Tanta University
Project Management Unit

Competitive Project Unit (CPU)
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Established in June 2010

- STDF
- FP7
- TEMPUS
- Erasmus Munds
CPU Staffs

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CPU Vision

An efficient leading consultant body and a role model at Tanta University, with a remarkable impact on the university research competitiveness and innovation capabilities.
CPU Mission

To serve as a consultant body at Tanta University to foster research activities with the main goal to improve the university’s research outcome and output at international level.
CPU Activities

- Provide funding resources (grants, partners, etc.) to investigators at Tanta University.
- Disseminate the concept of grant-based research at Tanta University.
- Help investigators to write research proposals.
- Help in protection of the intellectual right of the PIs.
Important notes from CPU

- CPU is not a funding body.
- It is established to **facilitate** grant processing from pre-writing to funding phases.
- It just serves as a consulting body.
Main Funding Bodies

1. Science and Technology Development Fund
   (www.stdf.org.eg)

2. Research, Development and Innovation (RDI)
   (http://www.rdi-eg.com/)
   - Seventh Framework Program (FP7)
   - EU-Egypt Innovation Fund (EEIF)
     (http://www.rdi.eg.net/InnovationFund/Background/Pages/default.aspx)

3. Trans European Mobility Scheme for University Studies (TEMPUS)
   http://eacea.ec.europa.eu/tempus/

4. Research, Development and International (RDI)
   www.rdi-eg.com/
Science and Technology Development Fund
صندوق العلوم والتنمية التكنولوجية

- In the context of a plan within the framework of the Ministry of Higher Education and Technology in Egypt, the Minister of Higher Education and Technology, No. 217, 2007, established the Higher Council for Science and Technology and the A team of experts from the Ministry of Science and Technology, the Ministers of the Council of Ministers, and representatives of the Prime Minister and the Prime Minister established the Higher Council for Science and Technology.

- The council specializes in the development of strategic plans and setting the future goals of science and technology and setting the indicators for implementing the minister's plans and following up its implementation.

- In the context of the implementation of the development plan for the Ministry of Science and Technology for the year 2007, No. 218, the Minister of Higher Education and Technology, established a fund for science and technology development.
أهداف الصندوق

- كفالة تمويل البحث العلمي والتنمية التكنولوجية من خلال الأولويات التي يحددها المجلس الأعلى للعلوم والتكنولوجيا.
- دعم القدرات الابتكارية لمنظمة العلوم والتكنولوجيا.
- دعم الدورة الكاملة للبحث العلمي وتطوير المنتجات التي تعتمد على المعرفة والتكنولوجيا (أبحاث منشورة – براءات إختراع – نماذج نصف صناعية – منتجات).
- دعم نشر البيانات والمعلومات عن العلوم والتكنولوجيا.
موارد الصندوق

- الاعتمادات التي تخصصها له الدولة في الموازنة العامة.
- التبرعات والإعانات والهبات والوصايا التي يقبلها مجلس الإدارة بما لا يتعارض مع أهداف الصندوق.
- المنح والقروض التي توافق عليها الدولة وما يتم اتاحتها كمقابل محلي لها.
- حصيلة استثمار موارد الصندوق.
Vision
An efficient leading funding agency in the area of Science and Technology, with a remarkable impact on the country's economic competitiveness and innovation power.
The main National funding body

Mission

To improve Egypt’s technological capacity, strengthen its innovation power, and ensure the application of scientific endeavor for the benefits of the people of Egypt
National STDF Grants

Research Grants

Young Researcher Grant
- Young Researchers working in Egypt
- 3 Years
- L.E 500,000
- Landscape for R&D community
- Capacity building
- Prevent brain drain

Reintegration Grant
- Young Researchers holding a Ph.D. from a reputable Uni.
- 3 Years
- L.E 750,000
- Brain Gain
- Strengthening R&D community

Basic & Applied Research Grant
- Any researcher/ group of researchers
- 2 Years
- L.E 1,000,000
- Landscape for R&D community
- Capacity building.
International STDF Grants with European Countries

- Egypt-USA Science Year (2011)
- Egypt-France Science Year (2010)
- Egypt-Italy Science Year (2009)
- Egypt-Japan Science Year (2008)
- Egypt-German Science Year (2007)

*All are through STDF*
International Grants with Arab Countries

- Egypt-Tunis Program: the last call ended 31/10/2010
- Egypt-Syrian Program: The last call ended September 2010.
The EU Seventh Framework Programme (FP7) was launched by the European Commission in December 2006 with a budget of €50 billion.

FP7 runs between 2007 and 2013 and provides an excellent opportunity for researchers to work alongside leading European companies and research organizations to collaborate with their partners around the world at the cutting edge of technology, with the support of EU funding.
Seventh Framework Program (FP7)

• Research Grants: In all fields
• Mobility Grants Marie Curie Actions
FP7 Research Grant Themes

- Health
- Food, agriculture and fisheries, and biotechnology
- Information and communication technologies
- Nanosciences, nanotechnologies, materials and new production technologies
- Energy
- Environment (including climate change)
- Transport (including aeronautics)
- Socio-economic sciences and the humanities
- Space
- Security
1. **Initial training:** Networks for Early stage researchers
2. **Life long training and career development:**
   - *Intra European Fellowships*
   - *European Reintegration Grants*
   - *Co-funding of national programs*
3. **Industry dimension:**
   - *Industry-academia partnership and pathways*
4. **International dimension:**
   - *Outgoing fellowships*
   - *Incoming fellowships*
   - *International reintegration grants*
   - *International staff Exchange Program*
Marie Curie: Financial rules

- A two-year fellowship
- Staff are seconded (i.e. maintain salary in institution of origin and have the right to return)
- Community contribution for EU MS/AC partners: fixed 1900€/person/month (incl. travel, subsistence)
- Extra 200€ for long distance countries
The EU-Egypt Innovation Fund (EEIF) is the main component of the RDI Programme with an estimated budget of €6.5 million for supporting research, development and innovation initiatives in Egypt.
The fund will be dispensed as grants on competitive basis to applicants from both the industry and research community that have the interest and competence to undertake applied research or contribute to the technological innovation in Egypt.
The fund will initially focus on projects inline with Egypt’s innovation objectives including Energy, Water, ICT, Environment, Materials and Nano-technology, Biotechnology, Health, Space, Manufacturing Industries, Food, Agriculture and Education.
The Fund is composed of two grant schemes with different objectives, eligibility criteria and types of actions:
The main objective of this scheme is to support initiatives and projects that contribute to the achievement of sustainable development in Egypt with emphasis on increasing capital investment, enhancing technological innovation and improving competitiveness of the different economic sectors in Egypt. Also this scheme will concentrate on strengthening cooperation with European and regional counterparts in order to enable the transfer of technology, know how, and best practices to Egyptian institutions.
The main objectives of Scheme 2 are enhancing collaboration between the research community and the industry to embark on fruitful cooperation aiming at technological innovation, raising awareness on importance of R&D and innovation, and enabling SMEs and entrepreneurs to solve technical problems and develop certain ideas that do not need mega financing.

Also this scheme will support activities aiming at strengthening networking/cooperation with European and regional counterparts to promote technology transfer and implement best practices.
Trans European Mobility Scheme for University Studies (TEMPUS)

- **Institutional Grants:**
  - Curricula Development
  - University Management
  - Institutional Capacity Building

- **Mobility Grants**
  - Erasmus Mundus
Tempus Main Objectives?

- Establishment of new courses or reform of former ones in the list of national priorities
- Help higher education institutions to restructure and to reform their management
- Encourage institutions to work together and set up networks, in a particular discipline
- Training and capacity building
- Provide higher education institutions with basic materials
**TEMPUS**

*Institutional Grants*

- Partner country’s universities may act as GRANT HOLDERS
- Budget 500,000 – 1,500,000 Euro
- Staff Cost: maximum 40% of the total budget
- Co-Finance 10% at least
- More stress on Impact
TEMPUS Mobility Grants

*Erasmus Munds*

The Projects supports mobility for:

- *Undergraduates*
- *Master of Science*
- *Philosophy Doctorate*
- *Post-Doctorate & Academic Staff*
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<thead>
<tr>
<th>Egyptian Partners</th>
<th>European Partners</th>
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<tbody>
<tr>
<td>Alexandria University</td>
<td>Institut National Polytechnique De Lorraine <em>(France)</em></td>
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<tr>
<td>American University in Cairo</td>
<td>International Institute for Geo-Information Science and Earth Observation <em>(Netherlands)</em></td>
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<tr>
<td>Beni Suef University</td>
<td>Lunds Universitet <em>(Sweden)</em></td>
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<tr>
<td>Cairo University</td>
<td>Politecnico di Torino <em>(Italy)</em></td>
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<tr>
<td>Fayoum University</td>
<td>RWTH Aachen University <em>(Germany)</em></td>
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<tr>
<td>Helwan University</td>
<td>Université Bordeaux1 <em>(France)</em></td>
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<tr>
<td>Nile University</td>
<td>University of Graz <em>(Austria)</em></td>
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<td>South Valley University</td>
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<td>Suez Canal University</td>
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<tr>
<td><strong>Tanta University</strong></td>
<td><strong>University of Wales Institute is the grantholder</strong></td>
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Websites of the EU Partners

- University of Wales Institute, Cardiff: [http://www.uwic.ac.uk](http://www.uwic.ac.uk)
- Fakultät für Bauingenieurwesen Rheinisch-Westfälische Technische Hochschule Aachen [http://www.fb3.rwth-aachen.de](http://www.fb3.rwth-aachen.de)
- Université Bordeaux 1, France: [http://www.u-bordeaux1.fr/dai](http://www.u-bordeaux1.fr/dai)
- Politecnico di Torino; [http://www.polito.it](http://www.polito.it)
- Lund University: [http://www.lu.se](http://www.lu.se)
- ITC, The Netherlands: [http://www.itc.nl](http://www.itc.nl)
- University of Graz, Austria: [http://international.uni-graz.at](http://international.uni-graz.at)
Thank You

Mohamed Salem, PhD
Director, CPU