



Delegation of the
European Union to Egypt



RESEARCH AND INNOVATION Cooperation between Egypt and European Union Member States



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FOREWORD

Europe has a long-standing and important presence in Egypt in the fields of Science, Technology, Research and Innovation. The European Commission and Egypt have signed a Science & Technology agreement in 2005. Egypt also has S&T Agreements with a number of EU Member States. Many varied activities, such as collaborative research projects, joint funding, mobility schemes and networking, take place within the framework of such agreements. In recent years, European and Egyptian scientists have been increasingly working together in the context of bilateral projects or multilateral research programmes.

The EU has pushed forward cooperation in science and technology through its 7th Framework Programme for Research and Technological Development. Egypt was particularly active in FP7 with a significant participation in 126 projects, involving some 163 Egyptian scientists and research teams. These covered broad areas of collaborative research such as ICT, Health, Energy and Agriculture. In December 2013, the EU launched its new, Horizon 2020 programme or H2020 (2014-2020). H2020 is the largest and most open research programme in the world with close to 80 billion euro of funding over seven years. I am confident that the foundations laid in the past through working together will spur yet further cooperation under H2020.

H2020 is a proof positive of the EU's belief in research and innovation as a means of addressing the great socio-economic challenges that we all face in the years ahead. An essential part of this is stepping up our engagement with our international partners, especially our near neighbours and to make sure that we cooperate in those areas where we can add most value, where there is a clear common interest and mutual benefit and where the potential impact is the greatest.

This publication shows how research and innovation has become an important pillar in our overall partnership with Egypt, and showcases some of the successes that we have had. I am sure it will help open doors for more collaboration between the European and Egyptian scientists, researchers, entrepreneurs and organizations.¹



A handwritten signature in black ink, which appears to read 'James Moran', with a long horizontal flourish extending to the right.

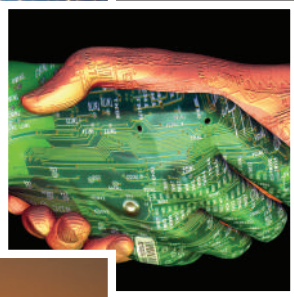
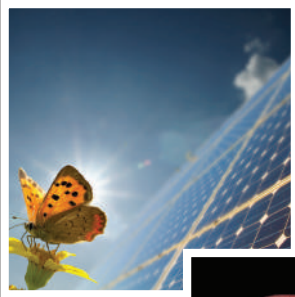
James Moran

EU Ambassador to Egypt

¹ The publication is organised according to individual countries and it covers a variety of topics, presented in the map on the following page. This report was first initiated by the Network of EU Science Counsellors based in Cairo in the spring of 2009 and updated in 2014. There is a plethora of partnerships between European and Egyptian universities, research centres and institutes. Due to the universities' autonomy, the Embassies do not have a complete overview of their activities and agreements with counterparts in Egypt. Thus, the information presented in this document is only a fraction of the cooperation between European and Egyptian researchers.

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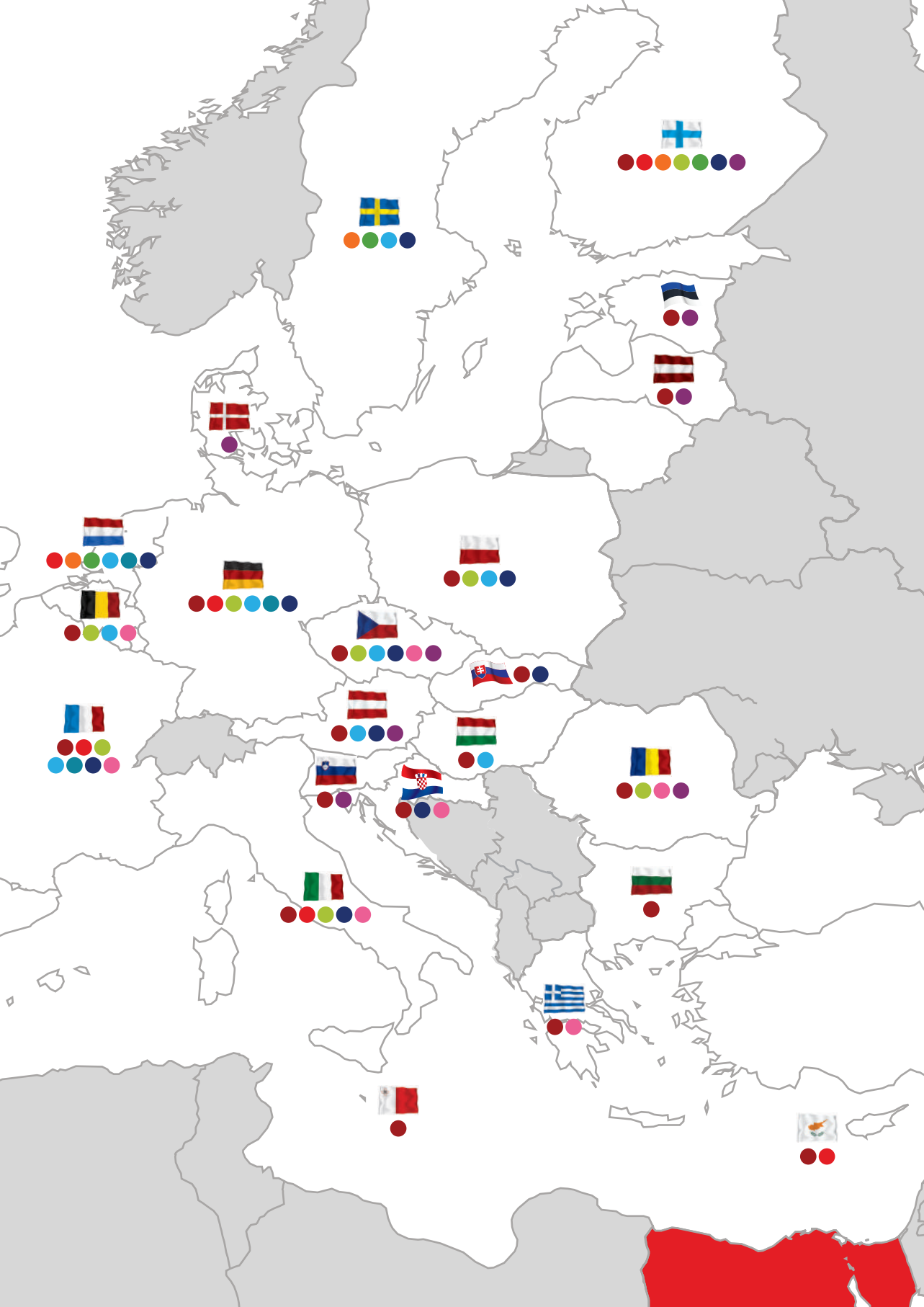
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EUROPEAN UNION¹

Science and Technology Agreements

- The European Community-Egypt Agreement for Scientific and Technological Cooperation (2005)

. enhancing the impact of Egyptian researchers' participation in EU funded programmes

. advancing Egypt's scientific and technological capacity through supporting Innovation Clusters.

www.rdi.eg.net

Bilateral Research Funds and S&T Cooperation Programmes

- Research, Development and Innovation programme (RDI):
This programme plays an important role in the implementation of EC-Egypt S&T cooperation. It is an EC funded bilateral programme for the support of S&T capacity building. The RDI Programme was launched with a grant of €11 million by the European Commission in October 2007. In continuation to its success in May 2011 a second financial agreement was signed granting Egypt further € 20 million to build on the experience accumulated during the implementation period of RDI Programme – Phase 1. The overall objective of RDI Programme - Phase 2 is to further support the Egyptian government's efforts to enhance research, development and innovation performance facilitating Egypt's move towards a knowledge-based economy by:
 - . fostering the Science and Innovation culture and environment
 - . expanding research collaboration between the R&D and business sectors

International S&T Cooperation Programmes

- Horizon 2020 : H2020 is the European Union Framework Programme for Research and Innovation. With a budget of nearly €80 billion, it will run from 2014 to 2020. Built on three pillars – Excellent Science, Industrial Leadership and Societal Challenges – it will fund all types of activities, from frontier science to close-to-market innovation. The European Commission regularly publishes calls for proposals and funding opportunities on the online H2020 "Research Participant Portal".

<http://ec.europa.eu/programmes/horizon2020/>
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

H2020 is open to the participation of researchers from across the world. As more research and innovation are performed in international partner countries, it is crucial that Europe is able to collaborate with the best researchers and research centres worldwide.

¹ This section reflects many of the programmes and activities of the European Commission promoted and implemented in Egypt by the EU Delegation in the areas of Research, Higher Education and Innovation.



For more information, please refer to the "H2020 Practical Guide" tailored for Egyptian researchers.

http://eeas.europa.eu/delegations/egypt/eu_egypt/science_technologie_innovation/overview/index_en.htm

International Programmes Supporting the Mobility of Researchers

- Marie Skłodowska-Curie actions (MSCA) - Horizon 2020 The objective of the MSCA is to support the career development and training of researchers – with a focus on innovation skills – in all scientific disciplines worldwide and cross-sector mobility. For this, the MSCA provides grants at all stages of researchers' careers, from PhD candidates to highly experienced researchers, and encourage transnational, intersectoral and interdisciplinary mobility. For the period 2007-2014, Egypt actively took part in the programme which funded 374 of its researchers and 40 organisations.
<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sklodowska-curie-actions>

- ERASMUS+: Erasmus+ is the European Union Programme for education, training and youth for the years 2014-2020. It is the result of the integration of the European programmes implemented during the period 2007-2013 (including Erasmus Mundus and Tempus). The programme is divided into three "Key Actions":
Key Action 1: Learning Mobility of Individuals
Key Action 2: Cooperation for Innovation and the Exchange of Good Practices
Key Action 3: Support for Policy Reform

Erasmus+ includes a strong international dimension notably in the fields of higher education and youth. Partner Countries, including Egypt, are eligible to take part in certain actions of the programme.

The International credit mobility of individuals and Joint Master Degrees (under Key Action 1) is promoting the mobility of learners and staff from and to Partner Countries. Capacity Building Projects in higher education (Key Action 2) support cooperation and partnerships that have an impact on the modernisation and internationalisation of higher education institutions and systems in Partner Countries.

Through cooperation with international organisations, "Key Action 3" aims to support policy reform, foster policy dialogue, promote international attractiveness of European higher education in the world and support the network of higher education reform experts in Partner Countries. Along with the key actions, Jean Monnet activities aim at stimulating teaching research and reflection in the field of European Union



EUROPEAN UNION

studies worldwide.

<http://ec.europa.eu/programmes/erasmus-plus/>

Erasmus Programme Guide:

http://ec.europa.eu/programmes/erasmus-plus/documents/erasmus-plus-programme-guide_en.pdf

AUSTRIA



Science and Technology Agreements

- The cultural and scientific relations between Austria and Egypt are regulated by the bilateral cultural agreement. In its framework, a new three year work programme was signed in 2009.
- Agreement on scientific collaboration between the Austrian Academy of Sciences and the Egyptian Academy for Scientific Research and Technology (1980).

Research Centres, Institutes, and Scientific Organizations active in Egypt

- Austrian Archeological Institute in Cairo : Supported by the Academy of Science, the Cairo branch of the Austrian Archeological Institute holds among others a license for archaeological excavation in Lower Egypt (Tell El Daba).

<http://www.oeai.at/index.php/history.html>

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Cooperation between Universities

- University of Graz and the Technical University of Graz - Heliopolis University: Memorandum of Understanding (2008) for scientific cooperation, which in turn is involved in about 30 projects in Sharkia. In addition to the already existing research projects, there are also collaborations with Styrian commercial enterprises in the fields of sustainable development, renewable energy and agriculture. The Egyptian governorate Sharkia and the Austrian Land of Styria cooperate in the fields of research, sustainable development, renewable energy and agriculture.

Other Research Initiatives and S&T Activities

- Austrian National Library - National Archives in Cairo : Memoranda on Cooperation.
- Austrian National Library - Bibliotheca Alexandrina: Memorandum of Understanding.



BELGIUM

Science and Technology Agreements

- Bilateral cultural agreement between Egypt and Belgium (1967). After the transfer of the fields of Culture and Education to the competence of the Belgian communities, the cultural agreement continued as a work programme with the Flemish (last updated in 2001) and French Community (last updated in 1991).

Bilateral Programmes Supporting the Mobility of Researchers

- Flemish Community : Based on the Executive Programme on cooperation in the fields of Education, Science and Culture, the Flemish Community offers annually on a reciprocal basis 3 scholarships of 10 months for programme - graduate university studies or research.
- French Community : Based on the Executive Programme on cooperation in the fields of Education, Science and Culture, the French Community offers annually 4 summer scholarships for perfection of the French language at the Université Libre de Bruxelles. Egypt offers 3 scholarships (total of 27 months) to students or researchers living in the French Community or the region of Brussels.

Research Centres, Institutes and Scientific Organizations Active in Egypt

- The Netherlands-Flemish Institute in Cairo (NVIC) : founded in 1971. Eight universities in the Netherlands and Flanders participate in the institute with an aim to stimulate internationalization of their teaching and research activities in archeology, Egyptology and Arabic studies in the Middle East.

Cooperation between Research Centres and Institutes

- Museum of Mariemont - Greco - Roman Museum in Alexandria : Resulting from the bilateral cultural agreement between Egypt and Belgium, a twin agreement was signed between the Greco-Roman Museum in Alexandria and the Museum of Mariemont in Belgium to enhance scientific cooperation and exchange.

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BULGARIA



Science and Technology Agreements

- Agreement on Cultural and Scientific Cooperation (1998)

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CROATIA

Science and Technology Agreements

- Agreement on Cooperation in the Fields of Culture, Education, Science and Technology (5 July 1999)

Cooperation between Universities

- Contacts between the University of Rijeka and Alexandria University

Cooperation between Research Centres and Institutes

- Memorandum of Understanding between the Bibliotheca Alexandrina and the University Library in Zagreb (2013)

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CYPRUS



Science and Technology Agreements

- Protocol of Cooperation on Research and Development (2006).

Bilateral Research Funds and S&T Cooperation Programmes

- Cyprus - Egypt Joint Research Cooperation Programme :
a joint research programme of Scientific and Technological Cooperation, financed by both the Research Promotion Foundation of Cyprus and the Academy of Scientific Research and Technology in Egypt. Research and Development organisations, Universities, public and private organisations and enterprises from both Cyprus and Egypt are entitled to participate in the Joint Research Cooperation Programme. The objectives of the Programme are the implementation of joint research and development projects, the exchange of results, scientists, researchers and technical experts and the organisation and participation in meetings, conferences, symposia and workshops. The duration of the proposed research projects should be up to 2 years. Research proposals submitted in the previous Call for Proposals had to fall into one of the following categories: a) Energy, b) Environment, c) Agriculture, d) Protection of Cultural Heritage and e) New Technologies. Each side covers the cost of international travel, accommodation and subsistence costs or allowances for its own researchers.

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Embassy_Cairo.nsf/](http://www.mfa.gov.cy/mfa/Embassies/Embassy_Cairo.nsf/)



CZECH REPUBLIC

Science and Technology Agreements

- Science and Technology is covered by the Cultural Agreement (1957).

Bilateral Programmes Supporting the Mobility of Researchers

- According to the implementing protocol of the Cultural Agreement 7 students and researchers from the Czech Republic received the scholarship/grant.

Research Centres, Institutes, and Scientific Organizations active in Egypt

- The Czech Institute of Egyptology was founded in 1958 as a successor to the Egyptological Seminar at the Faculty of Arts of the Charles University in Prague. The first fieldwork undertaken by the new Institute in the 1960s was in Nubia. The Institute started work at its most famous excavation site, Abusir, just after beginning its Nubian campaign. The future looks bright for Czech Egyptology, now celebrating over 50 years of scholarship. The recent merging of the Institute with

the National Centre for Egyptology has brought the financial and scholarly resources of the discipline together and, in the next few years, it is hoped that the programme of publications will become larger and more prestigious.

Cooperation between Universities

- Charles University Prague - Ain Shams University
- Charles University Prague - Cairo University
- Charles University Prague - El Minia University
- Technical University of Liberec - University of Mansoura
- Tomas Bata University in Zlin - Pharos University in Alexandria
- Technical University of Ostrava - The Arab Academy for Science and Technology and Maritime Transport

Cooperation between Research Centres & Institutes

- Bilateral agreement between the Academy of Sciences of the Czech Republic and the Academy of Science and Technology of the Arab Republic of Egypt.

Other Research Initiatives and S&T Activities

- Memorandum of Understanding between the College of Engineering and Technology Arab Academy for Science, Technology and Maritime Transport (AASTMT) and Conspect Corporation + Atg (Advanced Technology Group, s.r.o.) to establish, promote and market training and certifying in the field of Non-Destructive Testing.

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DENMARK



Other Research Initiatives and S&T Activities

- The Danish-Egyptian Dialogue Institute (DEDI)

is an independent institution established in Cairo in 2004 as a project under the “Danish-Arab Partnership Program” with funding from the Danish Development Agency (DANIDA). The strategic aim of the Institute is to enhance political life in Egypt and Denmark and in Europe and the Arab World and to improve mutual understanding and dialogue between communities living in these areas. DEDI has facilitated partnerships and joint research collaborations between a number of Danish and Egyptian independent researchers and academic institutions – among these: al-Ahram Centre for Political and Strategic Studies, the Social Research Centre at AUC, Danish Institute for International Studies, and Department of Anthropology at the University of Copenhagen.
www.dedi.org.eg

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ESTONIA

Science and Technology Agreements

- Agreement on Economic, Technical and Scientific Cooperation between the Government of the Republic of Estonia and the Government of the Arab Republic of Egypt (9 April 1996)
- Agreement for economic, technical and research cooperation between the Government of the Republic of Estonia and the Government of the Arab Republic of Egypt (came into force 9 February 1999)
- Memorandum of Understanding on cooperation in E-government services

Other Research Initiatives and S&T Activities

- Cultural cooperation memorandum between the Government of the Republic of Estonia and the Government of the Arab Republic of Egypt (signed 12 May 2004)

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FINLAND



Science and Technology Agreements

- Science and Technology is covered by the Cultural Agreement signed March 10, (1983).

Bilateral Research Funds and S&T Cooperation Programmes

- The Academy of Finland - Academy of Scientific Research & Technology (ASRT): TheMoU provides the basis for funding of joint research projects between Egyptian and Finnish researchers in the field of environmental research. The joint call was launched in 2007 and a three- year joint project on "Environmental exposure to aflatoxins" was funded.
- The Academy of Finland provides funding also for Finnish scientific research in Egypt. The five-year "Workmen's huts in the Theban mountains" archeological project started in 2008. The project is the biggest Nordic archeological project since the 1960s.

International Research Funds and S&T Cooperation Programmes

- Finnish Higher Education Institutions Institutional Cooperation Instrument (HEI-ICI) : A new Finnish Development Cooperation financing instrument for capacity building projects between Finnish universities and partner country universities. The objective is to strengthen

the skills and capacity of partner institutions in the developing countries. The action resembles twinning: a developing country institution cooperates with a Finnish university or polytechnic. As an example, in 2009 a preparatory phase of entrepreneurship capacity-building project between Cairo University and Helsinki School of Economics was carried out under this instrument.

<http://www.cimo.fi>

- North-South-South Higher Education Institution Network Programme, managed by the Finnish Centre for International Mobility (CIMO), opens up new opportunities for cooperation between higher education institutions in Finland and in the developing countries. The programme supports one network cooperating with Egypt: Public Health Higher Education Network, PHEN, which includes Egyptian University of Ains Shams, Misr University for Science and Technology, and Finnish University of Eastern Finland. www.northsouthsouth.fi

Bilateral Programmes Supporting the Mobility of Researchers

- Bilateral Government of Egypt scholarships for Finnish programme- graduates and researchers in Egypt. This initiative is administrated by CIMO.



FINLAND

International Programmes Supporting the Mobility of Researchers

- Finnish Centre for International Mobility (CIMO) an organisation operating under the Finnish Ministry of Education, administers among various scholarship and exchange programmes, the Finnish Government's Scholarship Pool for postgraduate studies under which framework Egyptian researchers receive scholarships.

Cooperation between Universities

- University of Helsinki - Cairo University : There is a bilateral cooperation agreement covering a student and professor exchange, as well as joint research programmes.
- Lappeenranta University of Technology (LUT) - Misr International University (MIU private): offer a double degree in the field of computer science plus joint workshops and exchange of professors and students.
- Cooperation between the Technical Research Centre of Finland (VTT) and the Egypt-Japan University for Science & technology (E-JUST)

Other Research Initiatives and S&T Activities

- The Finnish Institute in Damascus (formerly called the Finnish Institute in the Middle East) carries out research and arranges courses on Middle Eastern languages, cultures and religions.

The Institute aims to promote cooperation between universities and research centres in Finland and in the Arab countries. The Institute's area of operation covers the whole Arabic-speaking world and the surrounding areas with historical and cultural ties to it. Academic workshops, courses and seminars are the Institute's main activities. It has, for example, organised an international workshop on law and administration in the ancient Middle East in Damascus in 2008 and a postgraduate course on Middle East in the contemporary international political system in Cairo in 2009.

In 2010, the planned activities include an international seminar on conceptual histories of the world that will be held in Damascus. Most academic activities are organised in cooperation with various universities and research centres. The Institute also promotes Finnish cultural activities in the Middle East and cultural dialogue between Finland and the Arab countries. The Institute is funded by the Finnish Ministry of Education as well as private foundations, associations and individual donors.

Egypt's significance in the Institute's activities is constantly increasing.

<http://www.instituutit.fi/en/institutes/finnish-institute-in-the-middle-east/>

- Cooperation between the Agrifood Research Finland (MTT) and the Agriculture Research Centre of Egypt

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FRANCE



Science and Technology Agreements

All the scientific cooperation activities between France and Egypt are placed under the umbrella of the Cultural, Technical and Scientific Cooperation Agreement which was signed in 1968.

This framework agreement allowed the two governments to implement a number of scientific programmes, such as the fellowship programme with the Scientific and Technology Development Fund (STDF), the Imhotep partnership with the Academy of Scientific Research and Technology (ASRT), and the IRD-STDF programme.

Other agreements have been concluded directly between French and Egyptian scientific institutions (such as the Centre National de la Recherche Scientifique – CNRS – and the ASRT), or between French and Egyptian universities (such as Université Panthéon Sorbonne and Cairo University, Université Paris Diderot and Mansoura University, and Université de Poitiers and Ain Shams University).

Bilateral Research Funds and S&T Cooperation Programmes

- IMHOTEP (French Egyptian Research Programme): Imhotep is a joint research programme financed by the French Ministry of Foreign Affairs and International Development, the French Ministry of Higher Education and Research and the Academy of Scientific Research and Technology in Egypt. It aims at supporting bilateral research projects between French and Egyptian scientific teams in all disciplines (basic sciences, applied sciences, human and social sciences...).

Since its launching in 2005, more than 100 projects have been supported. The teams have to include young researchers, and the active enrolment of a PhD student in a co-thesis is highly appreciated as the programme aims at training young scientists to research by practicing research.

Projects should be co-deposited by French and Egyptian researchers and they are evaluated by a joint committee. The duration of each project is two years and each laureate team can benefit from around 25,000 Euros for its international mobility and some research expenses.

Each year, a call for applications is open from mid-February till the beginning of June. Egyptian candidates have to apply online on a Website dedicated by the ASRT (www.imhotep.eg.net) and French candidates must apply online through Campus France Website (www.campusfrance.org/fr/imhotep).

- Envi-Med :
The Envi-Med regional programme is a French cooperation initiative, financed by the French Ministry of Foreign Affairs and International Development, which is open to research teams from countries of the Mediterranean Basin. It is designed to encourage and strengthen high-level scientific and technological cooperation in the region as well as research networking on sustainable development and understanding the environmental operation of the Mediterranean Basin.
The programme aims to encourage discussions and initiate multilateral cooperation by supporting the mobility of researchers as part of joint research projects and seminars, workshops and regional scientific conferences. The call is open to all subjects in the fields of research and development linked to

FRANCE

understanding the environmental operation of the Mediterranean Basin, and more specifically: climate change, aerosols and pollution in the Mediterranean countries, water resources, anthropic impacts on ecosystems, shore management, climate and geological impacts...Each scientific team must be composed by scientists from at least three different Mediterranean countries and can benefit from up to 20,000 euros. For more information:

<http://www.mistrals-home.org>

- L'Institut de Recherche pour le Développement (IRD) – Science and Technology Development Fund (STDF) Joint Call: On January 24, 2010, the French Institut de Recherche pour le Développement (IRD) signed an important agreement for scientific and technical partnership with the Egyptian Science and Technology Development Fund (STDF). A total fund of 7.2 million euros, equally financed, was set up over four years in order to fund joint research projects presented by French-Egyptian teams. Between 2010 and 2013, the IRD and the STDF launched three joint calls for proposals, which aimed at developing, co-financing, jointly conducting and evaluating research, training and innovation research projects in scientific fields which are a priority for Egypt, such as : Environment and Water Technologies; Agriculture and Food; Health and Life Sciences; Space Technology Applications; Social Sciences and Humanities. A fourth call has been launched in October 2014.

For more information:

<http://www.egypte.ird.fr/>

<http://stdf-egypt.org/>

Bilateral Programmes Supporting the Mobility of Researchers

- French Embassy's Tahtawi Programme: Scholarships for Egyptian students registered for a master's degree in France in 2014, with this Master's degree scholarship (postgraduate programme), the French Embassy wanted to celebrate the 180th anniversary of the publication of Riffa Al-Tahtawi's The Extraction of Pure Gold in the Abridgement of Paris (1834). These memoirs recount Tahtawi's studies in Paris when he accompanied the first mission of Egyptian scholars to France. Selected candidates receive a monthly stipend for up to 9 months. In addition, Tahtawi laureates also benefit from social insurance coverage, exemption of university fees in France, and priority access to university housing. For more information: http://institutfrancais-egypte.com/2014/05/31/bourse_tahtawi/
- The French Embassy's Programme for Egyptians PhD students Every semester, the French Embassy launches a call designed for Egyptian students registered for a PhD in an Egyptian university, and who wish to accomplish a part of their research in a French university or laboratory. Selected candidates can receive a monthly stipend for a maximum duration of 3 months. In addition to the monthly stipend, the laureate also benefits from social insurance coverage, an exemption of university fees in France, and a specific access to university housing.



For PhD students in a double PhD degree (registered both in a French university and in an Egyptian university, according to a formal agreement between the two institutions), the French Embassy proposes a duration of up to 4 months, which can be renewed once every year during all the thesis (with a maximum of three years).

For more information:

http://institutfrancais-egypte.com/category/institut_francais_d_egypte/cooperation/coop_science/

- The STDF - French Embassy's Programme for Egyptian young researchers In May 2014, the STDF and the French Embassy launched their first joint call for postdoctoral fellowship in a French laboratory. Every year, 20 young Egyptian researchers will have the opportunity to benefit from a fellowship of 9 months in a French laboratory in order to complete their research.

Two calls are launched every year, one in autumn and the other in spring and the laureates will be selected by a joint French-Egyptian committee. Laureates will be given French language courses before travelling; will receive a monthly stipend, benefit from social insurance coverage, have access to a subsidized housing and will be offered their international round trip .

For more information:

<http://stdf-egypt.org/>
http://institutfrancais-egypte.com/category/institut_francais_d_egypte/cooperation/coop_science/

- The French Embassy's short visit Programme for Senior scientists Scientifically-recognized senior Egyptian researchers who wish to benefit from a short visit in a laboratory in France in order to give conferences or achieve an important part of their research can benefit from a few days visit in France.

These candidates must provide a short programme mentioning the expected outcomes of this visit and an invitation letter from the director of the French laboratory or research centre.

For more information:

http://institutfrancais-egypte.com/category/institut_francais_d_egypte/cooperation/coop_science/

Research Centres, Institutes, and Scientific Organisations active in Egypt

- Institut Français d'Archéologie Orientale (IFAO - French Institute for Oriental Archaeology) Created in 1880 with, as first director, the Egyptologist Gaston Maspero, IFAO followed the line of already existing French archaeological institutes in Athens and Rome.

A multi-disciplinary character was one of the founding features of the then École du Caire: Egyptian archaeology and philology from the time of the pyramids until the extinction of the Coptic language (18th century AD), ancient non-Egyptian East (Phoenicia, Judea, Arabia, Mesopotamia and Persia), and history of art in a more general way. Nowadays, its mission is to study civilisations which rose in Egypt since

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Prehistory till the Arabo-islamic period with archaeological, historical and linguistic approaches. Its field of research includes egyptologic, papyrologic, Coptic and Arabo-islamic studies. The IFAO manages 25 excavation missions every year, out of a total of 50 programmes. Present throughout all of Egypt's territory, the Institute is particularly active in desert zones, both west and east of the Nile valley, and it continues to promote archaeological and epigraphic endeavours.

IFAO's press publishes 30 books per year.

A large number of sources concerning the history of the Institute (personal documents, buildings, events) are held by the archives service.

<http://www.ifao.egnet.net/>

- Centre d'Etudes et de Documentation Economiques, Juridiques et Sociales (CEDEJ) Created in 1968, the centre has replaced the old French law school of 1890. It is mainly concerned with studies on contemporary Egypt and Sudan, with a focus on political sciences, geography, sociology, anthropology, statistics, etc.

CEDEJ's main office is located in Cairo, with a permanent branch in Khartoum (Sudan).

CEDEJ receives students and researchers from different nationalities and regularly organises seminars and conferences. The team work is composed of French and Egyptian researchers and employees.

Moreover, CEDEJ collaborates with main Egyptian universities and has partnerships with CAPMAS and the Bibliotheca Alexandrina.

<http://www.cedej-eg.org/> and

<http://egrev.hypotheses.org/>

- Centre Franco-Egyptien d'Etude des Temples de Karnak (CFEETK - French-Egyptian Centre for the Study of Karnak Temples)

The creation of CFEETK dates back to 1895.

Initially called the Direction of Karnak archaeological work by the Office of Antiquities, it is in charge of the study and the restoration of Karnak temples since 1967, when both the Egyptian Minister of Culture Sarwat Okacha and the French Minister of Culture André Malraux agreed on its new attributions. Since then, the

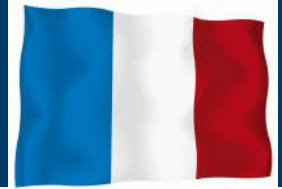
CFEETK handles research and preservation works in the precinct of Amun-Re. Its supervision is controlled by both the Egyptian Supreme Council of Egyptian Antiquities and the French National Centre for Scientific Research (CNRS).

As the Centre copes with miscellaneous approaches (from epigraphic studies to the enhancement of the site), egyptologists, archaeologists, architects, photographers, stone carvers, draughts men work together on Karnak area. The CFEETK also acts as a platform to launch international projects. The Centre publishes the Cahiers de Karnak (available on line) which recount the researches that have been done over the past few years about excavations or database reports.

<http://www.cfeetk.cnrs.fr/>

- Institut de Recherche pour le Développement (IRD – French Institute for Research for Development)

IRD is a French research organism, original and unique on the European development research scene.



- Its research, training and innovation activities are intended to contribute to the social, economic and cultural development of southern countries.

The IRD has been operating in Egypt since 1987 and collaborates with the most important Egyptian scientific and academic institutions. New momentum was given to the activities of the IRD in Egypt since 2010 with the creation of the IRD - STDF joint fund with an amount of 7.2 M€ for 4 years, equally financed, to support cooperation between French and Egyptian scientific and academic institutions on competitive basis. Thereby, an annual joint call for proposals is organised together by the IRD and the STDF. Supported projects address priority areas for the development of Egypt.

The IRD also conducts collective scientific expertises, performed on extended-reach subjects, involving the major issues in Egypt which are carried out on the request of Egyptian authorities seeking support for the policy and decision makers. Thus the IRD conducted an important expertise for the benefit of the Egyptian Court of Cassation in 2012 and is actually working on another one for the Egyptian Ministry of Scientific Research in order to explore means to strengthen the Franco-Egyptian research cooperation in the field of innovation management. Moreover, the IRD is cooperating with the Egyptian Ministry of Scientific Research in the framework of the European programme ShERACA+ in order to support the institutional dialogue and foster the collaborative activities between Egypt and the EU in the fields of research and innovation. <http://www.egypte.ird.fr/>

- Centre d'Etudes Alexandrines (CEAlex - Centre for Alexandrine Studies) Founded in 1990, the CEAlex has several missions, all in close collaboration with both the Egyptian Minister of Antiquities and the French CNRS. It aims at saving and developing Alexandria's exceptional heritage. The first mission of the CEAlex is to deal with emergencies, which are with urban salvage excavations, underwater as well as on dry land. Since 1992, the collaborators have been involved in some 30-odd interventions, unearthing Ptolemaic and Roman houses, street, chunks of the city wall, a section of the necropolis, the ruins of the Lighthouse, etc. The CEAlex is committed to studying Alexandria's history in its entirety. Each salvage excavation, beginning on the surface of the modern town, cuts through the Mohamed Ali layers, then through three centuries of Ottoman power, then the different levels of the medieval dynasties from the Mamelukes to the Ommayads, before reaching the Byzantine, Roman and finally Greek layers, where the Macedonians built their houses on the bedrock. Within these 10 to 12 vertical meters from bedrock to present-day surface, one can read 2300 years of the city's history. The results of the CEAlex research are regularly published in the collection *Études alexandrines* (32 volumes up to now) and in short movies.

www.cealex.org

- Mission Archéologique Française de Thèbes-Ouest (MAFTO - French Archaeological Mission in Western Thebes)

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The MAFTO is the most recent avatar of a research unit of the French CNRS. Over the years, it has been linked to the Louvre Museum, then to the Direction of the Museums of France and finally to the Laboratory of Molecular and Structural Archaeology of Pierre and Marie Curie University in Paris. Since the beginning of the 1970s, the team has worked in close relationship with the Centre for the Study and Documentation on Ancient Egypt (CEDAE), an organism of the Egyptian Supreme Council of Antiquities. The project of the mission mainly deals with a territory anciently described as Thebes, the southern capital of Pharaonic Egypt. After a comprehensive study and publication of the graffiti of the Theban hills, the mission explored and studied the necropolis of the Valley of the Queens for almost twenty years. Since 1989, the MAFTO surveys and restores the monuments of eternity of Ramesses II preserved in Western Thebes, as well as some of the tomb chapels of some of the incumbents of the royal foundations. The MAFTO is also at the origin of the creation of the International Centre for Theban Studies (CIET) in Luxor, including in its researches a socioeconomic and cultural development of the villages situated on the left bank. Since 1990, the MAFTO publishes the annual egyptologist and historical Bulletin which is dedicated to the Association for the Protection of Ramesseum.
<http://www.mafto.fr/>

- Agence Nationale de Recherche sur le SIDA et les hépatites virales (ANRS - French Research Agency on AIDS and Viral Hepatitis) Since 2001, the French agency ANRS has been funding research projects on hepatitis C in Egypt as part of a collaborative network involving Egyptian universities and French research institutions.
www.hepnile.org
- CIRAD, the French Agricultural Research Centre for International Development CIRAD is placed under the dual authority of the Ministries of Education, higher education and research, and of Foreign affairs and international development.
This research centre works in partnership with the whole range of southern and Mediterranean countries to generate and transfer new knowledge so as to support agricultural development in those countries, and fuel the debate on the major global issues surrounding agriculture. CIRAD works to support both people and the planet by tackling complex and ever-changing challenges: food security, natural resources management, and inequality and poverty alleviation.
In Egypt, CIRAD have signed 2 Memorandums of Understanding for scientific cooperation (2010) with the Agricultural Research Centre (ARC) and the Desert Research Centre (DRC), which in turn is involved in about 6 projects in the field of food safety and animal value chains, sustainable rural development and livelihood improvement, in partnerships with an international institution (ICARDA) and the Universities of Cairo, Ain Shams and Mansoura. CIRAD is also involved in



many consultations in the field of animal health on emergent diseases with FAO and Governmental Organisations of Veterinary services (GOVs). Since 2012, two projects have started on the milk sector development. These projects are funded by Egyptian-French scientific cooperation programmes (IMHOTEP, AIRD), French National Agency of Research (ANR), and European funds. In addition to the existing research projects, CIRAD provides supplementary grants to support Egyptian PhD Students or researchers within the existing projects.

http://mediterranee.cirad.fr/le_cirad_en_mediterranee/egypte2

Universities in Egypt

- Université Française d'Égypte (UFE) - French University in Egypt Created in 2002, the UFE comprises 3 faculties: faculty of management and information systems; faculty of applied languages (departments of international business and translation-interpretation); faculty of engineering (departments of information technology and communication, energy computer- integrated manufacturing and control, and architecture). The UFE is tightly linked to several universities in France : Université Paris Sorbonne-Nouvelle, Université Paris-Sud, Polytech Nice Sophia-Antipolis, Université de Nantes, Institut national des sciences appliquées de Strasbourg, Université de Haute-Alsace, Institut d'Études Politiques de Grenoble. The partnerships translate into both Egyptian and French diplomas. The students can accomplish their higher

education in Egypt or they can continue their post-graduate studies in the universities in France.

www.ufe.edu.eg

Cooperation between Universities

- Institut de Droit des Affaires Internationales (IDAI - Institute for International Business Law Studies) at Cairo University Following a long Egyptian tradition of French-speaking education in law, the IDAI was established in 1988 by agreement between the Université Paris Panthéon - Sorbonne and the University of Cairo, with the support of the French Embassy in Egypt. It proposes a complete French law studies programme (first year of BA to Master's degree) doubled by a full education in Egyptian law for Arabic-speaking students. After 4 years, these students obtain a first year of Master's degree in law of international business delivered by the Université Paris Panthéon-Sorbonne, as well the Egyptian Baccaloreos delivered by the University of Cairo. Students can pursue their education in the second year of Master's degree in Egypt or in France. The education relies on local staff as well as invited professors from universities in France. The students follow diversified courses in all branches of law, then specialise gradually in business, international and European law.
- Faculté d'Économie et de Science Politique, section française (FESP - Faculty of Economy and Political Science, French Section) at Cairo University

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Created in 1994, the FESP offers a trilingual formation: Arabic, French and English. The formation trains political and economic decision-makers by giving them essential tools of analysis and reflection.

It relies on a French-style methodology and on professors from French universities.

After one year of common-core syllabus and initiation into political science, economy, statistics and law, students choose from the second year a major

specialty: economics or political sciences.

Supported by the French Embassy in Egypt, the FESP offers an education of four years which results in a Baccaloreos, and since 2010 in the French Licence of Economy from the Université Paris Panthéon-Sorbonne. Agreements of exchange ensure the continuity of education to the students in the Master's degrees of the partner universities in France and Lebanon.

- Département de Gestion et de Commerce International (DGCI - Department of Management and International Trade) at Ain Shams University The DGCI is implanted since 1993 in the Faculty of business of Ain Shams University. It prepares administrators and decision-makers in all the management fields (finance, accounting, management control, audit, strategy, marketing, organisation, human resources management, management of the production), with a perfect control of three languages (Arabic, French, English). In addition to lectures and training courses, case studies and simulations are offered both by the local teaching staff and by professors from France. The DGCI proposes Egyptian and

French diplomas within the framework of the European system, Bachelor's degree, Master's degree, MBA and PhD as well as Baccaloreos Two French universities are partners of the department: Institute for business administration (IAE) of the Université de Poitiers, and the Université Paris Dauphine.

- Département Francophone d'Etudes Juridiques (DFEJ - Department of French-speaking Law Studies) at Ain Shams University The DFEJ was created in 2002 by agreement with the Université Lyon 3 Jean Moulin. It prepares trilingual students to compare law, integrate law methodology with law techniques. After 4 years, students obtain a general diploma in French law from Lyon University and the Egyptian Baccaloreos. They can integrate the second year of a Master's degree in French from Lyon University in Egypt "Public law in strategic and business sector", or integrate another second year of the Master's degree in another university in France. Education is ensured by French university professors, practitioners and Egyptian pundits. In the professional branch of the Master's degree, the students practice in national and international partner companies in Egypt.
- Unité d'Enseignement Juridique en Langues Etrangères, Section francophone (UEJLE - Unit of Law Studies in Foreign Languages - French section) at Alexandria University. The French-speaking section was created in 1999 within the Faculty of Law of Alexandria University.



This section prepares bilingual specialists in law: courses are taught in Arabic and French to prepare students for a national or an international career in several branches of law. After 4 years of study, students obtain an Egyptian bachelor (Licence) and a French diploma in French general law from the Université Grenoble 2 Pierre-Mendès-France. Students can continue their education in the first or the second year of Master's degree in Grenoble University, or they can integrate a Master's degree in French sections in Cairo. They can also pursue a Magistere's degree in the Egyptian university system.

Courses are taught by the local teaching staff and by professors from Grenoble University.

- Département des sciences et technologies du lait, Faculté d'agriculture (Department of Dairy Science and Technology, Faculty of Agriculture) at Alexandria University This department was created in 2003 to prepare managerial staff in the field of food-processing industry. Partnerships were developed with several organisations such as regions Midi-Pyrénées and Provence Alpes-Côtes d'Azur. This department trains students to become trilingual specialised engineers. Courses are taught by the local teaching staff and by professors from French universities. The department has technical means such as an industrial dairy, a cheese factory, an analysis laboratory, and a multimedia resources centre. Students have many opportunities for internships at national and international level: Egypt, France, Lebanon, Tunisia, and Morocco.

- Département Francophone de Gestion d'Alexandrie (DFGA - Francophone Department of Management) at Alexandria University The DFGA is implanted since 2008 in the Faculty of business of Alexandria University. This department trains and prepares administrators and decision-makers in all the management fields (finance, accounting, management control, audit, strategy, marketing, organisation, human resources management, management of the production), with a perfect control of three languages (Arabic, French, English). In addition to the lectures, numerous case studies and simulations along with extended training courses are added. The French-speaking teachings of the department are held by the local teaching staff and by professors from the Institute for business administration (IAE) of Poitiers in France, which is a partner of the department. The DFGA proposes Egyptian and French diplomas within the framework of the European system, Bachelor's degree and Master's degree, as well as Baccalureos.

- Filière francophone de médecine (Francophone Section of Medical Studies) at Alexandria University The francophone section of medicine of Alexandria University offers a quality education based on inter-university educational consortia in partnership with Universities of Lyon, Nice, Toulouse and Marseille. This section trains the elite of doctors having the ability to meet the development needs of Africa in the medical field and particularly in

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French-speaking countries. The Faculty counts among its teaching staff 150 French-speaking professors. It delivers the Egyptian Diploma in medicine, Masters and PhD. It ensures collaboration with the University Hospital of Alexandria for the training courses in different medical specialties. After 6 years of study, students obtain the diploma of medicine and surgery from Alexandria University. These six years are divided in two phases :

preclinical phase (from first to third year) and clinical phase (from the fourth to the sixth year). Students have the opportunity to do internships in partner's university hospitals in France.

- Filière des langues appliquées (Section of applied languages) at Alexandria University This section was created in 2009 within the faculty of arts of Alexandria University as a branch of the French department of language and literature. After two years of common-core syllabus, students choose at the third year a major specialty: translation or information-communication. This section trains in three languages French, English and Arabic) in many fields such as tourism, trade and affairs, and law. After 4 years of study, students obtain the Egyptian Baccaloroos. They can continue their studies in the Egyptian post-graduate system or in a Master's degree in France, in partnership with the faculty of applied languages of University of Lille.
- Filière francophone de gestion (French speaking Section of Management - College of Management and Technology) at the Arab Academy for Science, Technology and Maritime Transport

The French section of the School of Management and Technology offers two specialties: Marketing and International Management, and Finance and Accounting. The student can spend a semester at one of the partner schools in France such as Ecole de Management de Normandie, School of Management of Grenoble, ESC Rennes or Euromed Marseille. Students obtain their Egyptian Baccaloroos after 4 years and can continue their studies in a Master's degree in one of the partner schools. Students have the opportunity to do internships in French companies.

Cooperation between Research Centres & Institutes

- Centre National de la Recherche Scientifique (National Centre for Scientific Research - CNRS) and other research institutes. Each research institute has its own strategy for the development of international cooperation. CNRS funds different institutions: IFAO, CEDEJ (partial contribution), Centre d'Etude du Temple de Karnak, Centre d'études alexandrines. The CNRS is active to identify and support opportunities for the creation of joint structures, associated laboratories or networks; CNRS is working on a partnership agreement with the Egyptian National Research Centre (NRC) for research collaborations and exchange.
<http://www.cnrs.fr/>
<http://www.nrc.sci.eg>



- Institut Français de Recherche pour l'Exploitation de la Mer (IFREMER) - National Institute of Oceanography and Fisheries (NIOF): have developed cooperation in oceanography
http://www.ifremer.fr/anglais/?DC_ID=130
<http://www.niof.sci.eg/>
- Institut Scientifique de Recherche Agronomique (INRA) – Centre recherche agronomique pour le développement (CIRAD) :
collaboration to develop projects in soil, irrigation and agricultural research especially with Agriculture Research Centre (ARC)
<http://www.international.inra.fr/>
<http://www.cirad.fr/en>
- Agence Nationale de Recherche sur le SIDA et les Hépatites (ANRS) finances programmes with different Egyptian centres working on Hepatitis C.
<http://www.anrs.fr/>

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Science and Technology Agreements

- Cultural Agreement between the Government of the Federal Republic of Germany and the Government of the United Arab Republic (1959)
http://www2.bgbl.de/Xaver/start.xav?startbk=Bundesanzeiger_BGBl&bk=Bundesanzeiger_BGBl&start=/*%5B@attr_id=%27bgbl260s2351.pdf%27%5D
- Additional Agreement to Article V of the German-Egyptian Cultural Agreement
http://www.bgbl.de/Xaver/start.xav?startbk=Bundesanzeiger_BGBl&bk=Bundesanzeiger_BGBl&start=/*%5B@attr_id=%27bgbl284s0676.pdf%27%5D
- Agreement between the Government of the Federal Republic of Germany and the Government of the Arab Republic of Egypt on cooperation in the field of scientific research and technological development (1979)
http://www.bgbl.de/banzxaver/bgbl/start.xav?startbk=Bundesanzeiger_BGBl&bk=Bundesanzeiger_BGBl&start=/*%255B@attr_id=%2527bgbl281s0135b.pdf%2527%255D

Bilateral Research Funds and S&T Cooperation Programmes

- GERF (German Egyptian Research Fund) supports joint application-oriented projects. The fund is managed by the Egyptian Ministry for Higher Education and Scientific Research and the German Federal Ministry for Education and Research. Each side contributes up to 1,000,000 € per year. The grants are intended

to give researchers including young scientists an opportunity to address new areas of scientific research and to promote bilateral research cooperation. GERF is implemented jointly by the Science and Technology Development Fund (STDF) for Egyptian applicants and the International Bureau of the BMBF (IB) for German applicants.

<http://cairo.daad.de/en/scholarships/institutionalprogrammes/>

Research Centres, Institutes, and Scientific Organisations active in Egypt

- German Archaeological Institute / Deutsches Archäologisches Institut (DAI) :
The Cairo Department of the German Archaeological Institute was established in 1907. DAI in cooperation with the Egyptian Supreme Council of Antiquities carries out research into Egyptian history from prehistory to the early modern period. It has an important archaeological library which is open to scholars from Egypt and abroad.
<http://www.dainst.org/kairo>
- German Academic Exchange Service (DAAD) :
The German Academic Exchange Service (DAAD) is the largest funding organisation in the world supporting the international exchange of students and scholars. Since it was founded in 1925, more than 1.9 million scholars in Germany and abroad have received DAAD funding. It is a registered association and its members are German institutions of higher education and student bodies. Its activities go far beyond simply



awarding grants and scholarships. The DAAD supports the internationalisation of German universities, promotes German studies and the German language abroad, assists developing countries in establishing effective universities and advises decision makers on matters of cultural, education and development policy.

Its budget is derived mainly from the federal funding for various ministries, primarily the German Federal Foreign Office, but also from the European Union and a number of enterprises, organisations

and foreign governments. Its head office is in Bonn, but the DAAD also has an office in the German capital, Berlin, to which the famous Berlin Artists-in-Residence Programme (Berliner Künstlerprogramm) is closely affiliated. It maintains contact with and provides advice to its main partner countries on every continent via a network of regional offices and information centres. In 2013, the DAAD funded more than 112,660 German and international scholars worldwide.

The funding offers range from a year abroad for undergraduates to doctoral programmes, from internships to visiting lectureships, and from information gathering visits to assisting with the establishment of new universities abroad. Voluntary, independent selection committees decide on the funding. The selection committee members are appointed by the DAAD's Executive Committee according to certain appointment principles. The DAAD supports the international activities of German institutions of higher education through marketing services.

The great number and variety of DAAD programmes can be structured along five strategic goals:

www.daad.de

1. Scholarships for the Best
 2. Structures for Internationalisation
 3. Expertise for Academic Collaboration
- The DAAD's 200 and more programmes range from short-term exchanges for research or teaching purposes to doctoral scholarships lasting several years. Some of them are specially focused on the cooperation with Egypt

Bilateral Programmes Supporting the Mobility of Researchers

- GERLS Fund (German-Egyptian Research Long-term Scholarship Programme) aims to support doctoral candidates by providing them with the opportunity either to be enrolled in full doctoral programmes (up to 42 months), to do a part of the PhD at one of the German universities in close cooperation with his/her home university in the frame of the Channel system (up to 24 months) or to apply for a non-degree scholarship in the frame of the Specialisation system (up to 24 months). Applicants from the university/non-university staff are eligible to apply for the GERLS 7th Call for the academic year 2015/16.
<http://cairo.daad.de/en/scholarships/phd/>
- GERSS Fund (German-Egyptian Research Short-term Scholarships) enables researchers enrolled in MSc, PhD programmes and young Post-Doctoral candidates to pursue part of their master's, doctoral or post-doctoral research in a specific research project at German universities, archives, libraries or research institutes.. The scholarships may

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be awarded for a period from three to six months.

<http://cairo.daad.de/en/scholarships/graduates/>

<http://cairo.daad.de/en/scholarships/phd/>

<http://cairo.daad.de/en/scholarships/postdocs/>

- GE-SEED (German Egyptian Mobility Programme for Scientific Exchange and Excellence Development) GE-SEED aims at supporting bilateral mobility between Egyptian and German scientific teams with special emphasis on young scientists (Master and PhD students), and within the framework of a jointly submitted research project of a period up to two years. The main goal of this programme is to encourage partnerships between both sides and enhance collaboration and technology transfer.

<http://cairo.daad.de/en/scholarships/institutionalprogrammes/>

<http://www.stdf.org.eg/>

- Development-Related Postgraduate Courses DAAD supports a selection of programmes which is of particular interest to junior executives from developing countries.

http://www.daad.de/entwicklung/studierende_und_alumni/bildung_postgradual/ast/08492.en.html

- Public Policy and Good Governance This programme is designed to qualify future leaders in politics, law, economics and administration and to prepare them for their professional life.

The programme offers very good graduates with a first university degree the chance to obtain a Master degree in subjects that are of special relevance for the social, political and economic development of their country.

<https://www.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-databas-e/?status=3&origin>

[=2&subjectGrps=&daad=1&q=&page=2&detail=10000039](https://www.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-databas-e/?status=3&origin=2&subjectGrps=&daad=1&q=&page=2&detail=10000039)

- Bilateral Exchange of Academics / Wissenschaftler austausch-Programme In order to explore new avenues of scientific cooperation and establish joint scientific research projects, the bilateral exchange of Academic programme is primarily intended to support the implementation of mutual teaching and research projects between German and Egyptian Scientists.

<http://cairo.daad.de/en/scholarships/postdocs/>

- Re-invitation Programme for Former Scholarship Holders The re-invitation programme helps the DAAD to maintain contacts with its former scholarship holders who have studied in Germany for at least one year. DAAD Alumni can apply for a re-invitation to Germany with the purpose of completing a research or work project at university.

<http://cairo.daad.de/en/scholarships/postdocs/>

- Transformation Partnership Programme Line 1 "German-Arab University Partnerships": supporting German-Arab long term university partnerships.



o Programme Line 2 “German-Arab Short Term measures”: for supporting short and medium term cooperation measures such as workshops, summer schools, conferences, colloquia etc. between German and Arab partner universities.

o Programme Line 3 “Joint Master Programms”: promoting the development and implementation of two sustainable German-Egyptian master degree programmes in the field of:
- Cultural Heritage Management
- Social and Legal Sciences

o Programme Line 4 “German –Arab research Partnerships- Al Tawasul”:
supporting joint research projects between researchers from Germany and Arab Partner countries (DAAD alumni)

- The DAAD Kairo Akademie established in 2011, is an interdisciplinary training academy, offering a cluster of modules to different groups such as prospective applicants for scholarship programmes, postdocs, alumni, scholarship holders as well as for academics in general.
Module topics range from traditional areas like "Proposal Writing", "International Networking", "How to present Scientific Data", to soft skills like "Effective Time Management" or "Teambuilding". During the one day modules, groups of about 25 participants receive intensive training in the selected subject. DAAD intends to address the need for further education to help strengthen Egyptian students and researchers in international competition by offering opportunities for further training rarely found

in universities and research institutions. Modules take place in the DAAD Cairo office in Zamalek, or directly in universities and research institutions; participation is free of charge.

<http://cairo.daad.de/en/academy/aboutus/>

Universities in Egypt

- German University in Cairo The German University in Cairo, GUC, is a private university founded according to the presidential decree no. 27/ 2002 and inaugurated since 2003 under the patronage of, and in cooperation with, the State Universities of Ulm and Stuttgart, the Ministry of Science, Research & the Arts of Baden-Württemberg, the Ministry of Higher Education in Egypt, the Universities of Mannheim & Tübingen, the Federal Ministry of Education & Research in Germany, the DAAD (German Academic Exchange Service), the German Embassy in Cairo, the German Arab Chamber of Industry & Commerce, CIM (Centrum for International Migration), the DFG (German Research Foundation) and the Academy of Visual Arts, Leipzig.

The GUC offers Bachelor of Science (B.Sc.), Master of Science (M.Sc.) and Doctor of Philosophy (PhD) degrees in 71 study programmes (31 undergraduate and 40 postgraduate) in the fields of Engineering (Information Engineering & Technology, Media Engineering & Technology, Engineering & Materials Science, Civil Engineering and Architecture Engineering), Pharmacy and Biotechnology, Management Technology (Business Informatics,

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Technology based Management and General Management) and Applied Sciences and Arts (Design programmes in Product Design, Graphics and Multimedia).

All courses offered at the GUC in the fields of Technology, Business and Design are all based on state-of-the-art curricula developed in collaboration with the German State Universities of Ulm, Stuttgart, Tübingen, Mannheim and others; and are accredited by German Accreditation Institutions.
<http://www.guc.edu.eg>

- Technische Universität Berlin - El Gouna Campus
The Campus El Gouna is a satellite campus of Technische Universität Berlin in Egypt. It is located in the town of El Gouna at the Red Sea, close to Hurghada, and opened its doors in 2012. The campus provides a fully equipped environment for studying, research and development as well as for cultural and scientific events. TU Berlin offers three 2-year Master programmes at the campus, namely Energy Engineering, Water Engineering and Urban Development. The courses which are carried out by academic staff of TU Berlin deal with the most urging societal topics of today and tomorrow in Egypt and the MENA region.
Graduates receive a Master Degree of TU Berlin at the end of their studies.
<http://www.campus-elgouna.tu-berlin.de/>
<https://www.facebook.com/CampusElGouna>

Cooperation between Universities

- Bi-cultural Master Programmes
https://www.daad.de/entwicklung/hochschulen/zusammenarbeit/bikulturelle_studien_gaenge/08077.en.html
- Cairo University – Kassel University :
The joint Master programme Renewable Energy and Energy Efficiency (REMENA) attracts Arab and German students and teaches them to become specialists in the field of renewable energies. It fosters the further development of the MENA-region on an international level.
www.uni-kassel.de/remena
- Ludwigsburg University of Education - Helwan University: International Education Management (INEMA) is a blended-learning master program. The purpose is to develop and to provide managerial skills as well as competencies for cross-cultural challenges in education management.
www.inema-master.com
- Stuttgart University - Ain Shams University Cairo: Integrated Urbanism and Sustainable Design (IUSD) is a master that enables students to combine principles of ecology-oriented science and engineering with a social approach to the design of urban landscapes and buildings.
www.iusd.uni-stuttgart.de
- Philipps-University Marburg - Lebanese American University Beirut : Economics of the Middle East (EMEA) is a unique master's programme designed for students who want to acquire a solid foundation in economic



analysis particularly in the MENA region. Therefore, EMEA offers you a unique combination of economics and economic topics specifically relating to the Middle East.

www.uni-marburg.de/emea

- Cologne University of Applied Sciences - University of Jordan in Amman: Integrated Water Resources Management (IWRM) offers solutions to the water crisis in linking water to other vital resources and viewing the whole water cycle together with human interventions as the basis for sustainable water management.
www.iwrm-master.info
- Helwan University and BTU Cottbus -“Heritage Conservation and Site Management HCSM”: the programme is focused on transferring knowledge and methodologies necessary for the administration and management of archaeological sites. It is funded within the Transformation Partnership scheme.
- American University In Cairo (AUC) and Tübingen University “Comparative & Middle East Politics and Society CMEPS”: the programme combines political science contents from the field of comparative politics and transformation research with a specialisation on the Middle East region. It is funded within the Transformation Partnership scheme.
- Ain Shams University - University of Leipzig: This international Joint Master Programme German as a Foreign Language targets Bachelor graduates in the field of German Studies who are looking for a challenging master programme that focuses on

becoming a German teacher at Schools and Universities in Egypt. This master programme provides excellent education in didactics and methodology of cultural studies, linguistics and literature.

- German Science Centre (Deutsches Under the umbrella of the DAAD the DWZ was inaugurated in 2012. By providing a platform for German-Egyptian exchange in the fields of Science, Technology and Research it deepens the already excellent cooperation and partnership between the two countries. The DWZ contributes to the synergy of scientists in Germany and Egypt, bringing together experts from academic institutions, researchers and representatives of industry and government. Especially young scientists are promoted and supported through information, exhibitions, scientific events and networking opportunities. Together with its partners the DWZ is the “one-stop shop” for information about the German research landscape and potential funding sources. Moreover, it offers individual consulting on potential cooperation opportunities between research institutions and companies. Among its partner organisations are:
 - Alexander von Humboldt Foundation A non-profit organisation established in 1953 to promote international research cooperation. The organisation enables highly qualified scholars of all nationalities to spend extended periods of time in Germany to work on research projects.

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Alexander von Humboldt Foundation promotes academic cooperation between excellent scientists and scholars from abroad and from Germany. Its research fellowships and research awards allow scientists and scholars from all over the world to come to Germany to work on a research question they have chosen themselves together with a host and collaborative partner. The Foundation's network embraces well over 26,000 Humboldtians from all disciplines in more than 140 countries worldwide - including 50 Nobel Prize winners. The honorary Ambassador Scientist in Cairo At the German Science Centre Cairo the Humboldt Foundation is represented by an honorary Ambassador Scientist who informs universities and research institutions in the country about the Foundation's sponsorship programmes and its international network as well as about Germany as a location for research. The Ambassador Scientist is also the person to be contacted by Humboldt alumni and Humboldt associations as well as by academics who want to discover more about the sponsorship opportunities offered by the Humboldt Foundation.

For further information : www.humboldt-foundation.de

- Fraunhofer Gesellschaft
Fraunhofer is Europe's largest application-oriented research organisation. At present, it maintains more than 80 research units in Germany, including 60 Fraunhofer Institutes. The majority of the more than 20,000 staff are qualified scientists and engineers. Research of direct practical use lies at the heart of all activities pursued by Fraunhofer. The organisation undertakes applied research that drives economic development and serves

the wider benefit of society. Its services are provided to industry, the service sector and public administration. Its commercial customers include companies of all sizes and from all industrial sectors – from small and medium-sized companies to global enterprises.

Fraunhofer Senior Advisor Egypt In 2008, Fraunhofer started expanding its international network through its Fraunhofer Senior Advisor Egypt. The Fraunhofer Senior Advisor Egypt is based at the DWZ in Cairo and helps to form bridges between Fraunhofer and local companies, research organisations, universities and governmental authorities.

For further information: www.fraunhofer.de

- Technische Universität Berlin
With almost 31000 students, circa 100 course offerings and 40 Institutes, the historic Technische Universität Berlin is one of Germany's largest and most internationally renowned technical universities. Located in Germany's capital city – at the heart of Europe – outstanding achievements in research and teaching, imparting skills to excellent graduates, and a modern service-oriented administration characterize TU Berlin. The range of services offered by our seven Faculties serves to forge a unique link between the natural and technical sciences on the one hand, and the planning, economics and social sciences and humanities on the other. In our role as a leading research university, we also promote cooperation between science and industry, as amply demonstrated by the high volume of external funding we receive.

TU Berlin's Cairo office aims to promote our expanding activities in the field of sustainable development in the MENA region, especially the new Satellite Campus in El Gouna on the



Red Sea in Egypt. Campus El Gouna is a public-private partnership (PPP) project which is unique in the field of education export. It was financed by TU Berlin alumnus Samih Sawiris and opened its doors in October 2012. (See below: Universities in Egypt)

- Technische Universität München (TUM)
Technische Universität München (TUM) is one of Europe's leading research universities, with around 500 professors, 10,000 academic and non-academic staff, and 38,000 students. Its focus areas are the engineering sciences, natural sciences, life sciences and medicine, reinforced by schools of management and education. TUM acts as an entrepreneurial university that promotes talents and creates value for society. In that it profits from having strong partners in science and industry. It is represented worldwide with a campus in Singapore as well as offices in Beijing, Brussels, Cairo, Mumbai, and São Paulo. Nobel Prize winners and inventors such as Rudolf Diesel and Carl von Linde have done research at TUM. In 2006 and 2012 it won recognition as a German "Excellence University." In international rankings, TUM regularly places among the best universities in Germany.
www.tum.de

With the opening of its "TUM.Cairo" office, the Technische Universität München (TUM) has expanded its worldwide network to the Middle East and North Africa. The TUM.Cairo office is a hub for networking and mutual knowledge transfer between one of Europe's top universities and its partners in the region. It is collocated with other leading institutions at the German Science Centre (DWZ) in Cairo, Egypt.

Contact: TUM.Cairo Office
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www.international.tum.de

- Philipps Universität Marburg Close involvement with recognized research groups, a student body that graduates faster than average, and exemplary support of young scholars and researchers - that's what characterizes the Philipps-University Marburg, a university with around 26,000 students, top-ranked in various disciplines.

The charming surroundings and the medieval flair of the historic city centre draw international researchers and students alike from around the world.

Philipps-University Marburg has a local representative for the activities of the CNMS (Centre of Near and Middle East Studies) since 2009 and established full consultation activities for Egyptian graduates and researchers as well as cooperation and exchange activities with the university as a whole since 2013.

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- Freie Universität Berlin
The Cairo Office of Freie Universität Berlin has been established in 2010. It aims to increase student exchange and academic cooperation between Freie Universität Berlin and universities and research centres in Egypt and the Middle East.

In Berlin the university offers the broadest spectrum of research in humanities and social sciences in Germany with a unique focus on area studies. In natural sciences, major focus is placed on physics, mathematics, and computer science, as well as the life sciences and earth sciences.

In Egypt major fields of cooperation include research on Climate Change, research in Veterinary Medicine and cooperation in teaching and research in Arabic Studies, Political Sciences and Journalism Studies. The university also



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actively participates in projects on technology transfer, gender equality and the internationalisation of higher education in Egypt.

At the German Science Centre the Office organises lecture series and workshops in order to connect researchers in all fields. It informs students and scholars from the region about study and research opportunities at Freie Universität Berlin and explores possibilities of funding from German and European institutions.

For further information: www.fu-berlin.de/cairo

- Zentralstelle für das Auslandsschulwesen With about 90 employees and 50 consultants, Zentralstelle für das Auslandsschulwesen (ZfA) supervises school-related work abroad.

Worldwide about 1000 schools are being supported financially and staff-wise. These include over 140, mostly private, German schools abroad.

ZfA Cairo Office

The landscape of German Schools in Egypt has changed drastically during the last few years. Previously, three traditional German schools abroad and the Abitur shaped the picture. Now about a dozen German schools abroad as well as language certificate schools offer a variety of diplomas, which allow for University studies in Germany.

With this in mind, the ZfA office in Cairo opened in 2008. Local experts support the establishment and development of schools in Egypt and the surrounding areas. They focus

on different aspects of school work abroad: expert consultation for Germans, school coordination for schools under development as well as facilitation for pedagogical quality management for established schools offer professional support within the transformation processes in Egypt.

For further information:

www.auslandsschulwesen.de

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studies, and deal with questions related to history, literature, geography and the social sciences. The institute also supports projects in the fields of religious studies, history of art and social anthropology.

The OIB publishes three series, Bibliotheca Islamica (BI), Beirut Texts and Studies (BTS), and Orient-Institut Studies (OIS). BI is dedicated to the critical edition of mostly Arabic manuscripts, while BTS and the online series OIS are dedicated to the study of the history, society, politics and literature of the region.

More about the OIB on www.orientinstitut.org

Orient-Institut Beirut (OIB)

The Orient-Institut Beirut (OIB) is an academic research institute focusing on the Arab region and the wider Middle East. The OIB was established in Lebanon on the initiative of the German Oriental Society in 1961, and has been part of the Max Weber Foundation – German Humanities Institutes Abroad since 2003. It is funded by the German Federal Ministry of Education and Research. Since 2009, the OIB also has an office in Cairo.

The OIB conducts and supports research in humanities and social sciences. The systematic study of primary sources and cooperation with regional actors and

institutions provides a common conceptual framework. Research projects at the OIB are currently located in and between the academic disciplines of Arabic and Islamic studies, history, political science and media

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GREECE



Science and Technology Agreements

- Agreement of Scientific and Technological Cooperation (2004).

Cooperation between Research Centres and Institutes

- Mediterranean Agronomic Institute of Chania (Greece) - National Authority for Remote Sensing and Space Sciences (Egypt); and Arid Lands Agricultural Services and Research Centre - Ain Shams University (Egypt) : Memorandum of Understanding on Scientific Cooperation in the fields of using remote sensing and space technologies for crop monitoring and management in the Mediterranean area, between the Mediterranean Agronomic Institute of Chania (MAICh), and the National Authority for Remote Sensing and Space Sciences (NARSS), and the Arid Lands Agricultural Services and Research Centre (ALARC) Ain Shams University of Egypt (2006).

<http://www.maich.gr>

<http://www.narss.sci.eg>

<http://www.shams.edu.eg>

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HUNGARY

Science and Technology Agreements

- Bilateral inter-governmental Agreement on Scientific and Technological Cooperation (1996).
- Framework-agreement on S&T has been signed on 3 November 2008, between the Hungarian National Office for Research and Technology (NKTH) and the Egyptian Ministry of State for Scientific Research for the years of 2009-2011.
<http://www.egy-mhe.gov.eg>

Research Centres, Institutes, and Scientific Organizations Active in Egypt

- The Office of the Hungarian Cultural Counsellor in Cairo fulfils mainly cultural diplomatic tasks, i.e takes part in the implementation of the Hungarian Egyptian cultural working programme, the bilateral Scientific and Technological Agreement, the agreement between the two Science Academies and the direct agreements between several universities. The cultural mission frequently organises scientific conferences and lectures in Cooperation with Egyptian universities and scientific research institutes. It also helps the scientific research work of those Hungarian scholarship - holders, who travel to Egypt in the frameworks of bilateral agreements.
<http://www.kairo.balassiintezet.hu/en/>

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ITALY



Science and Technology Agreements

- Scientific and Technical cooperation Agreement between the Government of the Italian Republic and the Government of the Arab Republic of Egypt (1975).

Bilateral Research Funds and S&T Cooperation Programmes

- Executive Programme of Scientific and Technological Cooperation between Italy and Egypt for the years 2013-2015: In the framework of the Scientific and Technological cooperation between Italy and Egypt, a joint committee decided in 2012 to launch an executive programme to enhance the cooperation of both countries in the fields of Science and Technology. Italian and Egyptian researchers have presented joint research projects in several scientific and technological areas such as, Agriculture and Food Science and Technology; Design Engineering and Technology; Electronics, Information Communication Technology; Energy and Environment, Health, Biotechnology and Medicine; Nanotechnology and Medicine; Nanotechnology and Advanced Materials; Space and Physics; Geology and Geophysics; Technologies applied to Cultural and Natural Heritage and Transport Systems including Automotive technologies. Nine projects have been selected for the award of financial support for the exchange of researchers. For each project, 1 short-term stay (up to 10 days) and 1 long-term stay

(30 days) in Italy and 1 short-term stay (up to 10 days) and 1 long-term stay in Egypt may be financed yearly. In addition, financial support may be granted to eight joint projects of high relevance in the fields of Health, Biotechnology and Medicine; Nanotechnology and Advanced Materials; Agriculture Food Science and Technology; Electronics, Information Communication Technology; Geology and Physics; Technologies applied to Cultural and Natural Heritage; and Energy and Environment.

Bilateral Programmes Supporting the Mobility of Researchers

- Italy: Please see “Executive Programme of Scientific and Technological Cooperation between Italy and Egypt for the years 2013-2015” in the section Research Funds and S&T Cooperation Programmes

Cooperation between Universities

- Italy-Egypt Cultural and Scientific Inter-University Cooperation: In the framework of Inter-University Cooperation, Italian and Egyptian Universities established joint network in order to strengthen the intercultural dialogue among Peoples and to promote the cultural, scientific and academic cooperation among Universities. This programme is articulated in the following initiatives:

ITALY

- Italian Universities and Egyptian, Spanish, Algerian and other Universities of Mediterranean Region: Memorandum of Understanding was signed in order to implement an International inter-University network, to promote international mobility of faculty members, researchers and PhD and cultural, scientific and teaching cooperation. Agreement was signed in November 2009.
- University of Palermo - Helwan University: Cultural Cooperation Framework Agreement to promote cooperation in common research projects, cooperation in the study programmes and the joint participation in programmes and projects promoted by the European Commission or by other national and international bodies or foundations. Agreement was signed in October 2009.
<http://www.unipa.it>
<http://www.helwan.edu.eg>
- “Amedeo Avogadro” Eastern Piedmont University and Ain Shams University : Memorandum of Understanding was signed in December 2009 to establish and maintain scientific research and teaching relationships and free access to the research facilities.
<http://www.unipmn.it/>
<http://www.asu.edu.eg/>
- University of Palermo - Helwan University: Cultural Cooperation Framework Agreement to promote cooperation in common research projects, cooperation in the study programmes and the joint participation in programmes and projects promoted by the European Commission or by other national and international bodies or foundations. Agreement was signed in October 2009.
<http://www.unipa.it>
<http://www.helwan.edu.eg>
- Kore University of Enna - Future University in Egypt: Cultural Cooperation Framework Agreement to promote cooperation in common research projects, cooperation in the study programmes and the joint participation in programmes and projects promoted by the European Commission or by other national and international bodies or foundations.
Agreement was signed in October 2009.
<http://www.unikore.it/>
<http://www.futureuniversity.edu.eg/>
- Kore University of Enna - Future University in Cairo: Agreement for the Joint Degree to create and develop a system of academic exchange for the students of Faculty of Engineering and Architecture.
Agreement was signed on 25th October 2009.
<http://www.unikore.it/>
<http://www.futureuniversity.edu.eg/>
- University of Perugia - Supreme Council of Egyptian Universities : Memorandum of Understanding on Cultural and Scientific Cooperation was signed in June 2009 to the strengthening of the teaching of Italian Language and Culture in Egypt.
<http://www.unistrapg.it>
<http://www.scu.eun.eg/wps/portal>



Cooperation between Research Centres & Institutes

- The Italian Agency for New Technologies, Energy and the Environment (ENEA) – Academy of Scientific Research and Technology (ASRT): a Bilateral Agreement between ENEA (Italy) and ASRT (Egypt) for a joint initiative on “Concentrating Solar Power Technologies. The excellent conditions of the Southern Mediterranean Countries represent an important potential for the development of the solar energy applications, and a strategic cooperation between Italy and Egypt is an important benefit for both. This Agreement promotes relevant innovation in the current Concentrating Solar Power (CSP) technologies in order to improve performance and reduce the cost of solar systems. The objectives of this Agreement are to strengthen and expand energy research capabilities of both countries, develop links and sustained partnerships with industry to strengthen the interplay between research outcomes and innovation and create an industrial network for the development of innovative projects using solar energy and develop training activities.
<http://www.enea.it/com/ingl/default.htm>
<http://www.asrt.sci.eg>

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LATVIA

Science and Technology Agreements

- Science and Technology Agreement (2009).

Other Research Initiatives and S&T Activities

- Latvian Scientific Mission in Egypt, headed by Dr. Arch.Bruno Deslandes, has a history of cooperation with the Supreme Council of Antiquities in the field of Heritage documentation and preservation.

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MALTA



Science and Technology Agreements

- Cooperation between Malta and Egypt in science and technology has been ongoing since 1975, when the two countries signed a Cultural, Technical and Scientific Cooperation Agreement which remains in force. Since then, a number of scientific and technological research initiatives were jointly undertaken between faculties, institutes and research centres of the University of Malta, Malta's national university, and several Egyptian universities and research/education entities. The Maltese authorities are hopeful that bilateral cooperation on these issues, including joint projects and collaboration through external funding, will continue to develop in the coming years. In recent years, Egyptian and Maltese public and private stakeholders have cooperated as consortia members on a number of FP7 projects. These projects encompassed fields such as aquaculture, water resource management and the production of biodiesel from algae.

Apart from cooperation on these specific projects Malta is also an active participant in efforts to enhance scientific cooperation within the Mediterranean region, and in this context, Maltese entities work in close collaboration with their Egyptian counterparts. Malta and Egypt, for instance, jointly participate in policy fora such as the Mediterranean group of senior officials (MED GSO) and Med-Spring, the Mediterranean Science, Policy, Research & Innovation Gateway. Furthermore, the Malta Council for Science and Technology (MCST) is currently actively promoting participation of Maltese researchers in two programmes, ARIMNET II and ERANET-Med, both of which will be funding research between EU Member States and the Mediterranean partner countries, including Egypt.

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NETHERLANDS

Bilateral Research Funds and S&T Cooperation Programmes

- Policy Support Research Programme from the Ministry of LNV (Agriculture, Nature & Food Quality) aims at assisting the Egyptian Government in policy development through applied research, capacity building or knowledge transfer in the areas of food security and safety, ecology and food quality. At present, projects are running on durable fish farming, beneficial use of rice straw, triple-P approach in horticulture.

International Research Funds and S&T Cooperation Programmes

- Netherlands Initiative for Capacity development in Higher Education (NICHE) is administered by Netherlands Universities Foundation for International Cooperation (NUFFIC). NICHE aims to strengthen institutional capacity in countries like Egypt for providing post-secondary education and training. Support is provided in the higher education sector in general and in sectors supported by the Netherlands bilateral cooperation, such as water management, agriculture, and empowerment of women.

International Programmes Supporting the Mobility of Researchers

- The Netherlands Fellowship Programmes (NFP) are demand oriented fellowships designed to foster institutional development. The NFP is initiated and fully funded by the Ministry of Foreign Affairs/ DGIS from the budget of development cooperation. Fellowships are meant for short courses, Masters Degree, PhD studies. The programme is administered by the Netherlands Universities Foundation for International Cooperation (NUFFIC). The overall aim of NFP is to help alleviate qualitative and quantitative shortages of skilled manpower. To maximize the fellowships' impact on capacity building, NFP-funded training must be linked to the institutional development of organisations. NUFFIC also funds Inter-University Cooperation. Dutch institutions eligible for supervising PhD research are, amongst others: Delft University of Technology; Eindhoven University of Technology; Erasmus University; Institute for Housing and Urban Development Studies (IHS), Institute of Social Studies (ISS); International Institute for Geo-information Science and Earth Observation (ITC); Maastricht School of Management; Wageningen University and Research Centre.
<http://www.nuffic.nl>



Research Centres, institutes and Scientific Organisations active in Egypt

- The Netherlands-Flemish Institute in Cairo (NVIC) was founded in 1971. Eight universities in the Netherlands and Flanders participate in the institute, with the aim to stimulate internationalisation of their teaching and research activities in the Middle East. These activities mainly relate to the fields of Arabic & Islamic studies, Egyptology, Archaeology and Papyrology, although the institute represents the universities in other disciplines as well, and on a more general level.

Universities in Egypt

- Netherlands University in Alexandria (NLUA) is a new private university project under study. Subsequent development could be Knowledge Park.

Cooperation between Universities

- Maastricht School of Management - the Egyptian Regional IT Institute (RITI) has longstanding strategic partnership on Business Administration and Philosophy.
- CAH Dronen - Cairo University: A Memorandum of Understanding exists between the two universities aimed at a Bachelor of Science degree in "Life Sciences"

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POLAND

Science and Technology Agreements

- Cultural and Scientific activities Agreement (2002).

Bilateral Programmes Supporting the Mobility of Researchers

- Poland: According to the above agreement, the Polish Party shall annually grant to the Egyptian Party 120 months of research internships in various fields of science. However, the Egyptian Party shall annually grant to the Polish Party 40 months of scientific research internships and 80 months for the Polish Centre of Mediterranean Archaeology (The University of Warsaw).
<http://www.zaspan.waw.pl>

Research Centres, Institutes, and Scientific Organizations active in Egypt

- Polish Centre of Mediterranean Archaeology (The University of Warsaw): The Polish Centre of Mediterranean Archaeology, was established in 1959 by Kazimierz Michałowski.
It should be pointed out that Polish archaeological work in Egypt started in 1937

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at the temple of Edfu. Kazimierz Michalowski from the University of Warsaw headed the research. Today, many archaeological projects are undertaken in different parts of Egypt such as Kom el-Dikka, Tell Atrib, Deir el-Bahari and Saqqara.

<http://www.zaspan.waw.pl>

Cooperation between Universities

- Krakowska Szkoła Wyższa - 6 October University: the two sides have signed the agreement in 2008, for organising seminars, conferences and workshops for their academic, teachers, scholars and students. October 6 University also proposes courses of Polish language for students. Also, Polish language is also taught in Ain Shams University in the Faculty of Alsun. In 2003, October 6 University signed the cultural and scientific agreement with the High School of Commerce and International Finance (HSCIF).

<http://www.ka.edu.pl>

<http://www.o6u.edu.eg/>

- Jagiellonian University Krakow - Cairo University: An Agreement was signed in January 2010 between the Faculty of Economics and Political Sciences of Cairo University and the Faculty of International and Political Studies of Jagiellonian University Krakow according to MA Euro-Mediterranean Studies 2010-2010. Academic objectives of the project are focused on developments in the Arab World and Euro-Mediterranean relation as well as different political theories of political sciences in the Arab World. The project concerns visits of bi-national students, presentation of collaboration of students' teams. The project also regards evaluation of project by students and professors as well as presentation of papers and conferences.

<http://www.uj.edu.pl/>

www.cu.edu.eg

PORTUGAL



Science and Technology Agreements

- Cultural, Scientific and Technical Cooperation Agreement (1982) and respective Executive Programmes.
- Economic, Industrial and Technical-Scientific Cooperation Agreement (2000).

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ROMANIA

Science and Technology Agreements

- Agreement on Economic, Scientific and Technical Cooperation (2007).
- On September 22, 2014, the Romanian Government approved the document entitled 'Programme Of Cooperation n The Fields Of Education, Culture And Other Related Fields Between The Government Of Romania And The Government Of The Arab Republic Of Egypt'. This comprehensive programme is currently being considered by the Egyptian relevant institutions and will be implemented from December 2014, covering a timeframe of 5 years. The programme encompasses common projects for general education, higher education, scientific research, culture and arts, information and mass media, youth, sports, tourism and health. A similar programme of lower amplitude has been in force until 2014.

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Bilateral Programmes Supporting the Mobility of Researchers

- Romania: Based on the Executive Programme on cooperation in the fields of Education, Science and Culture, Romania offers annually on a reciprocal basis, 20 scholarships for university, postgraduate studies and/or doctorate and encourages the exchanges of professors and specialists in various fields.
- For the university year starting in October 2014, The Egyptian Ministry of Foreign Affairs and the Ministry of National Education of Romania offered two scholarships to Egyptian citizens, both for PhD studies in the University of Bucharest.

Cooperation between Research Centres and Institutes

- In September 2014, the National Sanitary Veterinary and Food Safety Authority of Romania and the General Organisation for Veterinary Services of Egypt signed a MoU on livestock health and food safety. The document encompasses a detailed plan for common action, with the aim of providing the Egyptian side with relevant support in improving the performance and capacity of their veterinary system.

Other Research Initiatives and S&T Activities

- Romania has supported the establishment of the Modern University for Technology and Information in Cairo.
<http://www.mti.edu.eg/>

SLOVAKIA



Science and Technology Agreements

- Agreement on Joint Cooperation in Scientific, Educational, Cultural and Sports fields (1995)
- Agreement on Scientific and Technological Cooperation (2007)

Cooperation between Universities

- Slovakian University of Technology- Alexandria University (2013): A Memorandum of Understanding aimed to develop the relationship between the two universities in the framework of the exchange of faculty members and students between the two sides and cooperation in conducting joint scientific research and technology projects in topics of common interest.

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SLOVENIA

Science and Technology Agreements

- Protocol on Science and Technological Cooperation (signed on April 23, 2007), ratified from the Slovenian side (June 18, 2008).

Other Research Initiatives and S&T Activities

- Euro Mediterranean University (EMUNI) - Institute for Diplomatic Studies (IDS) :
A Memorandum of Understanding on future cooperation was signed on December 15, 2009 in Cairo

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SPAIN



Science and Technology Agreements

- Memorandum of Understanding on Inter-university Cooperation Programme, ICP, September 2007
- Memorandum of Understanding on Collaboration in the Field of Technology, July 2007

International Programmes Supporting the Mobility of Researchers

- Spanish Agency for International Development Cooperation (AECID):
AECID funds a programme to grant postgraduate studies in Spain for Medium and Low Income Countries but not specifically aimed at Egypt.
<https://www.aecid.gob.es/es/Tramites-Servicios-en-linea/>
- The Euro Arab Foundation for Higher Studies, located in Granada (Spain), organises the Euro Arab Chairs Annual programme, supported by the Spanish Agency for International Development Cooperation (AECID) and the Euro Arab Foundation. It promotes teaching and research exchanges among academics, scientists, researchers, artists, and intellectuals from MENA countries with the aim of promoting the exchange of knowledge. It is an interdisciplinary,

critical and open space for discussion specially created to contribute to the study of very diverse subjects in the fields of arts and culture, social sciences, environment and sustainable development.

www.fundea.org/cooperacion/catedras-euroarabes.html

Other Research Initiatives and S&T Activities

- The Centre for Industrial Technological Development (CDTI) is a public-business entity, answering to the Ministry of Economy and Competitiveness, which fosters the technological development and innovation of Spanish companies and supports their internationalisation. The Centre has built a strategic network of offices and representatives abroad (including Egypt) available to Spanish companies. Currently, CDTI has launched a unilateral call in 25 countries including Egypt, to promote international technological cooperation in developing projects of R&D with local research centres or enterprises from all sectors.
<http://www.cdti.es/index.asp?idioma=2>

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SWEDEN

International S&T Cooperation Programmes

- The purpose of the Swedish Research Links programme is to support the development of long-term research partnerships between Swedish researchers and researchers within selected low- to middle-income countries, including the Middle East and North Africa (MENA). The long-term aim of the programme is to contribute to mutual scientific and socioeconomic development of the countries involved. The programme aims to support knowledge exchange between the partners and long-term collaboration through high quality projects. The programme is open to researchers from all academic disciplines, covering theoretical as well as empirical, basic as well as applied fields of research. The key condition for the programme has been that researchers from the countries involved submit joint applications on projects of mutual interest. Grants for international research cooperation are for 3 years maximum. The “Research Links Programme” is administered by the Swedish Research Council. www.vr.se
- Swedish International Development Cooperation Agency (Sida) finances the research programme MENA Research Links. Sida also finances research in developing countries, primarily by Swedish researchers, but part of the funding may be used for foreign partners. <http://www.sida.se/English/Partners/Universities-and-research/From-funding-research-to-fighting-poverty>

- The “Institutional Grant” programme of the Swedish Foundation for International Cooperation in Research and Higher Education (STINT) finances long-term exchange and research collaboration between Swedish and foreign universities. <http://www.stint.se>

International Programmes Supporting the Mobility of Researchers

- The Swedish Institute Study Scholarships for full-time master's level studies in Sweden <https://studyinsweden.se/scholarship/swedish-institute-study-scholarships/>
- The Nordic Africa Institute, located in Uppsala, offers scholarships to researchers who are engaged in research on/about the African continent and with a proven track record of extensive research experience within its “African Guest Researchers’ Scholarship Programme”. <http://www.nai.uu.se/scholarships/african/>
- The Linnaeus-Palme exchange programme for university teachers and students aims to strengthen and expand cooperation between universities in Sweden and in other countries. Applications have to go through a Swedish university department, with whom an exchange programme has been agreed. <http://www.programkontoret.se/sv/Program-och-stipendier/Program-A---O/Linnaeus-Palme/Ansokan/>



Research Centres, Institutes and Scientific Organizations Active in Egypt

- Swedish Institute in Alexandria (Swedalex):
A dialogue institute inaugurated in 2000 by the Ministers of Foreign Affairs of Sweden and Egypt with the objective to develop a means to increase broad contacts and cooperation with the countries of the Middle East and North Africa, to facilitate dialogue on issues of common concern, and to contribute to the Euro-Mediterranean partnership. Swedalex is an independent institute under the Ministry of Foreign Affairs and has a regional scope. Swedalex focuses on Arab-Euro dialogue within the following areas: a) Democracy, human rights, and gender; b) Culture, religion and value systems; c) Knowledge society; d) Peace and security. Swedalex cooperates with civil society organisations, government organisations, regional and international organisations. Activities organised by Swedalex include seminars, workshops, publications, training and lectures.
<http://www.swedenabroad.com/alexandria>

Cooperation between Universities

- The Royal Institute of Technology in Stockholm (KTH) - The Faculty of Engineering at Pharos University in Alexandria (PUA): A joint degree programme with KTH (Sweden) and PUA (Egypt) that introduces the concept of Swedish quality engineering and science

education at PUA and provides its graduates with the professional skills which prepare them to compete in modern and innovative global job markets. It offers five undergraduate programmes in engineering, all of which adhere strictly to the Swedish criteria of education. The five programmes include architecture, computer engineering, electrical engineering, mechanical engineering and petrochemical engineering which are all accredited by the KTH in Sweden, and are currently delivered at PUA in Egypt.

<http://www.kth.se/en>

<http://www.pua.edu.eg>

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Science and Technology Agreements

- The UK has an Economic, Industrial and Technological Cooperation Agreement with Egypt. This agreement was signed on 11 June 1975.

Bilateral Research Funds and S&T Cooperation Programmes

- The Newton-Mosharafa Programme (2014) : The Newton Fund aims to develop science and innovation partnerships that promote the economic development and welfare of developing countries. As part of the UK's official development assistance, the fund is £75 million each year from 2014 for 5 years. The allocation of funding to Egypt will be £4 million per annum (£2 million UK; matched by £2million from Egypt). Opportunities under Newton-Mosharafa include PhD/Msc/MPhil scholarships, researcher mobility programmes, professional development programmes, technical support and capacity building. The programme will also support the development of knowledge transfers from institutions to industry as well as institutional partnerships in the fields of archaeology, tourism, renewable energy, food production, health and medicine, agriculture and water. The first opportunities under the Newton-Mosharafa Fund were launched in October 2014. For the most recent updates on current Newton-Mosharafa opportunities, please see: <http://www.britishcouncil.org/en/programmes/education/newton-mosharafa-fund>

International Programmes Supporting the Mobility of Researchers

- Chevening scholarship: It is the British government flagship scholarship. The British Chevening Scholarship scheme aims to bring future leaders, decision-makers and opinion-formers to the UK for a period of postgraduate study. To be eligible, you should have a proven record of success and have the potential to rise to a position of power and influence in your chosen career. Chevening awards are given annually to students from a wide variety of countries. They cover all or part of the cost of a one-year postgraduate course in the UK. Once you have completed the course, you will be expected to return to your home country. The first Scholars started in 1984, the first Fellows in 2005. The programme provides nearly 1,000 Scholarships at Higher Education Institutions (HEIs) in the UK for postgraduate students or researchers from over 130 countries. It also provides over 200 Fellowship places for mid-career professionals who are already working in fields related to the FCO's policy goals. The programme is largely funded by the FCO. The Scholarship scheme receives significant contributions from HEIs and other organisations in the UK, and from a wide range of overseas sponsors including governmental and private sector bodies, with which the FCO or its overseas Posts have partnership agreements. It is managed by the British Council, on behalf of the FCO, both in the UK and overseas. The scholarships are fully funded and cover course fees, living allowance and return airfare. Applications are invited for study in all subject areas; however priority will be given to the



following: Sustainable Development, Environment, Education, Human Rights & Good Governance, Economics, Finance & Banking, Media, Middle Eastern studies, Politics and International law.

<http://www.chevening.org/>

- BP Cambridge scholarship: In collaboration with BP Egypt, the Cambridge Overseas Trust offers a number of scholarships annually to enable graduates of outstanding academic merit to pursue courses of study in subjects to be considered on their merits at the University of Cambridge. Scholarships are offered for graduates to pursue a one-year postgraduate course of study.

The scholarships, tenable for one year, will normally cover the University Composition Fee at the overseas rate, approved College fees, a maintenance allowance sufficient for a single student and a contribution towards a round-trip airfare. Preference will be given to candidates seeking degrees in petroleum related areas, as well as business, economics and development studies.

<http://www.cambridgetrust.org/scholarships/scholarship/?award=25>
or contact the British Council office.

- The OSI Middle East Cambridge scholarships: The Open Society Foundation-London, a division of the Soros Foundation, is collaborating with the Cambridge Overseas Trust to fund postgraduate students from the Middle East at the University of Cambridge. Ten scholarships will be awarded to applicants for 2010 from Egypt, Iraq, Jordan and Syria who plan to study for

a PhD in order to pursue an academic career in their home country or region. Applications are welcomed in the fields of Environmental Studies, Public Health, Education and Law, although other subjects within the fields of Social Sciences and Humanities may be considered. Each scholarship will pay the student's full fees for the duration of their course (including a year working towards a Master's degree, if that is a precondition by the University of Cambridge for admission to the PhD), as well as a monthly stipend for living expenses, a contribution to travel to the UK, and participation in the OSI Pre-Academic Summer School before study in Cambridge starts.

www.cam.ac.uk

- Royal Society Fellowships: The Royal Society offers incoming fellowships for researchers from North America and Asia. The aim is to attract outstanding postdoctoral scientists to undertake high-quality research at a UK laboratory. The fellowships are available for up to two years for postdoctoral researchers in the USA and Canada and up to one year if you are from Asia. The research undertaken must relate to a subject within the natural sciences. Awards are not granted in the areas of the social sciences or clinical medical research.
<http://royalsociety.org/>
- Scotland's Saltire Scholarships: Under Scotland's Saltire Scholarships scheme, 200 awards are available to postgraduate Master's students from Canada, China, India and the USA. This is part of the Scottish government's

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continuing support for the 'brightest and best' students to come and study in Scotland. The Saltire Scholarship scheme highlights academic excellence in the Scottish university sector: Eighty six percent of academic research in Scottish institutions has been judged to be internationally excellent, according to the latest independent and globally-regarded Research Assessment Exercise. Scotland has also increased its share of the UK's world-class research. In a recent report commissioned by the British Council, 86% of university students surveyed would recommend the Scottish experience to others and 91% of international students think Scotland is a good place to be.

You can find out more and watch videos of international students talking about their experiences in Scotland and apply online at the British Council Scotland website.

<http://www.scotlandscholarship.com/>
<http://www.educationuk.org>

Research Centres, Institutes and Scientific Organizations Active in Egypt

- The British Council is the UK's leading international organisation for educational, cultural and science-related activities.
<http://www.britishcouncil.org/egypt.htm>

Universities in Egypt

- British University in Egypt: A UK-Egyptian partnership comprising a local educational foundation and a leading UK university, the University of Loughborough, has been formed to establish The British University in Egypt. Opened in September 2005, the University offers degrees in the fields of business, computer science, pharmacy and engineering.

<http://www.bue.edu.eg>

<http://www.lboro.ac.uk/>

- October University for Modern Sciences and Arts (MSA) University: MSA was established in 1996, MSA was the pioneer in Egypt to validate its programmes with British universities in 2002. MSA University grants its graduates a dual-origin bachelor degree; namely a British degree from Middlesex or Greenwich universities, and another Egyptian degree which is accredited by the Egyptian Supreme Council for Universities.

<http://msa.eun.eg/>

<http://www.mdx.ac.uk/>

<http://www.gre.ac.uk>

Cooperation between Universities

- UK Open University (UKOU) - Arab Open University (AOU): Joint degree programme with AOU Egypt and UKOU, candidates are required to either attend as full time or part time at the AOU campus. Candidates are awarded dual degrees (one from AOU and another from UKOU).

<http://www.open.ac.uk/>

<http://www.aou.edu.eg>



- University of Sunderland - Arab Academy for Science and Technology and Maritime Transport (AASTM): It is a collaboration between AASTMT and University of Sunderland; candidates are awarded a single degree from Sunderland University in any of the following fields; candidates are optionally able to study part of the degree in the University of Sunderland-UK.
<http://www.sunderland.ac.uk/>
<http://www.aast.edu/en/>
- University of Wales - Modern University for Technology and Information: Validation programme offered by University of Wales in participation with MTI-Egypt, candidates are awarded two certificates (one from each partner).
<http://www.wales.ac.uk/en/Home.aspx>
<http://www.mti.edu.eg/>
- University of Wales - Arab Academy for Science and Technology and Maritime Transport (AASTM): Validation programme offered by the University of Wales in participation with AASTM in Alexandria and Cairo. Candidates are awarded two certificates
<http://www.wales.ac.uk/en/Home.aspx>
<http://www.aast.edu/en/>
- University of Wales in Cardiff (UWIC) -Arab Academy for Science and Technology and Maritime Transport (AASTM): A joint initiative with the Arab Academy (AASTM) in Alexandria. The partnership is moving towards agreement for a programme which will enable 800 undergraduate and postgraduate students at the Academy to study, in Alexandria, for a UWIC degree.
<http://www3.uwic.ac.uk/English/Pages/home2.aspx>
<http://www.aast.edu/en/>
- Edinburgh Business School - The American University in Cairo: MBA certificate from Heriot Watt - joint programme. The programme is located at and taught by AUC. Candidates are awarded two degrees; one from the AUC (validated by the Ministry of Higher Education), and the other validated by Heriot Watt.
<http://www.ebsglobal.net/>
<http://www.aucegypt.edu.eg>
- Edinburgh Business School - Ain Shams University (ASU): MBA certificate from Heriot Watt - joint programme. The programme is located at and taught by Ain Shams University (Arabic Version). Candidates are awarded two degrees; one from the ASU (validated by the Ministry of Higher Education), and the other validated by Heriot Watt.
<http://www.ebsglobal.net/>
<http://www.asu.edu.eg/>
- University of London External Programme - Learning Resource Centre (LRC): In collaboration with University of London, LRC is providing academic and administrative support. Candidates are awarded MSc in Special and Inclusive Education and Post Graduate Diplomas in Psychology and Human Development from University of London, Institute of Education.
<http://www.londonexternal.ac.uk/>
<http://www.lrcegypt.com/>

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- University of Nottingham - Information Technology Institute (ITI): MSc in Information Technology. Candidates are awarded the ITI Diploma after nine months studying at ITI; after a further three months at the University of Nottingham to complete their dissertation, they are awarded an MSc from the University of Nottingham.

<http://www.nottingham.ac.uk/>
<http://iti.gov.eg/>

- Queen Mary University - Alexandria University, Faculty of Medicine: Joint activities and programmes for the purpose of facilitating academic, scientific and technological exchange and cooperation in the broad field of medicine and dentistry. Joint activities include: programme evaluation, exchange of faculty members, exchange of students, and exchange of scholarly and pedagogical materials, joint research and use of research facilities, technical assistance and/or training, collaborative teaching programme development.

<http://www.qmul.ac.uk/>
<http://au.alexu.edu.eg/Arabic/Pages/default.aspx>

- University of Nottingham – Mansoura University: Exchange agreement between the Faculty of Engineering at Nottingham and the Computer and Information Engineering Department at Mansoura. Candidates are optionally allowed to continue their studies at the University of Nottingham after studying for two years at Mansoura University. Candidates are awarded Bachelor degrees in

engineering from both universities. A scholarship of 25% is available if five or more students apply.

<http://www.nottingham.ac.uk/>
<http://www.mans.eun.eg/english>

Other Research Initiatives and S&T Activities

- Research Councils UK (RCUK): Research Councils UK (RCUK) is a strategic partnership between the seven UK Research Councils. RCUK was established in 2002 to enable the Councils to work together more effectively to enhance the overall impact and effectiveness of their research, training and innovation activities, contributing to the delivery of the Government's objectives for science and innovation.

<http://www.rcuk.ac.uk/default.htm>

- Famelab: Famelab® is an international competition designed to identify and nurture talent in science communications. It was designed by the Cheltenham Science Festival and the National Endowment for Science, Technology and the Arts (NESTA) in the UK. In Egypt it has been managed by the British Council in partnership with the Research Development and Innovation programme since 2009.

FameLab® aims to:

1. Encourage young scientists to find their voices and to communicate with the wider public in an open, inspiring and interactive way
2. Stimulate younger generations to consider a career in science and science communications
3. Promote science as part of popular culture



- Capacity building for attracting international funding : A series of workshops offered by the British Council and Ulster University to enhance the capacity of local researchers in acquiring international funds offered by EU - in collaboration with Assiut University, Ain Shams University and the Supreme Council of Universities. Participants included Coordinators of International Funds at 17 state universities.
- Supreme Council of Universities and Alexandria University - University of Portsmouth/British Council, Egypt - Linking Industry with Research (2009): Workshops to provide local researchers with the insight and frameworks needed to link effectively research to the community and business and industrial base obtaining sponsorship from industry through focused research while considering lessons that emerge from good practice.
- University of Stirling, Institute of Aquaculture, Scotland, UK - The National Institute of Oceanography and Fisheries, Egypt: Memorandum of Understanding between the two institutes to take up scientific and technical cooperation in the field of Sustainable Aquaculture. Forms of collaboration to include exchanges of technical information, visits, training and cooperative research consistent with the ongoing programmes of the participants.
<http://www.aqua.stir.ac.uk/>
<http://www.niof.sci.eg/>
- Ministry of Education, Egypt and five UK universities including Northumbria University, Birmingham City University, Edinburgh University, University of Hertfordshire, and University of East Anglia: The Teachers' Inward Mission Project is a collaboration between the five UK institutes and the Ministry of Education to develop local teachers' capacities in the fields of mathematics, science, English, kindergarten and special needs teaching. The programme runs for nine months in the UK and is totally funded by the Ministry of Education, Egypt.
<http://www.northumbria.ac.uk>
<http://www.bcu.ac.uk>
<http://www.ed.ac.uk>
<http://www.herts.ac.uk>
<http://www.uea.ac.uk>
- Ministry of Industry, Ministry of Health and Ministry of Administrative Development - the University of Hull/Train Egypt Institute: Collaboration in the vocational sector in Egypt. The collaboration includes delivery of various training programmes for assistant emergency care specialists, nurses and Train the Trainer programmes. All the programmes were jointly delivered and co-funded by the three ministries.
<http://www.mohp.gov.eg>
<http://www.ad.gov.eg>
<http://www.hull.ac.uk>
- Northumbria University - British Training Solution in Egypt (BTS): Distance Learning MSc in Quantity Surveying (QS). BTS Egypt provides administrative and academic support. Candidates are awarded an MSc in Quantity Surveying from Northumbria University.
<http://www.northumbria.ac.uk>
<http://www.britishtrainingsolutions.org/> 65



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- The Egyptian Ministry of Health & Population - Northumbria University/General Technology: A joint programme in nurse education to upgrade nursing knowledge and professional behaviour. The programme involved the introduction of a new five-year nursing curriculum delivered through technical institutes. Northumbria University, in partnership with General Technology, developed and delivered transformational education for two years to clinical teachers in 260 schools of nursing across Egypt. Students from the Transformational Programme are leading the way for changes in nurse education and have collaborated with Northumbria lecturers in further projects to improve nursing care. The programme is funded by the Egyptian Ministry of Health & Population.
<http://www.mohep.gov.eg>
<http://www.northumbria.ac.uk>

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The British Council

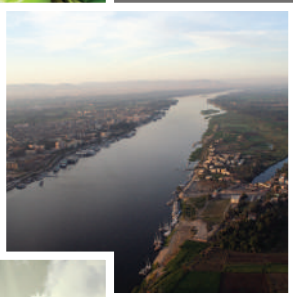
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ANNEX

Table 1: EU Bilateral and International Research Funds and S&T Cooperation programmes

Country	Cooperation Programmes	Agency supporting the Programme	Description	Bilateral / International Programme
 European Union	Horizon 2020	European Commission	Horizon 2020 is the European Union Framework Programme for Research and Innovation. With a budget of nearly €80 billion, runs from 2014 to 2020. Built on three pillars – Excellent Science, Industrial Leadership and Societal Challenges – it will fund all types of activities, from frontier science to close-to-market innovation. The European Commission regularly publishes calls for proposals and funding opportunities on the online H2020 "Research Participant Portal".	International
	Research, Development and Innovation programme (RDI)	European Commission – Egypt's Ministry of Higher Education and Scientific Research	It is an EC funded bilateral programme for the support of S&T capacity building in Egypt. The first phase was funded by MEDA Programme with a budget of €11 million for the period from 2007 to 2010. The second phase of RDI, known as RDI II, has started in 2011, with a budget of around €20 million (ENPI), for a period of three years.	Bilateral
 Finland	Finnish Higher Education Institutions Institutional Cooperation Instrument (HEI-ICI)	Finnish Centre for International Mobility	A new Finnish Development Cooperation financing instrument for capacity building projects between Finnish Universities and partner country universities. The objective is to strengthen the skills and capacity of partner institutions in the developing countries. The action resembles twinning: a developing country institution cooperates with a Finnish university or polytechnic.	International




Results	Budget	Website
<p>Under the previous Framework Programme (FP7), 126 projects were main-listed with an EC contribution to Egyptian participants of about €14.97 M. The number of Egyptian participants in these projects reached 163 in various research fields including energy, environment, food, agriculture and social sciences. For further information about these projects, visit: http://cordis.europa.eu/</p>	<p>€80 billion</p>	<p>http://ec.europa.eu/programmes/horizon2020/</p>
<p>Under the EU-Egypt Innovation Fund, 51 projects were selected for funding under RDI I and 26 projects were funded under RDI II. Also, a network of focal points was put in place, to promote cooperation with the EU, in more than 40 universities and research centres in Egypt.</p>	<p>RDI I: €11 million RDI II: €20 million</p>	<p>http://www.rdi.eg.net</p>
<p>As an example, in 2009 a preparatory phase of entrepreneurship capacity-building project between Cairo University and Helsinki School of Economics was carried out under this instrument</p>		<p>www.cimo.fi</p>

ANNEX

Country	Cooperation Programmes	Agency supporting the Programme	Description	Bilateral / International Programme
 Finland	North-South-South Higher Education Institution Network Programme	Finnish Centre for International Mobility	The Programme opens up new opportunities for cooperation between higher education institutions in Finland and in the developing countries	International
	The Academy of Finland and the Academy of Scientific Research & Technology (ASRT) Joint research programme	The Academy of Finland and the Academy of Scientific Research & Technology (ASRT)	Funding of joint research projects between Egyptian and Finnish researchers in the field of environmental research. The Academy of Finland provides funding also for Finnish scientific research in Egypt.	Bilateral
 France	IMHOTEP (French Egyptian Research Programme)	French Ministry of Foreign Affairs and International Development, French Ministry of Higher Education and Egyptian Research and Academy of Scientific Research and Technology	<p>Since 2005, The Imhotep programme has aimed at supporting bilateral research projects between France and Egypt in all scientific disciplines.</p> <p>Each team should include junior researchers.</p> <p>Projects are supported for a duration of 2 years.</p>	Bilateral
	ENVI-Med	French Ministry of Foreign Affairs and International Development	The ENVI-Med regional programme is a French cooperation initiative for countries in the Mediterranean Basin designed to encourage and strengthen high-level scientific and technological cooperation in the region as well as research networking on sustainable development and understanding the environmental processes of the Mediterranean Basin.	Bilateral
	IRD - STDF	French Institute of Research for Development (IRD)	The joint fund IRD-STDF aims at encouraging and strengthening research partnerships between Egyptian and French researchers in different research domains. This collaboration is based on a mechanism of co-conceiving research, education and innovation programmes; co-funding them; co-implementing them; and co-evaluating them with the Egyptian partner. The following cooperation mechanisms are financed on a competitive basis: <ul style="list-style-type: none"> • Research Projects developed by joint French-Egyptian research teams; • Chairs of Excellence; • Scientific Mobility Grants. 	Bilateral



Results	Budget	Website
Programme supports a network cooperating with Egypt: Public Health Higher Education Network, PHEN		www.northsouthsouth.fi
		http://www.aka.fi/en-gb/A/For-researcher/Funding/International-coopearion/Africa/Egypt/
<ul style="list-style-type: none"> • More than 100 projects have been financed since 2005 • Publications in peer-reviewed international journals • Patents participating in international achievements 	Around 250.000 € per year	www.institutfrancais-egypte.com/category/coop_science/
<ul style="list-style-type: none"> • Since its creation in 2012 this programme has financed more than 20 projects • Teams are composed of researchers from at least three Mediterranean countries 	Around €300.000	www.mistrals-home.org
<ul style="list-style-type: none"> • Since its establishment in 2010 this fund has financed 19 joint Egyptian-French projects, where joint teams received a financial support of around 100,000 euros to 300,000 euros. 	Common fund of €7.2 M for a period of 4 years, equally financed.	http://egypte.ird.fr/toute-l-actualite/les-appels-a-propositions/appels-d-offres-conjoints-ird-aird-stdf

ANNEX

Country	Cooperation Programmes	Agency supporting the Programme	Description	Bilateral / International Programme
 Germany	GERF (German Egyptian Research Fund)	International Bureau of the BMBF (IB); Science and Technology Development Fund (STDF); and German Academic Exchange Service (DAAD).	The grants are intended to give researchers – including young scientists - an opportunity to address new areas of scientific research and to promote bilateral research cooperation. To implement this call, MHESR and BMBF have assigned the Science and Technology Development Fund (STDF) for Egyptian applicants and the International Bureau of the BMBF (IB) for the German applicants, as well as the Cairo office of the German Academic Exchange Service (DAAD).	Bilateral
 Italy	Executive Programme of Scientific and Technological Cooperation between Italy and Egypt for the years 2013-2015	Italian ministry for foreign affairs and the Academy of scientific research and technology in Egypt	Italian and Egyptian researchers have presented joint research projects in several scientific and technological areas such as, Agriculture and Food Science and Technology; Design Engineering and Technology; Electronics, Information Communication Technology; Energy and Environment, Health, Biotechnology and Medicine; Nanotechnology and Medicine; Nanotechnology and Advanced Materials; Space and Physics; Geology and Geophysics; Technologies applied to Cultural and Natural Heritage and Transport Systems including Automotive technologies.	Bilateral
 Sweden	Research links Programme	Swedish Research Council	It fosters research ties between researchers in Sweden, on the one hand, and researchers and researchers in different regions, including the Middle East and North Africa (MENA) on the other. The key condition for the programme has been that researchers from the countries involved submit joint applications on projects of mutual interest. The programme has offered two forms of grant for international collaboration: the International Research Grant (normally awarded for three years) and the International Planning Grant (one year).	International
	Swedish International Development Cooperation Agency – Research Programme	Swedish International Development Cooperation Agency (SIDA)	It finances the research programme MENA Research Links. SIDA also finances research in developing countries, primarily by Swedish researchers, but part of the funding may be used for foreign partners.	International

Results	Budget	Website
<p>19 research projects have been funded for the 1st call of the GERF. The projects cover different themes, such as renewable energy, material sciences, medical sciences, agriculture and industry.</p>	<p>€ 2 mil (€1 mil from each country)</p>	<p>www.stdf.org.eg http://cairo.daad.de/en</p>
<p>Nine projects have been selected for the award of financial support for the exchange of researchers. For each project, 1 short-term stay (up to 10 days) and 1 long-term stay (30 days) in Italy and 1 short-term stay (up to 10 days) and 1 long-term stay in Egypt may be financed yearly. In addition, financial support may be granted to eight joint projects of high relevance.</p>		
<p>In Egypt, the Academy of Scientific Research has been the counterpart, and evaluation and joint selection processes have taken place every year in Cairo.</p>		<p>www.vr.se</p>
		<p>http://www.sida.se/English/Partners/Universities-and-research/From-funding-research-to-fighting-poverty</p>



ANNEX

Country	Cooperation Programmes	Agency supporting the Programme	Description	Bilateral / International Programme
 Sweden	Institutional Grants Programme	Swedish Foundation for International Cooperation in Research and Higher Education (STINT)	The Programme finances long-term exchange and research collaboration between Swedish and foreign universities	International
 UK	The Newton-Mosharafa Programme (2014)		<p>The Newton Fund aims to develop science and innovation partnerships that promote the economic development and welfare of developing countries. Opportunities under Newton-Mosharafa include PhD/Msc/MPhil scholarships, researcher mobility programmes, professional development programmes, technical support and capacity building. The programme will also support the development of knowledge transfers from institutions to industry as well as institutional partnerships in the fields of archaeology, tourism, renewable energy, food production, health and medicine, agriculture and water.</p> <p>The first opportunities under the Newton-Mosharafa Fund were launched in October 2014.</p>	International/ Bilateral

Results	Budget	Website
		www.stint.se
	<p>The fund is £75 million each year from 2014 for 5 years. The allocation of funding to Egypt will be £4 million per annum (£2 million UK; matched by £2 million from Egypt).</p>	http://www.britishcouncil.org/en/programmes/education/newton-mosharafa-fund




ANNEX

Table 2: EU Bilateral and International Programmes in Support of the Mobility of Researchers

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 European Union	Marie Skłodowska-Curie actions Actions (MSCA) - Horizon 2020	European Commission	The objective of the MSCA is to support the career development and training of researchers – with a focus on innovation skills – in all scientific disciplines through worldwide and cross-sector mobility. For this, the MSCA provide grants at all stages of researchers' careers, from PhD candidates to highly experienced researchers, and encourage transnational, intersectoral and interdisciplinary mobility.
	Erasmus+	European Commission	Erasmus+ is the European Union Programme for education, training and youth for the years 2014-2020. It includes a strong international dimension notably in the fields of higher education and youth. Partner Countries, including Egypt, are eligible to take part in certain actions of the programme. The International credit mobility of individuals and Joint Master Degrees (under Key Action 1) is promoting the mobility of learners and staff from and to Partner Countries. Capacity Building Projects in higher education (Key Action 2) support cooperation and partnerships that have an impact on the modernisation and internationalisation of higher education institutions and systems in Partners Countries. Through cooperation with international organisations, "Key Action 3" aims to support policy reform, foster policy dialogue, promote international attractiveness of European higher education in the world and support the network of higher education reform experts in Partner Countries. Along with the key actions, Jean Monnet activities aim at stimulating teaching research and reflection in the field of European Union studies worldwide.
 Belgium	Executive Programme on cooperation in the fields of Education, Science and Culture – Flemish Community		Flemish Community: Based on the Executive Programme on cooperation in the fields of Education, Science and Culture, the Flemish Community offers annually on a reciprocal basis 3 scholarships of 10 months for post-graduate university studies or research.
	Executive Programme on cooperation in the fields of Education, Science and Culture – French Community		French Community: Based on the Executive Programme on cooperation in the fields of Education, Science and Culture, the French Community offers annually 4 summer scholarships for perfection of the French language at the Université Libre de Bruxelles. Egypt offers 3 scholarships (total of 27 months) to students or researchers living in the French Community or the region of Brussels.


Bilateral or International programme	Website
International	http://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sklodowska-curie-actions
International	http://ec.europa.eu/programmes/erasmus-plus/ Erasmus Programme Guide: http://ec.europa.eu/programmes/erasmus-plus/documents/erasmus-plus-programme-guide_en.pdf
Bilateral	
Bilateral	

ANNEX

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 Finland	Finnish Government's Scholarship Pool	Finnish Centre for International Mobility CIMO	Egyptian researchers receive scholarships every year
	Bilateral Government of Egypt scholarships	Finnish Centre for International Mobility CIMO	Scholarships for Finnish post-graduates and researchers in Egypt
 France	Tahtawi Scholarship	The French Embassy in Egypt	Scholarships for Egyptian students registered for a Master's degree in a university in France.
	Grants for PhD students	The French Embassy in Egypt	Egyptian students doing their PhD in an Egyptian university or in a French university, and who wish to accomplish a part of their research in a French university or laboratory.
	Grants for postdoctoral researchers	The French Embassy in Egypt and the Science and Technology Development Fund (STDF)	For young Egyptian PhD holders who obtained their degree during the last ten years and who wish to complete their training in a French laboratory.
	Training in the field of medicine	The French Embassy in Egypt	For young Egyptian MD students or researchers who wish to complete their training in medicine in a French university hospital.
	Short scientific visits for French and Egyptian Researchers	The French Embassy in Egypt	Scientifically recognized senior researchers who wish to benefit from a short visit (5 days) in a laboratory in France or in Egypt to give conferences and / or elaborate a project of collaboration.
	Research in Paris	The City of Paris	This programme aims to draw researchers from abroad – postdoctoral and senior researchers – to public-sector research laboratories located within inner Paris and to forge new ties and strengthen existing ones with research centres in major international cities and Paris.
 Germany		The Alexander von Humboldt Foundation	Non-profit organisation established by the Federal Republic of Germany in order to promote international research cooperation. It enables highly qualified scholars of all nationalities to spend extended periods of time in Germany to work on research projects.
		DAAD	The great number and variety of DAAD programmes can be arranged into five strategic goals: 1) Scholarships for foreigners to promote young, international elites at German higher education institutions and research institutes. 2) Scholarships for Germans for studies and research abroad. 3) Internationalizing the German higher education institutions. 4) Promoting German studies and the German language abroad. 5) Educational cooperation with developing countries.


Bilateral or International programme	Website
International	http://finland.cimo.fi/scholarships/postgraduate_studies_and_research/scholarship_pool.html
Bilateral	
Bilateral	http://institutfrancais-egypte.com/bourse_tahtawi/
Bilateral	www.institutfrancais-egypte.com/category/coop_science/
Bilateral	www.institutfrancais-egypte.com/category/coop_science/
Bilateral	www.institutfrancais-egypte.com/category/coop_science/
Bilateral	www.institutfrancais-egypte.com/category/coop_science/
Bilateral	www.institutfrancais-egypte.com/category/coop_science/
International	www.humboldt-foundation.de/en/index.htm
International	www.daad.de/

ANNEX

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 Germany	GERF (German Egyptian Research Fund)	International Bureau of the BMBF (IB); Science and Technology Development Fund (STDF); and German Academic Exchange Service (DAAD).	The grants are intended to give researchers – including young scientists - an opportunity to address new areas of scientific research and to promote bilateral research cooperation. To implement this call, MHESR and BMBF have assigned the Science and Technology Development Fund (STDF) for Egyptian applicants and the International Bureau of the BMBF (IB) for the German applicants, as well as the Cairo office of the German Academic Exchange Service (DAAD). The projects cover different themes, such as renewable energy, material sciences, medical sciences, agriculture and industry. € 2 Million annually (€ 1 Million from each country)
	GERLS Fund (German Egyptian long-term scholarship programme)	DAAD	Aims to support doctoral candidates wishing to obtain a PhD by providing them with the opportunity to enroll in full doctoral programmes (up to 42 months) in German Universities
	GERSS Fund (German Egyptian Short term Research scholarship programme)	DAAD	The target groups of the programme are researchers enrolled in MSc, PhD programmes and young Post-Doctoral candidates. The research stays may be awarded for a period from three to six months.
	GESEED German Egyptian Mobility Programme for Scientific Exchange and Excellence Development	DAAD	Project based staff exchange programme that promotes mobility between Egyptian and German researchers in the field of science and technology
	German-Arab Transformation Partnership	DAAD	The Transformation Partnership focuses on strengthening the transition process in Egypt and Tunisia by means of project-related cooperation between German and Egyptian or Tunisian universities. The programme is open to all academic disciplines and is divided into four programme strands: - Programme Strand 1: University Partnership - Programme Strand 2: Short-term Cooperation - Programme Strand 3: Joint Master Programmes - Programme Strand 4: Research Partnerships







Bilateral or International programme	Website
	www.stdf.org.eg ; http://cairo.daad.de/en
Bilateral	http://cairo.daad.de/en/
Bilateral	http://cairo.daad.de/en/
Bilateral	http://cairo.daad.de/en/
International	http://cairo.daad.de/en/ http://www.changebyexchange.de/de/

ANNEX

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 Germany	Bilateral Degree Programmes	DAAD	The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and the DAAD jointly support the establishment of bicultural Master's Programmes at German and Arab universities. Based on a needs assessment undertaken by the Federal Ministry for Economic Cooperation and Development (BMZ), Master's courses with English as language of instruction are being designed and launched in selected fields of study in Arab countries. Besides the transfer of knowledge and expertise, a particular emphasis is placed on conveying regional knowledge and intercultural communication skills. Accordingly, the courses are characterized by training in small multicultural groups and course modules are jointly taught by German and Arab staff. Graduates are awarded with a degree from both the German as well as the Arab partner university.
	Development Related Postgraduate Courses	DAAD	German universities that offer international postgraduate courses with high relevance to development-related topics can apply for admission to the programme "Development-Related Postgraduate Courses". For courses in this program, the DAAD sponsors selected persons from developing countries with a scholarship award, which enables them to acquire an internationally competitive degree in a Postgraduate Course with heavy emphasis on practical experience.
	Public Policy and Good Governance	DAAD	Since 2009, the DAAD programme "Public Policy and Good Governance" (PPGG) is supporting future leaders from Africa, Latin-America, South-Asia, Southeast-Asia and the Middle-East who want to promote democracy and social justice in their home countries. The programme, which is funded by the German Federal Foreign Office, offers the chance to acquire a Master's degree in Master programmes of particular relevance for the social, political and economic development in the students' countries of origin. In the light of the principles of Good Governance, highly qualified graduates with a first academic degree are being educated in political science, law, economics and administration and prepared for future leading positions in their home countries.
	Re-invitation Scholarship	DAAD	The Re-invitation Programme helps the DAAD to maintain contacts with its former scholarship holders (DAAD Alumni) who studied in Germany for at least one year. DAAD Alumni can apply for a re-invitation to Germany with the purpose of completing a research or work project at a state higher education institution or a non-university research institute.



Bilateral or International programme	Website
Bilateral	http://cairo.daad.de/en/scholarships/graduates/
Bilateral	http://cairo.daad.de/en/scholarships/graduates/
International	http://cairo.daad.de/en/scholarships/graduates/
Bilateral	http://cairo.daad.de/en/scholarships/postdocs/

ANNEX

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 Germany	Bilateral Exchange of Academics / Wissenschaftler Austausch-Programme	DAAD	In order to explore new avenues of scientific cooperation and establish joint scientific research projects, the bilateral exchange of Academic programme is primarily intended to support the implementation of mutual teaching and research projects between German and Egyptian Scientists.
 Hungary	Hungary International Scholarship pool	Ministry of Education of the Republic of Hungary	In 2005 the Ministry of Education of the Republic of Hungary established a 'scholarship pool', a scholarship system of various types of scholarships, allowing for applications from different countries, including Egypt to apply for. There is a number of scholarships, including: undergraduates partial stays, graduate programmes and postgraduates research stays.
 Italy	Executive Programme of Scientific and Technological Cooperation between Italy and Egypt for the years 2013-2015	Italian Embassy in Egypt – Academy of Scientific Research and Technology	Nine joint-projects selected. For each project, 1 short-term stay (up to 10 days) and 1 long-term stay (30 days) in Italy and 1 short-term stay (up to 10 days) and 1 long-term stay in Egypt may be financed yearly.
 Poland	Cultural and Scientific activities Agreement, 2002		The Polish Party shall annually grant to the Egyptian Party 120 months of research internships in various fields of science. However, the Egyptian Party shall annually grant to the Polish Party 40 months of scientific research internships and 80 months for the Polish Centre of Mediterranean Archaeology (The University of Warsaw).
 Romania	Agreement on Economic, Scientific and Technical Cooperation, 21 February, 2007		Romania offers annually on a reciprocal basis, 20 scholarships for university, post-graduate studies and/or doctorate and encourages the exchanges of professors and specialists in various fields
 Spain		Spanish Agency for International Development Cooperation (AECID)	Programmes to grant postgraduates studies in Spain for Medium and Low Income Countries but not specifically aimed for Egypt. Spanish language is required to apply

Bilateral or International programme	Website
Bilateral	http://www.daad.de/ausland/foerderungsmoeglichkeiten/stipendiendatenbank/00658.de.html?detailid=243&fachrichtung=11&land=103&status=4&seite=1
International	http://www.scholarship.hu/Englishsite/Generalinformation/tabid/185/language/en-US/Default.aspx
Bilateral	
Bilateral	
Bilateral	
International	www.aecid.gob.es

ANNEX

Country	Name of the Mobility Programme	Agency supporting the Programme	Description
 Sweden	Guest Scholarship Programme for PhD and post-doctoral studies in Sweden	The Swedish Institute	Guest Scholarship Programme for PhD and post-doctoral studies in Sweden
	African Guest Researchers' Scholarship Programme	The Nordic Africa Institute	Scholarships to researchers who focus on Africa within its "African Guest Researchers' Scholarship Programme", particularly in the social sciences.
	Linneaus-Palme exchange programme		The Linneaus-Palme exchange programme for university teachers and students, which aims to establish and extend cooperation between universities in Sweden and in other countries.
 UK	Chevening scholarship	The British Council	The British Chevening Scholarship scheme aims to bring future leaders, decision-makers and opinion-formers to the UK for a period of postgraduate study. The programme provides nearly 1,000 Scholarships at Higher Education Institutions (HEIs) in the UK for postgraduate students or researchers from over 130 countries. Priority will be given to the following: Sustainable Development, Environment, Education, Human Rights & Good Governance, Economics, Finance & Banking, Media, Middle Eastern studies, Politics and International law.
	BP Cambridge scholarship	The British Council	The Cambridge Overseas Trust offers a number of scholarships annually to enable graduates of outstanding academic merit to pursue courses of study in subjects to be considered on their merits at the University of Cambridge.
	The OSI Middle East Cambridge scholarships	Open Society Foundation -London, - the Cambridge Overseas Trust	Scholarships will be awarded to applicants for 2010 from Egypt, Iraq, Jordan and Syria who plan to study for a PhD in order to pursue an academic career in their home country or region. Applications are welcomed in the fields of Environmental Studies, Public Health, Education and Law, although other subjects within the fields of Social Sciences and Humanities may be considered.
	Scotland's Saltire Scholarships	The British Council	This is part of the Scottish government's continuing support for the 'brightest and best' students to come and study in Scotland.
	The Newton-Mosharafa Programme		The Newton Fund is also funding researchers' mobility programmes.

Bilateral or International programme	Website
International	http://www.studyinsweden.se/Scholarships/SI-scholarships/Guest-Scholarship-Programme/PhD-and-post-doctoral-studies/
International	www.nai.uu.se
International	http://www.programkontoret.se/sv/
International	http://www.chevening.org/
International	http://www.bp.com
International	www.cam.ac.uk
International	www.scotlandscholarship.com
International/ Bilateral	http://www.britishcouncil.org/en/programmes/education/newton-mosharafa-fund

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RESEARCH AND INNOVATION Cooperation between Egypt and European Union Member States

This publication maps the different programmes and initiatives of the European Union Member States in Egypt in the fields of Science, Technology, Research and Innovation. It provides an easy-to-use guide for policy makers, researchers, journalists and all those who are interested to learn about the cooperation between Egypt and the European Union in these fields.