council of Canada's (NSERC's) new Industrial Research Chairs for Colleges (IRCC) Grants.

IRCC Grants will help companies access the people, infrastructure and resources needed to engage in leading-edge applied research activities at college campuses across the country. This initiative joins a full suite of other college-industry partnership grants currently offered by NSERC.

Budget 2011 provides \$ 3 million this year, followed by \$ 5 million a year on a permanent basis, to support up to 30 new Industrial Research Chairs for Colleges Grants.

The Chairs will act as catalysts for the delivery of innovative applied research solutions to local companies at the community level. Each Chair will receive from \$ 100,000 to \$ 200,000 annually and will be offered a five-year term.

NSERC is a federal agency that helps make Canada a country of discoverers and innovators for all Canadians. The agency supports some 30,000 post-secondary students and postdoctoral fellows in their advanced studies. NSERC promotes discovery by funding more than 12,000 professors every year and fosters innovation by encouraging more than 1,500 Canadian companies to participate and invest in post-secondary research projects.

Quelle

→ http://www.nserc-crsng.gc.ca/Media-Media/NewsRelease-CommuniqueDePresse_eng.asp?ID=320

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Kanada

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



Fachliche Ansprechpartnerin für Kanada im Internationalen Büro

Dr. Barbara Hellebrandt, Tel. 0228/3821-1433, barbara.hellebrandt@dlr.de

Fachliche Ansprechpartnerin für Kooperation Wissenschaft- Wirtschaft im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Hochschulen, Kooperation Wissenschaft- Wirtschaft



Russland

The Russian Ministry of Education and Science and the Nordic Council of Ministers Signed a MoU

On 29 September 2011 the Russian Ministry of Education and Science and the Nordic Council of Ministers signed a Memorandum of Understanding on cooperation in education and research.

The memorandum was signed by Sergey Ivanets, Russian Deputy Minister of Education and Science, and by Tora Aasland, Norwegian Minister for Research and Higher Education on behalf of the Nordic Council of Ministers.

The signed document specifies priority areas for cooperation in education and science, and formulates common goals and modalities of multilateral cooperation in these areas. Programmes and projects will be implemented in collaboration with both public and private educational and research organisations.

The memorandum is a continuation of the multilateral cooperation that is based on the Memorandum between the Government of the Russian Federation and the Nordic Council of Ministers as of 25 August 1997. The signing ceremony took place in St. Petersburg in the Baltic State Technical University Voennmekh.

The signing took place during the Nordic Weeks in St. Petersburg, an event where the citizens get the opportunity to learn more about the Nordic culture and societies.

Quelle

→ <http://www.norden.org/en/news-and-events/news/the-russian-ministry-of-education-and-science-and-the-nordic-council-of-ministers-signed-a-memorandum-of-understanding>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Russland

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

Fachliche Ansprechpartnerinnen für Russland im Internationalen Büro

Maria Josten, Tel. 0228/3821-1469, maria.josten@dlr.de

Dr. Jörn Grünewald, Tel. 0228/3821-1457, joern.gruenewald@dlr.de

Dr. Marion Mienert, Tel. 0228/3821-1469, marion.mienert@dlr.de

Fachlicher Ansprechpartner für Nordische Länder im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Internationalisierung



USA

Führende Chiphersteller investieren \$ 4,4 Mrd. im Bundesstaat New York

Der Gouverneur des US-Bundesstaates New York, A.M. Cuomo, hat am 27. September bekannt gegeben, dass Samsung, Intel, IBM, GlobalFoundries und TSMC 4,4 Milliarden Dollar in die Forschungs- und Entwicklungsinfrastruktur des US-Bundesstaates investieren werden. Die Gelder sollen in einem Zeit-

raum von fünf Jahren fließen und New Yorks Position als Spitzencluster der Nanotechnologie- und Halbleiterbranche weiter ausbauen.

Die Technologieunternehmen treten gemeinsam als "Global 450 Consortium" auf. Ziel der Unternehmensvereinigung ist es, Wafer mit einem Durchmesser von 450 mm zu entwickeln. Diese Vergrößerung der Fläche – aktuell sind 300-mm-Wafer die größten industriell hergestellten Halbleiterscheiben – würde die Produktionskosten verringern und zu einer umweltfreundlicheren Herstellungsweise führen.

Laut Paul Otellini, dem Vorstandsvorsitzenden von Intel, bietet der US-Bundesstaat New York mit dem renommierten College of Nanoscale Science and Engineering (CSNE) beste Voraussetzungen für dieses Forschungs- und Entwicklungsvorhaben.

New York darf außerdem darauf hoffen, dass der Staat durch die Forschungs- und Entwicklungsbemühungen zu einem bevorzugten Standort für erste Produktionsstätten der 450-mm-Technologie wird.

Die investierenden Unternehmen erhalten keine direkte finanzielle Unterstützung von Bundes- oder Landesebene. Allerdings modernisiert der Staat New York das CSNE der State University of New York (SUNY) für rund 400 Millionen Dollar. Diese Gelder fließen ebenfalls über einen Zeitraum von fünf Jahren. Gekaufte Geräte und Ausrüstung bleiben in Besitz des CSNE.

Die 4,4 Milliarden Dollar umfassende Investition setzt sich aus zwei verschiedenen Projekten zusammen. Das erste Projekt wird von IBM geleitet und zielt auf Entwicklung von zwei neuen Generationen von Computerchips. Am zweiten Projekt sind alle fünf Unternehmen beteiligt. Hier liegt der Schwerpunkt auf der Transformation der aktuellen 300-mm-Technologie hin zu einer Fertigung von 450-mm-Wafern. Durch die Vergrößerung könnten zukünftig Wafer mit mehr als doppelt so vielen Chips hergestellt werden.

Quellen

→ <http://www.kooperation-international.de/usa/netzwerke/nc/info/detail/data/56904/>

→ <http://www.governor.ny.gov/press/092711chiptechnologyinvestment>

Weitere Informationen

CSNE NanoTech Complex

→ <http://cnse.albany.edu/WorldClassResources/CNSEAlbanyNanoTechComplex.aspx>

IBM Yorktown Heights und IBM East Fishkill

→ http://www.watson.ibm.com/general_info_ykt.shtml

SUNY Institute of Technology (SUNYIT) in Utica

→ <http://www.sunyit.edu/>

CNSE Smart System Technology & Commercialization Center

→ <http://cnse.albany.edu/LeadingEdgeResearchandDevelopment/STC.aspx>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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

Fachliche Ansprechpartnerin für USA im Internationalen Büro

Dr. Barbara Hellebrandt, Tel. 0228/3821-1433, barbara.hellebrandt@dlr.de

Fachliche Ansprechpartnerin für Cluster im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Schlüsseltechnologien, Cluster



DOE Releases Inaugural Quadrennial Technology Review Report

The Department of Energy (DOE) today released its inaugural Quadrennial Technology Review report (DOE-QTR) – an assessment of the Department's energy technology research and development portfolios. The DOE-QTR establishes a robust framework for the Department's energy technology activities, including principles it can use to prioritize its technology research and development. Inspired by the Quadrennial Defense Review, the DOE-QTR was recommended by the President's Council of Advisors on Science and Technology (PCAST) as an initial step toward a government-wide Quadrennial Energy Review to help formulate a national energy policy.

In an effort to address the nation's challenges, energy security and U.S. competitiveness, the DOE-QTR defines six key strategies: increase vehicle efficiency; electrification of the light duty fleet; deploy alternative fuels; increase building and industrial efficiency; modernize the electrical grid; and deploy clean electricity. Findings of the DOE-QTR include:

- DOE should give greater emphasis to the transport sector relative to the stationary sector.
- Among the transport strategies, DOE will devote its greatest effort to electrification of the vehicle fleet, a sweet spot for pre-competitive DOE R&D.
- Within the stationary heat and power sector, the DOE-QTR finds that the Department should increase emphasis on efficiency and understanding the grid. It states that the Department's role as a source of information and as a convener of interested parties, two functions that are often underestimated, are unique and indispensable in advancing energy technologies.
- Finally, the DOE-QTR highlights the need for the Department to develop stronger, more integrated policy, economics, and technical analyses of its research and development activities.

The DOE-QTR binds together multiple energy technologies, as well as multiple DOE energy technology programs, in the common purpose of solving our energy challenges. The DOE-QTR provides a multi-year framework for program planning by looking at a broader longer-term view than the annual budget process; allowing the Department to provide the consistent and predictable support necessary to for the success of research, development, and demonstration activities.

Quelle

→ <http://energy.gov/articles/department-energy-releases-inaugural-quadrennial-technology-review-report>

Download

DOE Quadrennial Technology Review report

→ <http://energy.gov/sites/prod/files/ReportOnTheFirstQTR.pdf>

Weitere Informationen

U.S. Department of Energy (DOE)

→ <http://energy.gov>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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

Fachliche Ansprechpartnerin für USA im Internationalen Büro

Dr. Barbara Hellebrandt, Tel. 0228/3821-1433, barbara.hellebrandt@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Energie, Rahmenbedingungen



Development of a Decadal Consensus Plan for Plant Science

The American Society of Plant Biologists (ASPB) has convened more than 75 scientists from across plant science to chart the future of the field. The Plant Science Research Summit is designed to engage the broad plant science research community in a process that will develop a consensus plan to invigorate and guide plant science research over the next decade.

The primary product of the Plant Science Research Summit will be a high quality report that will suggest a decadal plan for investments in plant science research, describing the contributions of plant science to addressing important scientific priorities and vital societal challenges. The report is expected to be released in early 2012.

Quelle

→ http://my.aspb.org/members/blog_view.asp?id=700954&post=131474

Weitere Informationen

Plant Science Research Summit: Background Green Papers

→ http://my.aspb.org/members/group_content_view.asp?group=83621&id=113991

Plant Science Research Summit: Summit Presentations

→ http://my.aspb.org/members/group_content_view.asp?group=83621&id=116334

Plant Science Research Summit Group

→ <http://my.aspb.org/members/group.asp?id=83621&CFID=30531&CFTOKEN=19761178>

American Society of Plant Biologists (ASPB)

→ <http://my.aspb.org>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus USA

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

Fachliche Ansprechpartnerin für USA im Internationalen Büro

Dr. Barbara Hellebrandt, Tel. 0228/3821-1433, barbara.hellebrandt@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Lebenswissenschaften, Rahmenbedingungen



Ägypten

Google Offers Egyptian Technology Entrepreneurs EGP 1.2 Million

Google announced last month (26 September) a new competition called “ابدأ with Google” (ابدأ means “start” in Arabic) in partnership with Science Age Society and Innoventures. “ابدأ with Google” will seek to find the country’s most talented Egyptian entrepreneurs and award them with EGP 1.2 million (US\$ 200,000) in seed capital to bring their winning business ideas to market. The concept of “ابدأ with Google” is to inspire entrepreneurs to start their own businesses and become contributors to the society at large using technology as a catalyst for growth and economic prosperity.

During the eight-month project, Egyptian entrepreneurs will go through a process of screening and selection based on a specific set of criteria laid out by an independent judging panel of experts from various fields of businesses. The

entrepreneurs will also receive mentoring and coaching from industry professionals, executives and established entrepreneurs who will provide them with know-how and hands on training to help them succeed.

The program is being executed by Science Age Society (SAS), a local NGO, and Innoventures, a local tech incubator. SAS and Innoventures will embark on a ten-city roadshow throughout the country to spread awareness and most importantly, to receive applications.

Entrepreneurs can submit tech business ideas in several areas including cloud computing, digital advertising, E-commerce as well as mobile applications, location based applications, SMEs enablement and Arabic content.

The top 200 applicants, who will be announced in November, will participate in a three day workshop on entrepreneurship and innovation by Googlers who will fly in from around the world to provide coaching and training. Over time, the entrepreneurs will participate in competition rounds and will have to present actual prototypes and business concepts to a panel of expert judges. Around 100 of these entrepreneurs will be mentored and exposed to Angel Investors. At a later stage, the top 20 finalists will compete to win the nation's top prize which will be awarded in May 2012 and the winner will receive EGP 1.2 million as seed capital to start their business.

Google initiated this competition to spark the effective minority of Egypt's economy of small and medium size enterprise businesses. The company committed to contribute to Egypt's internet ecosystem as part of a framework agreement signed with the Egyptian government back in 2009.

Quelle

→ <http://www.startwithgoogle.com/content/index.html?id=35>

Weitere Informationen

Start with Google

→ <http://www.startwithgoogle.com/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Ägypten

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

Fachliche Ansprechpartnerin für Ägypten im Internationalen Büro

Susanne Ruppert-Elias, Tel. 0228/3821-1487, susanne.ruppert-elias@dlr.de

Fachliche Ansprechpartnerin für Kooperation Wissenschaft-Wirtschaft im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Kooperation Wissenschaft- Wirtschaft, Förderung



Ägyptisch-Japanische Universität eröffnet

Die staatliche ägyptische Universität „Egypt-Japan University of Science and Technology (E-JUST)“ wurde 2010 in Borg El-Arab City eröffnet, einem Vorort von Alexandria. Sie ist die erste Universität im Ausland, die „Japan“ in ihrem Namen verwendet. Die ägyptische Regierung will mit der Universität ein weltweit führendes Zentrum für wissenschaftliche und technische Ausbildung schaffen und bat um Kooperation bei der Einführung von Elementen des japanischen Bildungssystems, wie geringen Studentenzahlen und Fokussierung auf Forschung. zwölf Universitäten, wie die Kyoto, die Kyushu und die Waseda University sowie die Japan International Cooperation Agency (JICA) leisteten u. a. durch die Entsendung von Dozenten und das zur Verfügung stellen von Materialien Unterstützung.

Derzeit nutzen rund 50 postgraduierte Studierende der Ingenieurwissenschaften den vorläufigen Campus, eine umgebaute Wohnanlage. Die Absolventen streben Führungspositionen an ägyptischen Universitäten und in der Industrie an. Für die japanische Seite besteht der Vorteil in der Ausbildung von Japanexperten. Auch nach dem Sturz der Mubarak-Regierung bleibt der Plan bestehen, 2014 in der Nähe einen neuen Campus zu errichten und auch eine geisteswissenschaftliche Fakultät zu gründen. Die endgültige Studentenzahl soll 3.000 Studenten betragen, d. h. im Vergleich zu anderen staatlichen Universitäten wie der Kairo University mit rund 250.000 Studenten soll hier eine kleine Anzahl ausgewählter Studierender ausgebildet werden. Ab Herbst 2011 will man auch ausländische Studenten aufnehmen.

Nach Auskunft des Rektors der Universität, Prof. Ahmed B. Khairy, soll eine Universität geschaffen werden, die nicht nur den Nahen Osten, sondern die ganze Welt repräsentiert und die ein herausragendes Modell für internationale Zusammenarbeit sei.

Quelle

→ <http://www.jsps-bonn.de/?id=1400>

Weitere Informationen

Egypt-Japan University of Science and Technology (E-JUST)

→ <http://www.ejust.edu.eg/index.php>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Ägypten

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

Fachliche Ansprechpartnerin für Ägypten im Internationalen Büro

Susanne Ruppert-Elias, Tel. 0228/3821-1487, susanne.ruppert-elias@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Hochschulen, Internationalisierung



Australien

Doors Open to Foreign Students

Australia's 39 universities are preparing for a brand new day in 2012: not only will government quotas on the number of local students they enrol be lifted, but they will also be able to recruit as many foreigners as they wish as a result of a new fast-track visa system.

The federal government decided to lift most restrictions on the issuing of student visas to overseas students applying for a university place, opening the way for a likely flood of new applications from China, India, Pakistan and other Asian countries. Universities that agree to meet certain requirements regarding the

students they admit will also have access to a new streamlined system that will speed up visa processing.

Among the changes expected to improve the attractiveness of Australian higher education is the scrapping of a rule requiring foreign students to prove they have enough money saved to allow them to study in the country for two years. From mid-2012, however, students will only need to declare they can afford to pay tuition and living costs. As well, those who graduate with at least a bachelor degree from a university will be able to stay on and work for up to four years and will not be tied to any particular occupation.

The government's imposition of tighter visa rules two years ago was a reaction to dodgy college operators using vocational education courses as a front for their clients to obtain permanent residency visas. As tens of thousands of students enrolled in cooking and hairdressing courses in the hope of staying on after completion, a debate began to rage about Australia allowing relatively unskilled migrants with poor English into the country.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20110930190746362>

Download

Strategic Review of the Student Visa Program 2011

→ http://www.immi.gov.au/students/_pdf/2011-knight-review.pdf

Strategic Review of the Student Visa Program 2011 - Recommendations

→ http://www.immi.gov.au/students/knight/_pdf/rec-list.pdf

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Australien

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

Fachlicher Ansprechpartner für Australien im Internationalen Büro

Dr. Hans-Jörg Stähle, Tel. 0228/3821-1403, hans.staehle@dlr.de

Fachlicher Ansprechpartner für Hochschulen im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Hochschulen



Brasilien

First Funding Cut in Eight Years for Brazilian Science

The Brazilian science ministry's budget has been cut for the first time in almost a decade with an 8 % decrease compared with 2010's funding high of 6.18 billion Brazilian reais (around US\$ 3.3 billion). The approved funds for 2011 total just over US\$ 3 billion, according to data presented by the executive secretary of the ministry, Luiz Antonio Elias, last month (21 September). The reduction is a consequence of general spending cuts announced by the government at the beginning of the year.

It is the first science cut since former president Luiz Inácio Lula da Silva's Workers' Party took the helm of the Brazilian government in 2003. When Dilma Rousseff was elected to replace Lula in October 2010, the general opinion was that funding for science would keep increasing.

Elias promised that, in 2012, the budget would rebound to a new high of more than US\$ 3.4 billion. But this figure includes the US\$ 793 million still under negotiation with the Ministry of Planning, Budget and Management, which will have to be confirmed by President Dilma Rousseff and her economic team. So far, only US\$ 2.6 billion has been secured for 2012.

One of the areas most affected by the cuts is social inclusion, which received substantial support during the eight years of Lula's government. The Workers' Party even set up a Secretary of Social Inclusion under the science ministry, responsible for articulating public policies that facilitate economic, social and regional development as a whole, as well as programmes aimed at popularisation of science. Its budget was more than halved, and will likely suffer further reductions in 2012.

Quelle

→ <http://www.scidev.net/en/science-and-innovation-policy/finance/news/first-funding-cut-in-eight-years-for-brazilian-science-1.html>



Weitere Informationen

Brazil publishes science plan as Rousseff replaces Lula

→ <http://www.scidev.net/en/news/brazil-publishes-science-plan-as-rousseff-replaces-lula.html>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Brasilien

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

Fachlicher Ansprechpartner für Brasilien im Internationalen Büro

Dr. Matthias Frattini, Tel. 0228/3821-1434, matthias.frattini@dr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen



China

Huge Research Grant for Branch Campus

In its bid to raise its global research profile, China has awarded research grants worth more than US\$ 19 million to the overseas branch campus of a British university. Under the scheme announced on 17 September the University of Nottingham Ningbo China will award at least 100 full PhD scholarships in the fields of energy, manufacturing and the digital economy.

The scholarships are part of an ambitious multi-million dollar science and technology project based at the university's new International Doctoral Innovation Centre in Ningbo. Nottingham Ningbo's innovation team will work with at least 50 companies on new low carbon technologies. It will also develop new business models to enable Ningbo city's manufacturing sector to become sustainable and environmentally friendly. Research students will work under the supervision of academics at both Ningbo, a coastal manufacturing city in Eastern Zhejiang province, and in Nottingham.

The move highlights the funds that China is willing to spend on research, in particular for “world class” projects that involve international collaboration, at a time when research funding is being cut elsewhere in the Western world. The availability of funding has led to overseas universities queuing up to collaborate with Chinese institutions. However, this is the first overseas branch campus to be awarded such a large grant. The University of Nottingham will also invest at least US\$ 9 million in the project.

The move is consistent with China's drive to develop scientific talent, in particular "scientists, team leaders and other talents in innovative science and technology who can achieve technological breakthroughs and boost the country's hi-tech and emerging industries", according to a 2011-15 blueprint released by the Chinese Ministry of Human Resources recently.

Quelle

→ <http://www.universityworldnews.com/article.php?story=20110917173019155>

Weitere Informationen

University of Nottingham Ningbo China

→ <http://www.nottingham.edu.cn/en/index.aspx>

Nottingham to lead new Sino-UK research venture

→ <http://www.nottingham.edu.cn/en/news/nottingham-to-lead-new-sino-uk-research-venture.aspx>

New era for Sino-foreign universities

→ <http://www.nottingham.edu.cn/en/news/new-era-for-sino-foreign-universities.aspx>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus China

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

Fachlicher Ansprechpartner für China im Internationalen Büro

Dr. Frank Stiller (Forschung), Tel. 0228/3821-1408, frank.stiller@dlr.de

Dr. Xiaomeng Shen (Bildung) Tel. 0228/3821-1419, xiaomeng.shen@ddl.de

Fachlicher Ansprechpartner für Hochschulen im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagnworte

Hochschulen, Förderung



Dänemark

New Danish Government Aim for Closer Nordic Co-Operation

Nordic co-operation has been upgraded in the policy programme presented by the new Danish government on 4 October at the opening of Parliament. There will be focus, in particular, on Arctic co-operation and international relations. The Swedish Parliament will also discuss increased international co-operation between the Nordic countries.

According to the policy plans for Helle Thorning-Schmidt's new government, Denmark will place greater focus on Nordic co-operation.

"Denmark is stronger when we choose to work with the other Nordic countries. The new government will therefore place higher priority on Nordic co-operation. This should be seen as an extension of the existing co-operation between the Nordic countries and not in competition to EU co-operation", the policy programme states.

The Danish government will enhance co-operation in the foreign, defence and emergency planning areas based on the declaration of solidarity between the Nordic countries.

Denmark is keen, in partnership with the other Nordic countries, to help shape international co-operation in the Arctic, particularly in relation to safety at sea, the environment and development of raw materials. This will be an extension of the Arctic strategy just launched by the Danish Commonwealth of the Realm - Denmark, Greenland and the Faroe Islands.

However, co-operation will also cover hot countries, as the Danish government calls for a co-ordinated democratic effort in North Africa and the Middle East, as well as joint action in Palestine. The government proposes establishing a Nordic institute for global reforms. It is envisaged that this will act as a think tank for the development of international co-operation and management of global challenges.

There are also proposals for more joint Nordic embassies - a topic which was also put forward in the Swedish Parliament on 3 October, the same day that the Danish government took office.

Finally the government will strengthen freedom of movement in the Nordic region - work which is, amongst other things, supported by the Nordic Council of Ministers' Freedom of Movement Forum.

Quelle

→ <http://www.norden.org/en/news-and-events/news/new-danish-government-aim-for-closer-nordic-co-operation>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

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

Fachlicher Ansprechpartner für Dänemark im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Internationalisierung



Morten Østergaard is appointed Minister for Science, Innovation and Higher Education

Morten Østergaard (Social Liberal Party) is the new minister for research, innovation and higher education. He takes over the Science Ministry from the incumbent minister Charlotte Sahl-Madsen (Conservative Party).

Morten Østergaard Kristensen, 35, will head the research and higher education policies for the new Social Democratic Party-Social Liberal Party-Socialist People's Party government. He is a graduate of Political Science from Aarhus University and has been a member of parliament for the Social Liberals since 2005.

The Social Democrat Christine Antorini is the new Minister for Children and Education.

New responsibilities for the ministry

The former Ministry of Science, Technology and Innovation has been renamed the Ministry of Science, Innovation and Higher Education. As a result, the ministry's fields of responsibility have been altered.

The following areas will be transferred from other ministries to the current Ministry of Science, Innovation and Higher Education:

From the Ministry of Education: The responsibility for cases concerning higher education at the professional bachelor's degree level, including higher education for adults pursuing open education. This also includes the institutions, etc that fall within this area.

From the Ministry of Economic and Business Affairs: The responsibility for cases concerning maritime education.

The former responsibility of the ministry for the administration of university buildings will be transferred to the new Ministry of Climate, Energy and Buildings.

The National IT and Telecom Agency will be closed and its responsibilities will be transferred to the following:

To the Ministry of Growth and Business Affairs: The responsibility for telecom and internet regulation, as well as the administration of frequencies.

To the Ministry of Defence: The responsibility for cases concerning the protection of critical IT infrastructure, as well as the state's notification service for internet threats, GovCert.

To the Ministry of Finance: The responsibility for IT policy, including cases concerning digital communication with businesses and the public.

To the Ministry of Economic and Interior Affairs: The responsibility for certain tasks concerning IT modernisation and digitalisation-related conditions.

Quellen

- <http://en.fivu.dk/press/2011/morten-oestergaard-is-appointed-minister-for-science-innovation-and-higher-education>
- <http://en.fivu.dk/press/2011/changes-to-the-ministrys-fields-of-responsibility>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Dänemark

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

Fachlicher Ansprechpartner für Dänemark im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen



Finland

Nordic eScience in Focus in Helsinki

On 29-30 September, some 150 representatives of the research community, authorities, trade and industry came together at the eScience conference in Helsinki to discuss the opportunities that are opening up thanks to new electronic research methods and tools. The conference presented a wide range of perspectives.

State Secretary at the Finnish Ministry of Education and Culture Tapio Kosunen opened the conference, encouraging participants to use eScience as a door opener and to translate words into action by cooperating at the Nordic level.

The Nordic countries have invested substantially in eScience and eInfrastructure, even in financially difficult times. In his remarks, Secretary General of the Nordic Council of Ministers Halldór Ásgrímsson pointed out that even though ICT users in the Nordic countries are among the world's most advanced, it is critical that we utilise our knowledge more effectively to ensure that our research

activities and investments have a greater impact, for example on innovation in the health care sector. "Nordic experience and initiatives can serve as important input for developing broader European strategies in the field of eScience," he stated.

Professor Carole Goble of the University of Manchester in the UK was the keynote speaker and inspired many participants with her talk on how eScience is influencing the way in which we conduct research. Professor Goble, who has been involved in the eScience project myGrid for a decade, presented the relationship between the research process, the social and the technical as a set of gear wheels. "We have a new generation of social people and we have a new generation of tools. The social is more important than the technical, but the technical can revolutionise the social," she said. Professor Goble, and many other speakers, touched on the dilemma involved in the need to share data while at the same time maintaining a competitive edge.

Several of the challenges facing the field of eScience are linked to security, legal regulations, personally identifiable data in the public sector, how to govern, how to build a better trust level, and how to remain in control of systems and data. "eScience, Opportunities and Challenges" and "Green ICT" were the two main themes for the 16 parallel sessions held on the first day of the conference.

Fundamental eInfrastructure

eInfrastructure was a recurring theme in many of the presentations, and the new Nordic eInfrastructure Cooperation (NeIC) is of particular relevance in this context. The Nordic Data Grid Facility is being developed into a broader cooperation organisation for eInfrastructure for data storage and computing, which has been dubbed the Nordic eInfrastructure Cooperation (NeIC). This same day in Vilnius, the NordForsk Board decided that NeIC will be hosted by NordForsk, thereby bringing together eInfrastructure and eScience within the NordForsk framework. A Nordic or European research area cannot exist without eInfrastructure, emphasised Gudmund Høst, Special Adviser at the Research Council of Norway. This sentiment was echoed by Director of ISC4.EU Frans de Brüine and several other speakers.

During discussions on green ICT it was pointed out that large-scale data centres serving the entire world, such as Google's and Facebook's centres, consume tremendous amounts of energy both for cooling and for general operations. There are major advantages to placing such energy-intensive data centres in geographic areas with colder climates, such as the Nordic countries, which can also offer locally-generated energy. Professor Lennart Johnsson of the KTH Royal Institute of Technology in Sweden addressed these data centres' current level of energy consumption and posed a rather provocative question: "Is the climate change we are experiencing today a result of the increasing use of data?"

Nordic cooperation in a class of its own

Professor Jan-Eric Litton of Karolinska Institutet in Sweden was one of several speakers who pointed out that the Nordic countries possess certain unique advantages. Professor Litton, who is also director of the Nordic biobank initiative BBMRI Nordic said, "Nordic biobanks are in a class of their own internationally, giving the Nordic countries unique opportunities for collaboration. We can take on the role of leader and trailblazer, while at the same time participating in European projects."

Quelle

→ http://www.nordforsk.org/en/news/nordisk-evitenskap-i-fokus-i-helsinki?set_language=en

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

Fachlicher Ansprechpartner für Finnland im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Kommunikation, Internationalisierung



Turning Finland into a Pioneering Country of Eco-Efficiency in Mining

The Green Mining programme launched by Tekes encourages Finnish mineral industry actors to work together. The particular aim of the programme is to focus on developing and introducing environmentally friendly technologies.

The Finnish mineral industry is a world leader in many areas. Equipment manufacturers in particular are on the leading edge of the sector globally. Developing environmental friendliness and promoting sustainable development are key goals of actors in the industry.

The aim of the Green Mining programme is to make Finland a pioneering country of eco-efficiency in the mineral industry by 2020. However, stronger SME involvement in the substantial growth of the sector will be needed. The programme will be promoted through international networking and drawing on best international practices. The scope of this cooperation is a signal of the actors' strong commitment to developing eco-efficiency.

"The Green Mining programme offers great opportunities for stronger internationalisation through both concrete cooperation projects and exchanges of scientists. This programme will further raise Finland's profile as a country of cleantech expertise", stresses Chief Technology Officer Kari Knuutila from Outotec Oyj.

Priorities of the Green Mining programme include not only technology development but also improving work and organisational practices and promoting sustainable business and employment.

Quelle

→ <http://www.tekes.fi/en/community/News/482/News/1344?name=Turning+Finland+into+a+pioneering+country+of+eco+efficiency+in+mining>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

Fachlicher Ansprechpartner für Finnland im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de



Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Umwelt, Rahmenbedingungen



Polytechnic Reform 2011-2014

The polytechnic reform recorded in the Government Programme started in September 2011. The aim is to draft a government proposal for a new Polytechnics Act, which is to take force from the beginning of 2014. According to the Government Programme, the responsibility for polytechnic funding as a whole will be transferred to the government, and polytechnics will be made independent legal persons. The licence to provide polytechnic education will be revised, with emphasis on quality and impact. Polytechnic financing will be overhauled to better support current objectives, such as speedy transfer to the labour market. The polytechnic units will be combined into sufficiently large and innovative high-standard competence environments. There will be one or more polytechnics every province.

Eight of the Finnish ERC grant winners have had, or currently have, a research post as Academy Research Fellow, and several of them are working within Finnish Centres of Excellence appointed by the Academy of Finland. The Finnish researchers who now received ERC funding represent a wide spectrum of research.

The reform is being prepared by a committee and a steering group appointed by the Minister of Education and Science, Mr Jukka Gustafsson. The steering group has a large representation of polytechnics, labour market organisations, local authorities and student organisations. The members of the preparation committee are officials of the Ministry of Education and Culture.

There are 25 polytechnics in the Ministry's sector, with 118,000 students in Bachelor's programmes and 6,500 in Master's programmes. The government funding for polytechnics will be allocated in a ratio of 70:30 on the basis of the number of students and degrees awarded.

Quelle

→ http://www.minedu.fi/OPM/Koulutus/ammattikorkeakoulutus/ammattikorkeakoulu_uu/distus/index.html?lang=en

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

Fachlicher Ansprechpartner für Finnland im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachlicher Ansprechpartner für Fachkräfte im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Berufliche Bildung, Fachkräfte



Ten Finnish Researchers Receive ERC Funding

Ten young Finnish researchers have been granted substantial funding from the European Research Council (ERC) within its call for Starting Grants. The maximum amount of funding granted for a project is 2 million euros for five years. The funding is targeted to individual researchers for setting up a research team to carry out the proposed research project. This year, Finland was more successful than in 2010, when five researchers working in Finland received ERC Starting Grant funding.

Within the 2011 call, a total of 480 projects received funding, worth 670 million euros. The call attracted applications from more than 4,000 researchers representing all scientific disciplines. Comparing the success of the Nordic countries, Finland came second after Sweden. Sweden received ERC funding to 13, Denmark to nine and Norway to four researchers.

Quelle

→ <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Releases1/Ten-Finnish-researchers-receive-ERC-funding/>



Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Finnland

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

Fachlicher Ansprechpartner für Finnland im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Förderung



Indien

Borlaug Institute South Asia to Address Food Security

Borlaug Institute for South Asia (BISA), named for the US-born agriculture scientist, will help meet rising food security challenges in developing countries by boosting research in wheat and maize.

The Indian Council of Agricultural Research (ICAR) and the International Maize and Wheat Improvement Centre (CIMMYT), Mexico, will work together to offer sophisticated crop research facilities at the new institute, spread over three locations in India. The institute has been set up in honour of the 1970 Nobel Peace Prize winner and wheat expert Norman Borlaug (1914-2009) whose work on high-yielding, dwarf varieties of wheat helped trigger India's "green revolution" in the 1960s.

Critical areas of wheat and maize research that BISA would focus on include genomics and conservation technologies such as location specific seed-fertiliser placement and supplemental irrigation systems. BISA will also look at support tools like farmer specific mobile phone advice and provide information on farming practices, market and weather databases and integrating software.

At the launch (5 October), CIMMYT and ICAR signed an agreement to set up centres under BISA in the states of Punjab in north India, Bihar in eastern India, and Madhya Pradesh in central India.

Quelle

→ <http://www.scidev.net/en/south-asia/news/borlaug-institute-south-asia-to-address-food-security-1.html>

Weitere Informationen

Indian Council of Agricultural Research (ICAR)

→ <http://www.icar.org.in/>

International Maize and Wheat Improvement Centre (CIMMYT)

→ <http://www.cimmyt.org/>

New Borlaug Institute for South Asia fosters improved farming for food security

→ <http://www.cimmyt.org/en/front-page-tems/news2011/1166-new-institute-fosters-improved-farming-for-food-security-in-south-asia>

Establishment of Borlaug Institute for South Asia (BISA) with centres at Ludhiana in Punjab, Pusa in Bihar and Jabalpur in Madhya Pradesh

→ <http://pib.nic.in/newsite/PrintRelease.aspx?relid=76358>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Indien

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

Fachlicher Ansprechpartner für Indien im Internationalen Büro

Dr. Martin Goller, Tel. 0228/3821-1407, martin.goller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Lebenswissenschaften, Rahmenbedingungen



Israel

Israel to Become Associate Member State of CERN

CERN Director General Rolf Heuer and Israeli Ambassador and Permanent Representative of Israel to the United Nations Office and other International Organizations in Geneva, H.E. Aharon Leshno-Yaar last month (16 September) signed a document admitting Israel to CERN Associate Membership, subject to ratification by the Knesset. Following ratification, Israel will become an Associate Member of CERN for a minimum period of 24 months. Following this period, CERN Council will decide on the admission of Israel to full Membership, taking into account the recommendations of a task force to be appointed for this purpose. Israel has a long-standing relationship with CERN, and has been an Observer at the CERN Council since 1991.

Israel has a strong tradition in both experimental and theoretical particle physics, with a major involvement in the OPAL experiment at CERN's flagship accelerator through the 1990s, the Large Electron Positron (LEP) collider. Israel's accession to Observer status in 1991 followed an agreement to contribute funds to the CERN budget to support Israeli scientists, as well as providing equipment to CERN. The Israeli fund also contributed to LEP running, supported LHC construction and R&D for future accelerators. During its association with CERN, Israel has also supported Palestinian students at CERN, notably sending mixed Israeli-Palestinian contingents to CERN's summer student programme.

In 2009, Israel was accepted as a special Observer State, with the right to attend restricted Council sessions for discussions of LHC matters. Israel currently has a strong involvement in the ATLAS experiment, and participates in a number of other experiments at CERN.

Quelle

→ <http://press.web.cern.ch/press/PressReleases/Releases2011/PR18.11E.html>

Weitere Informationen

CERN

→ <http://www.cern.ch/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Israel

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

Fachliche Ansprechpartnerin für Israel im Internationalen Büro

Dr. Birgit Ditgens, Tel. 0228/3821-1459, birgit.ditgens@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Rahmenbedingungen, Internationalisierung



Neuseeland

The New Zealand Fund for Global Partnerships in Livestock Emissions Research

Expressions of Interest (EOI) for the New Zealand Fund for Global Partnerships in Livestock Emissions Research (the Fund) are now being called. The Fund is aimed at accelerating global research into mitigating greenhouse gas emissions from pastoral livestock farming.

The Fund is open to international scientists, and it is hoped that multi-stakeholder/country consortia bids will be put forward. Projects can be led by New Zealand or international participants, but must include a New Zealand partner. Co-funding from international participants is also required.

CERN, the European Organization for Nuclear Research, is the world's leading laboratory for particle physics. It has its headquarters in Geneva. At present, its Member States are Austria, Belgium, Bulgaria, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Italy, the Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom. Romania is a candidate for accession. India, Israel, Japan, the Russian Federation, the United States of America, Turkey, the European Commission and UNESCO have Observer status.

Round 1 of the Fund totals NZ\$ 16 million, and supports projects up to four years in duration. The cost of individual projects is expected to be in the range of NZ\$ 1 to 4 million over the four years.

The Fund will seek proposals in response to a set of high-level research challenges that have been identified by an international strategic science panel, chaired by the Prime Minister's Chief Science Advisor Professor Sir Peter Gluckman. These challenges are in the areas of:

- Manipulating rumen function
- Reducing nitrous oxide emissions from soils in predominantly grazing livestock systems
- Manipulating the rates of soil carbon change in predominantly grazing livestock systems
- Improved tools for farmer decision making in predominantly grazing livestock systems

There is a two-stage application process beginning with a short expression of interest (EOI) which closes 7 November 2011. Successful EOI applicants are then invited to submit full proposals. Projects from Round 1 that gain approval are expected to commence in July 2012.

Quelle

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

Weitere Informationen

The New Zealand Fund for Global Partnerships in Livestock Emissions Research

→ <http://www.globalresearchalliance.org/updates/2011/the-new-zealand-fund-for-global-partnerships-in-livestock-emissions-research/>

Ministry of Agriculture and Forestry

→ <http://www.maf.govt.nz/nzlivestockemissionsfund>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Neuseeland

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

Fachlicher Ansprechpartner für Neuseeland im Internationalen Büro

Dr. Hans-Jörg Stähle, Tel. 0228/3821-1403, hans.staehle@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Lebenswissenschaften, Förderung



Niederlande

Advisory Council for Science and Technology Policy Publishes Report: Close to the Wind!

European policy has developed apace over the last decade. The Lisbon strategy launched in 2000 was replaced in 2010 by a new strategy, Europe 2020, in which the role of research and innovation is more pivotal than ever. That research and innovation strategy was developed as part of one of Europe's flagship initiatives, the Innovation Union.

With the Innovation Union strategy the European Commission aims to stimulate and accelerate innovation in Europe and simultaneously remove barriers that are preventing the best ideas from reaching the market quickly.

The formation of a new government in the Netherlands in 2010 caused a change of wind. The government opted for topsectors to boost the competitiveness of the Dutch economy, by designing a comprehensive policy agenda for the top nine sectors, which were identified as Water, Food, Horticulture, High Tech, Life Sciences, Chemistry, Energy, Logistics and the Creative Industry.

Developments in both European and Dutch policy prompted the Minister of Education and Scientific Research and the Minister of Economic Affairs, Agriculture and Innovation to ask the Dutch Advisory Council for Science and Technology Policy (AWT) to advise on "European and Dutch research and innovation policy".

Quelle

→ <http://www.awt.nl/?id=16>

Download

Close to the wind! - A European strategy for the (top)sectors in the Netherlands

→ <http://www.awt.nl/uploads/files/Adviezen/vertaling.pdf>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Niederlande

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

Fachlicher Ansprechpartner für die Niederlande im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen



Norwegen

Prioritising Education and Research

Continued low rates for day care, optional subjects at lower secondary level, continuation of student places and strengthening of basic research are main priorities for the Ministry of Education and Research in the 2012 budget.

Both ministers, Kristin Halvorsen and Tora Aasland, emphasise that their main concern has been to implement those activities that have already been initiated and those that have been foretold. In 2012, the real increase in the budget for the education and research field is a total of NOK 1.5 billion. The total budget for the Ministry of Education and Research amounts to NOK 71.9 billion.

Specific priorities:

Day Care

The allocations for day care increase by over NOK 500 million in the 2012 budget. Real reduction in parental payments are achieved by keeping the maximum price at the same level as last year (NOK 2 330 per month).

Primary and lower secondary education

The budget proposes a strengthening of primary and lower secondary education by just over NOK 150 million. The following measures are being prioritised:

- Introduction of optional subjects at lower secondary level in the 8th grade in autumn 2012.
- Post-qualifying education directed towards lower secondary level in the areas of class administration and training in arithmetic and reading.
- Continuation of the interest rate compensation scheme for renovation of and investment in school buildings and swimming facilities.
- Extension of the The Ny Giv programme in order to include more municipalities in the project. This is aimed at increasing the completion of upper secondary education and training

Research in 2012

The government continues the prioritising of research in 2012, and thus there will be an overall real growth in the allocations to research. Several areas are being specifically prioritised in the budget:

The government wishes to strengthen basic research in 2012. NOK 100 million are being earmarked for researcher-initiated research, while at the same time, universities are making similar priorities. Together, this will amount to NOK 200 million for the best project applications in which researchers wish to pursue their own ideas.

In order to secure long-term and predictable research allocations, the government proposes that the return on capital from the Fund for Research and Innovation is converted into ordinary allocations on separate budget items. This implies that the fund mechanism will not be continued and that the allocations will grow in proportion with wage and price developments.

Higher education

The government proposes to allocate NOK 1.5 billion to the higher education sector for already initiated construction projects, including equipment for such

projects. Part of these funds will be earmarked for a new technology building at the University of Tromsø.

In order to continue and extend the number of student places that were established in 2009 and 2011, the allocations are being increased by NOK 240 billion. This measure will provide around 2,600 additional student places in 2012. In the period from 2006 to 2016, the government is gradually increasing the number of new student places by 19,000.

The government proposes to allocate NOK 12 million to eCampus. This is a project that aims at expanding and upgrading the ICT infrastructure within the higher education sector. The project will start with the northern counties of Norway.

Due to an increase in credits taken by students, the allocations for universities and colleges will rise by NOK 219 million.

Quelle

→ <http://www.regjeringen.no/en/dep/kd/pressesenter/pressemeldinger/2011/utdanning-og-forskning-prioriteres.html?id=659523>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Norwegen

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

Fachlicher Ansprechpartner für Norwegen im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen



Österreich

Konferenz zu "Joint Programming": Beratung über große gesellschaftliche Herausforderungen

Auf Einladung des Wissenschafts- und Forschungsministeriums (BMWF) und der Österreichischen Forschungsförderungsgesellschaft (FFG) kamen am 28.9.2011 in Wien Entscheidungsträger der Forschungspolitik aus ganz Europa zusammen, um gemeinsam über die Bewältigung von großen wissenschaftlichen und gesellschaftlichen Herausforderungen zu beraten. Die Tagung fand unter dem Titel "JOIN IN! Joint Programming – Coordinating Research in Europe. New Opportunities for the Austrian Research Community" im Tech Gate Vienna statt.

Österreich brachte sich bei Themen wie Klimawandel, Altersforschung und demographische Entwicklung und Entwicklung des urbanen Lebens aktiv ein und will sich mit den besten Forschungseinrichtungen aus Europa vernetzen.

"Forschung leistet einen permanenten und konkreten Beitrag zu diesen wichtigen Fragen", unterstrich Wissenschafts- und Forschungsminister Dr. Karlheinz Töchterle im Vorfeld der Konferenz. "Für die Pilotphase der europaweiten Forschungsprogramme bis 2013 stellt das Wissenschaftsministerium jedes Jahr eine Million Euro zur Unterstützung der besten Forscherinnen und Forscher aus Österreich zur Verfügung", so der Bundesminister zu den zusätzlichen Mitteln für "Joint Programming".

Die Konferenz zu "Joint Programming" ist eine Premiere, bot sie doch erstmals Vertreterinnen und Vertretern aus allen Forschungsinitiativen eine Bühne. Damit bekommen die österreichischen Universitäten und Forschungseinrichtungen die Chance, sich frühzeitig über die neuen Initiativen zu informieren und ihre Teilnahme an den vorgestellten Themen zu prüfen.

Quelle

→ <http://www.ffg.at/presse/karlheinz-toechterle-forschung-ist-zukunft-und-impulsgeber>

Weitere Informationen

Bundesministerium für Wissenschaft und Forschung

→ <http://www.bmwf.gv.at/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Österreich

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

Fachliche Ansprechpartnerin für Österreich im Internationalen Büro

Dr. Ulrike Kunze, Tel. 0228/3821-1483, ulrike.kunze@dlr.de

Fachliche Ansprechpartner für EU im Internationalen Büro

Claudia Bernarding, Tel. 0228/3821-1839, claudia.bernarding@dlr.de

Dr. Olaf Heilmayer, Tel. 0228/3821-1443, olaf.heilmayer@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Rahmenbedingungen, Förderung



Fachlicher Ansprechpartner für Südkorea im Internationalen Büro

Dr. Sabine Puch, Tel. 0228/3821-1423, sabine.puch@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Lebenswissenschaften, Rahmenbedingungen



Schweden

Major Investments in Education in the Budget Bill

The Budget Bill contains major investments in education. These include a maths boost with continuing professional development for teachers, a teacher reform with career stages for good teachers, a quality drive in humanities and social sciences at higher education institutions, and more places on training programmes for doctors, dentists, nurses and civil engineers.

Below is a description of some important reforms in the area of education in this autumn's budget.

Higher status for the teaching profession and improved skills in schools

To break the downward trend in learning outcomes among Swedish pupils, it is necessary to strengthen teachers' skills and the status of the teaching profession. In the Budget Bill, SEK 3.8 billion has been allocated for the years 2012-2015 to strengthen teachers' skills and raise the status of the teaching profession.

Quality drive for higher pay for school-based teaching practice as part of teacher training

To improve the quality of teacher training programmes, remuneration for school-based teaching practice is estimated to increase by SEK 94 million. Of these funds, SEK 40 million is new for teacher training and SEK 54 million is redistributed from other parts of teacher training.

Republik Korea (Südkorea)

Südkorea will massiv in Stammzellforschung investieren

bionity.com/dpa berichten darüber, dass Südkorea im kommenden Jahr rund 100 Milliarden Won (etwa 65 Millionen Euro) in die Stammzellforschung investieren will. Darüber hinaus soll die Verwendung von Stammzellen zu kommerziellen Zwecken erleichtert und eine Stammzellenbank aufgebaut werden. Ziel sei es, die Stammzellindustrie nach dem Vorbild der IT-Industrie zu einem neuen Wachstumsmotor des Landes zu entwickeln.

Quelle

→ http://www.bionity.com/de/news/134472/suedkorea-will-massiv-in-stammzellforschung-investieren.html?WT.mc_id=ca0264/

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Südkorea

→ <http://www.kooperation-international.de/index.php?country=119&topic=0>



More teaching hours in maths

To strengthen maths as one of compulsory school's core subjects, the number of teaching hours in maths in compulsory school will be increased by 120 hours, starting in the autumn term of 2013. This means one extra hour per week for three year groups.

Reading-writing-arithmetic initiative

It is important that pupils receive individually designed support to learn the basic skills of reading, writing and arithmetic during their first years in compulsory school. The Government has therefore implemented a reading-writing-arithmetic initiative for the years 2008-2011. The government grant can be used to employ extra staff, carry out measures to improve skills and buy teaching aids. The initiative will also continue in 2012.

Major expansion of important medical training programmes

The Swedish health care sector is in great need of trained, competent staff. Several agencies are warning of serious shortages of doctors, nurses and dentists in the future - unless more staff are trained. On several previous occasions, the Government has increased the number of places on various medical training programmes to meet the needs of the labour market. The demand for staff having completed a degree in health and medical care or dental care is nevertheless expected to increase more quickly than supply, due to a rise in care needs and the age structure among those currently working in the sector.

More civil engineers to be trained

Swedish industry is in great need of well-trained engineers. Following a decline over several years in the numbers interested in engineering degrees, we are now seeing an increase in numbers of applications to civil engineering programmes. To meet this growing interest, the Government is expanding civil engineering programmes by 400 places in 2012, and has plans for an additional 200 places in 2013. The new places are being financed through the redistribution of funds.

Quality drive in humanities and social sciences

The huge increase in the number of places in higher education in the 1990s has led to a deterioration in quality. The humanities and social sciences have suffered in particular. On several occasions, the Government has carried out targeted initiatives in these areas, but as the needs remain great, a new quality drive totalling SEK 400 million is proposed for 2013. This money will go to higher compensation amounts for the humanities, social sciences, law and theology. The initiative is being financed through the Government's plan to save SEK 440 million on higher education institutions, because part of the current appropriation goes to compensation for people who have signed up for courses but who never attend any lectures.

Incentive funds for mergers of higher education institutions

Several higher education institutions risk becoming susceptible to global changes. For example, this applies to higher education institutions with a large number of third-country students, a large number of correspondent students, or a large proportion of the courses they offer concentrated on a few large programmes that have been criticised in evaluations carried out by the Swedish National Agency for Higher Education, such as teacher training and nursing programmes. One way of reducing vulnerability and increasing quality in both higher education and research is for more higher education institutions to merge. Changes in organisation should be based on higher education institutions' own assessments and be done on a voluntary basis.

Research results must be put to use

Research results from higher education institutions must benefit society, for example by being commercialised. The holding companies of higher education institutions are one important type of tool for commercialisation. The Government proposes that higher education institutions and their holding companies receive special funds to build up 'idea banks' of research results.

Technology leap

To attract pupils on upper secondary natural science programmes to enter higher education studies and ultimately a career in the area of technology, they

are to be offered work experience placements at companies involved in the technology industry.

Reinforcement of national tests

The national subject tests are an important way of supporting equivalent and fair grading. The results of a pupil's national tests are also important in helping the teacher to determine whether that pupil needs more support and assistance. For national tests to fulfill their function, they must be conducted in such a way that they follow the correct procedures and the assessment is objective. The Government therefore intends to task the National Agency for Education with development and quality-assurance of the national subject tests.

The EU Strategy for the Baltic Sea Region was adopted by the European Council in 2009 during the Swedish Presidency of the European Union. The strategy contains a range of cooperation projects, including many in the areas of clean shipping, stronger protection for biodiversity, reduced use and dissemination of hazardous substances and reduced eutrophication of the Baltic Sea. The work will contribute to implementation of the Helsinki Commission (HELCOM) Baltic Sea Action Plan.

Swedish Schools Inspectorate and National Agency for Education to receive additional resources to strengthen workplace-based learning

The National Agency for Education is to be tasked with taking measures that could help to raise the attraction of vocational education and training and to assure quality in workplace-based learning. The remit includes developing attractive supervisors' training for those people in companies who take care of vocational pupils.

More places in vocationally oriented upper secondary adult education and vocational higher education

To encourage more young people to take part in regular education, the Government is proposing a temporary increase in the number of places available in vocationally oriented upper secondary adult education and vocational higher education.



Quelle

→ <http://www.sweden.gov.se/sb/d/14054/a/176034>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Schweden

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

Fachlicher Ansprechpartner für Schweden im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Rahmenbedingungen im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Bildung, Rahmenbedingungen



Baltic Sea Environment a Winner as Agencies Implement Baltic Sea Strategy

Some thirty Swedish agencies are being commissioned to play an active part in and work together on the implementation of the EU Baltic Sea Strategy. The strategy pursues a clear objective: to speed up action to improve the Baltic Sea environment and strengthen the Baltic Sea region as a green growth region.

"The Baltic Sea Strategy has made it possible to initiate research and action projects worth hundreds of millions of kronor aimed at improving the Baltic Sea environment," says Minister for the Environment Lena Ek. "A broad network of Swedish agencies active in Baltic Sea cooperation will create good conditions for further speeding up the work."

The Swedish Environmental Protection Agency, the Swedish Agency for Marine and Water Management, the National Chemicals Inspectorate and the Swedish Meteorological and Hydrological Institute are among the agencies included and will have lead roles in several priority areas and flagship projects. The task of the agencies will include managing measures aimed at reducing the use and impact of hazardous substances at sea, developing a regional climate adaptation strat-

egy and increasing green procurement of goods and services in the Baltic Sea region.



Quelle

→ <http://www.sweden.gov.se/sb/d/14350/a/177963>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Schweden

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

Fachlicher Ansprechpartner für Schweden im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachlicher Ansprechpartner für Internationalisierung im VDI Technologiezentrum

Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de

Schlagworte

Umwelt, Internationalisierung



Slowakei

Slowakei möchte Singapur Mitteleuropas sein

Die Eröffnung des traditionellen Nationalen Tages der Slowakei auf der MSV in Brünn war Anlass zum Auswerten der Entwicklung der slowakischen Wirtschaft und der Zusammenarbeit der Tschechischen und der Slowakischen Republik in den Bereichen Handel und Investitionen.

„Für die Slowakei ist die Teilnahme an der Internationalen Maschinenbaumesse schon deshalb von außerordentlicher Bedeutung, weil die Industrieproduktion das Zugpferd der slowakischen Wirtschaft darstellt, die so wie die tschechische deutlich auf den Export orientiert ist. Deshalb ist für uns von grundlegender Bedeutung, unser Angebot der Welt zu zeigen“, stellte in Brünn der Staatssekretär des slowakischen Wirtschaftsministeriums Kristián Takáč fest und bezeichnete gerade die Brünner Maschinenbaumesse als den richtigen Ort für diese Präsentation.

Die Maschinenbauproduktion hat in der Slowakei ein traditionell starke Stellung und war im Jahr 2010 mit fast 38 % an den Gesamterlösen aus industrieller Produktion beteiligt. Genauso traditionell sind auch die Verknüpfung slowakischer und tschechischer Unternehmen in Handel und Investitionen und die Beteiligung slowakischer Hersteller an der Brünner Messe. Auf der diesjährigen MSV präsentierten sich insgesamt 72 slowakische Firmen aus verschiedenen Industriebranchen. Am offiziellen Stand des Wirtschaftsministeriums präsentierten sich zum Beispiel Hersteller von Werkzeug- und Umformmaschinen, Vakuum-Manipulatoren, Werkzeug und Ausstattung für Werkstätten oder Anbieter spezieller Werkstoffe und Halbprodukte aus Aluminium und Stahl.

Die slowakische Präsentation wurde erneut durch den Nationalen Tag der Slowakei auf der MSV ins Rampenlicht gestellt. Der slowakische Botschafter in der Tschechischen Republik Peter Brňo bezeichnete ihn als fortsetzungswürdige Tradition und zugleich als Signal, dass der Slowakei am Erweitern und Vertiefen der gegenseitigen Beziehungen sowohl im Handel als auch im Bereich Investitionen gelegen ist. „Die politische Unterstützung dieser Zusammenarbeit ist absolut“, betonte Brňo mit dem Hinweis auf die diesjährigen intensiven Kontakte von Vertretern der Regierungen beider Länder. Er erinnerte auch an die starke Verknüpfung durch gegenseitige Investitionen, deren Potenzial bei weitem nicht ausgeschöpft ist, und daran, dass angesichts der attraktiven Bedingungen für ausländische Investitionen in der Slowakei die gemeinsamen Unternehmen immer zahlreicher werden dürften. Wünschenswert ist auch eine strategische Zusammenarbeit in der Energiewirtschaft. Laut Worten der slowakischen Vertreter sollten angesichts ähnlicher Vorhaben in der Entwicklung der Kernenergie die Kräfte verbunden und die Energiewirtschaft ungeachtet allen zu erwartenden internationalen Drucks auf dem unsererseits gewählten Mix gehalten werden.

Die tschechische Seite wurde bei der Eröffnung des Nationalen Tages der Slowakei durch den stellvertretenden Industrie- und Handelsminister Milan Hovorka vertreten, der unter anderem sagte: „Die Internationale Maschinenbaumesse kann ich mir ohne die slowakische Beteiligung überhaupt nicht vorstellen, und das nicht nur mit Rückblick auf die Vergangenheit, sondern vor allem mit Hinblick auf die aktuelle Intensität der Wirtschaftsbeziehungen.“ Die Tschechische Republik ist nach Deutschland der zweitwichtigste Handelspartner der Slowakei,

und der aktuelle Handelsaustausch in einem Umfang von 14 Milliarden Euro dürfte sich laut Hovorka schon bald der Grenze von zwanzig Milliarden nähern.

Die slowakischen Vertreter betonten bei ihrer Präsentation insbesondere die steigende Qualität des Umfelds für Unternehmen. „Die Slowakei möchte für Investoren attraktiv sein. Wir wurden als mitteleuropäischer Tiger bezeichnet, und ich hoffe, dass uns das erneut gelingt“, erklärte Staatssekretär Takáč, laut dessen Worten sich die Slowakei in einer zweiten Reformphase befindet, in der vor allem eine Reduktion der administrativen Belastung der Unternehmer angestrebt wird. In diesem Zusammenhang deklarierte das slowakische Wirtschaftsministerium die Initiative „Singapur“, die u. a. das Gründen einer Firma innerhalb von zwei Tagen oder für einen Euro ermöglichen soll. Diese Maßnahmen sollen das dynamische Wachstum der slowakischen Wirtschaft, das 2011 das höchste aller EU-Länder sein wird, weiter fördern.

Quelle

→ <http://www.bvv.cz/de/msv/msv-2011/news/slowakei-will-eine-zentrale-singapur/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Slowakei

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

Fachlicher Ansprechpartner für die Slowakei im Internationalen Büro

Dr. Hans-Peter Niller, Tel. 0228/3821-1468, hans-peter.niller@dlr.de

Fachliche Ansprechpartnerin für Wirtschaft und Märkte im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Wirtschaft und Märkte



Spanien

Spain's Top Research Centres Get Cash Infusion

Eight Spanish top research institutions of excellence with an international impact were selected in the framework of the Severo Ochoa Program, sponsored by the Spanish Ministry of Science and Innovation, on 5 October. The program grants

four million euros to each center to promote frontier research and distinguish those institutions that are defining the global scientific debate.

A total of 75 candidate centers were analyzed in a rigorous accreditation process for this competitive program. Candidates in three areas were considered: Physical Sciences and Engineering; Life Sciences and Medicine; and Social Sciences and Humanities.

Benefits of the Severo Ochoa accreditation:

- Four million euros (one million euros a year for four years)
- Preferential access to the best research facilities
- Improved access to other competitive calls
- Flexibility to hire new researchers
- Increased visibility and capacity for attracting sponsors

The eight selected research centres:

- Institut de Recerca Biomèdica de Barcelona (IRB)
- Barcelona Supercomputing Center (BCN-CNS)
- Barcelona Graduate School of Economics (GSE)
- Instituto de Ciencias Matemáticas (ICMAT)
- Instituto de Ciencias Fotónicas (ICFO)
- Instituto de Astrofísica de Canarias (IAC)
- Centro Nacional de Investigaciones Oncológicas Carlos III (CNIO)
- Centro Nacional de Investigaciones Cardiovasculares (CNIC)

Quellen

→ <http://www.micinn.es/portal/site/MICINN/menuitem.edc7f2029a2be27d7010721001432ea0/?vgnextoid=45fdc5a4ff2d2310VgnVCM1000001d04140aRCRD&vgnnextchannel=4346846085f90210VgnVCM1000001034e20aRCRD>

→ http://blogs.nature.com/news/2011/10/spains_top_research_centres_ge.html

→ <http://www.barcelonagse.eu/severo-ochoa.html>

Weitere Informationen

Ministerio de Ciencia e Innovación

→ <http://www.micinn.es/>

Ausführliche Länder- und Themeninformationen bei Kooperation international

Fokus Spanien

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

Fachliche Ansprechpartnerin für Spanien im Internationalen Büro

Dr. Naima Barouk, Tel. 0228/3821-1418, naima.barouk@dlr.de

Fachliche Ansprechpartnerin für Förderung im VDI Technologiezentrum

Dr. Silke Stahl-Rolf, Tel. 0211/6214-632, stahl-rolf@vdi.de

Schlagworte

Förderung



Impressum

Herausgeber



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



Internationales Büro des BMBF
beim Deutschen Zentrum für Luft- und Raumfahrt e.V.
Heinrich-Konen-Str. 1
53227 Bonn

Beauftragt vom



Bundesministerium für Bildung und Forschung
Referat 211
53170 Bonn

Redaktion

- Dr. Silke Stahl-Rolf, Tel. 0211/6214-546, stahl-rolf@vdi.de (Themen- und Clustermonitoring)
- Jana Wolfram, Tel. 0228/3821-1113, jana.wolfram@dlr.de (Länderkoordination)
- Dr. Andreas Ratajczak, Tel. 0211/6214-494, ratajczak@vdi.de (Gesamtredaktion)

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/global/themes/international/dokumente/#subtyp5>

Abonnement kostenfrei unter:

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