



# Science and Technology Development Fund (STDF)

By

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# Outline

- About STDF
- Types of STDF grants
  - National calls
  - International joint calls
- General rules.
- STDF website and proposal submission
- Review process
- Grant management tips

# About STDF

- STDF was established in 2007 to:
  - Provide funding for scientific research and technology development.
  - Support the complete cycle of scientific research and product development
- Budget was 20 million pounds in 2007 and increased to more than 450 million pounds in 2011.
- Priority areas are: Energy (renewable), water, agriculture, Health, and ICT



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# National calls

- Calls are announced around the year.
- Funding range from 100,000 to 10 million L.E.
  - Basic and Applied Research grants
  - Young Researchers grant
  - Reintegration grant
  - Research Support and Technology Development grant
  - Demand Driven projects
  - National challenges projects
  - Capacity building grants
  - Faculty for factory
  - Support of scientific events

# Basic and Applied Research grant

<b>Budget</b>	<b>Up to 1 million L.E.</b>
Eligible costs	Salaries Travel Equipment Other (Chemicals, office supplies..etc) Indirect cost
Principal investigator (PI)	Any PhD holder working in an Egyptian research institution
Duration	Up to three years

# Young Researchers grant

<b>Budget</b>	<b>Up to 750,000 L.E.</b>
Eligible costs	Salaries Travel Equipment Other (Chemicals, office supplies..etc) Indirect cost
Principal Investigator	<ul style="list-style-type: none"><li>•Less Than 40 years old</li><li>•Published at least 2 papers in int. journals</li><li>•The research team must include at least two Assistant Lecturers/Assistant Researchers</li></ul>
Duration	Up to three years



# Reintegration grant

Budget	Up to 1,5 million L.E.
Eligible costs	Salaries Travel Equipment Other (Chemicals, office supplies..etc) Indirect cost
Principal Investigator	<ul style="list-style-type: none"><li>•Less than 40 years old</li><li>•Obtained PhD within past 3 years</li><li>•Published 3 papers in Int. journals</li><li>•Obtained PhD from one of top ranked 250 universities</li><li>•The research team must include at least two Assistant Lecturers/Assistant Researchers</li></ul>
Duration	Up to three years
Other benefits	Can apply for a Capacity building fund up to 5 million pounds to establish a lab



# Research Support and Technology Development grant

Budget	Up to 100,000 L.E.
Eligible costs	<ul style="list-style-type: none"> <li>• Small equipment and tools and consumables</li> <li>• Fees for use of facilities in other institutions</li> <li>• Local travel</li> <li>• Expenses related to <b>patent filing or IP management</b></li> <li>• <b>Technology transfer activities</b></li> <li>• <b>Incentives</b> for team members (20% max.)</li> <li>• Overheads (5%)</li> </ul>
Principal Investigator	<ul style="list-style-type: none"> <li>• Any Egyptian working at an Egyptian institution</li> <li>• <b>Teaching assistants can apply as PI's.</b></li> <li>• Grant is specially targeted to fund M.Sc and PhD research</li> </ul>
Duration	1 year
Other benefits	Graduation projects can be funded (supervisor will be PI)

# Demand-Driven projects (DDP)

Purpose of call	<ul style="list-style-type: none"> <li>• Introduce a new product that is currently imported</li> <li>• Improve a nationally produced product to pass and meet exportation norms .</li> <li>• Minimize production costs of agricultural products</li> <li>• New way in early diagnosis or treatment of endemic diseases</li> </ul>
Budget	Up to 1.5 million
Eligible costs	<ul style="list-style-type: none"> <li>• Left over from previous projects</li> <li>• Budget must be reasonable and detailed</li> </ul>
Principal Investigator	<p>Principal Investigator must be a researcher (PhD holder) working at an research institution</p> <p><b>Cooperation with the private sector is required</b></p> <p>The beneficiary is expected to provide co-funding to cover his own costs.</p>
Duration	3 years

**Call is now open**  
**Deadline is 13<sup>th</sup> of January 2016**

# National challenges program (NCP)

Purpose	<p>NCP grants are very similar to DDP grants:</p> <p>NCP: is directed to national needs or stressing problem in the nation</p> <p>DDP: is directed to solve problem in the private sector</p>
	<p>new way in early diagnosis, prevention and control of endemic disease</p>
Budget	Up to 1.5 million L.E.
Eligible costs	<ul style="list-style-type: none"> <li>•Left open to the applicant</li> <li>•Budget should be reasonable</li> </ul>
Principal Investigator	<ul style="list-style-type: none"> <li>•Any Egyptian researcher (or) working at an Egyptian research institution</li> <li>•The beneficiary must provide co-funding to cover his own cost</li> </ul>
Duration	3 years

**Call is now open  
Deadline is 13<sup>th</sup> of January 2016**

# Faculty for factory

Purpose of fellowship	Bridge the gap and enhance the collaboration between the academic community and the industry
Procedures	<ul style="list-style-type: none"><li>•Industrial entity describes the R&amp;D problem.</li><li>•STDF announces submitted problems</li><li>•Interested researchers submit an application summarizing their relevant experience.</li></ul>
	<ul style="list-style-type: none"><li>•STDF matches a researcher(s) to each industrial entity.</li><li>•Researcher and industrial entity prepare a detailed proposal.</li><li>•Proposal is subjected to review and approval by STDF.</li></ul>
Eligible costs	<b><i>Researchers honorarium up to a maximum of 15,000 LE per months to be divided between all researchers</i></b>
Duration	Two years
Restrictions	Only one PhD holder. The rest of the team members (if any) shall be graduate or senior undergraduate students only.



# Capacity Building Grants

Budget	Up to 5 millions L.E.
Eligible costs	<ul style="list-style-type: none"><li>•Equipment purchase</li><li>•Customs, shipping and handling, and taxes.</li><li>•Equipment repair (up to 20% of the original equipment price)</li><li>•Technical support.</li></ul>
	<ul style="list-style-type: none"><li>•Infrastructure (wiring, A/C and ventilation ...etc)</li><li>•<b>No indirect costs</b></li></ul>
Principal Investigator	<ul style="list-style-type: none"><li>• Applicant is the institution itself.</li><li>• PI should be a PhD holder</li></ul>
Duration	1 year

# STDF short term fellowship (STF)

Purpose of fellowship	Fund short term visits by Egyptian researchers to foreign institutes to exchange knowledge
Eligible costs	<ul style="list-style-type: none"><li>• Air tickets (up to 15,000 L.E.)</li><li>• Salary in the host country (according to Missions directorate rules)</li><li>• Preparatory research in Egypt before travel (up to 15,000 L.E.)</li><li>• Publications costs (up to 3,000 L.E.)</li><li>• Incentive after returning and submitting final report (5,000 L.E.)</li></ul>
Applicant	<ul style="list-style-type: none"><li>• Any Egyptian working at an Egyptian university or research institution.</li><li>• <b>PhD holders and Teaching assistants</b></li></ul>
Duration	6 weeks to 4 months
Requirements upon return	PhD: acceptance of one manuscript or submitting one collaborative funding proposal. Non-PhD holders: Successful implementation of at least one experiment (analysis) or Evidence for mastering new technique/technology.

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# International joint call

- Purpose of the call is to team up researchers with their counterparts in other countries.
- Calls funded by STDF in Egypt and other organizations (DAAD, British Council, etc.) in the host country.
- Cover research support (travel, materials, chemicals, salaries..etc) and provide a platform for researchers between countries.
- Current call is open to researchers from the following countries:
  - Germany, France, Russia, Italy, Japan, Korea, Jordan, and Malaysia.

**Egypt - France call is now open  
Provie stays in France fro up to 9 months  
Deadline is 16<sup>th</sup> of January 2016**



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# Intellectual property rules

- Intellectual property (IP) rights generated from your research is owned by STDF.
- IP could be: patents, utility models, or copyrights on software
- Inventors still get a share from any revenue generated from the IP according to the following table:

Revenue (million L.E.)	Inventors' Share
< 1	15 %
1 – 5	12.5 %
5 – 15	10 %
15 – 30	7.5 %
30 – 60	5 %
60 -100	3 %
> 100	2 %

# General rules for any grant-I

- You cannot have more than two projects running at the same time as a principle investigator. You cannot be a team member in more than 3 grants at the same time.
- You have to specify the percentage of time you allocate to each project (total of all projects can not exceed 100% 😊)
- Total of salaries must not exceed 25% of total budget.
- Travel budget must not exceed 10% of the total budget (capped at 100,000 L.E. max.)
- To attend a conference you must have an accepted paper as an Oral presentation not a poster.



# General rules for any grant-II

- Indirect costs can not exceed 20% of budget minus equipment cost (capped at 200,000 L.E.).
- Indirect costs can be only directed to:
  - Bonuses for accountants and administrative personnel (capped at 25% of indirect cost)
  - Repair and maintenance of equipment and machinery.
  - Funding of Technology Transfer Offices, and their development.



# General rules for any grant-III

- Any funded project must produce at least one paper in a peer reviewed international journal or a patent.
- Any correspondence between the PI and STDF should go through the university president.
- PI can not stay out of Egypt more than 1 month per year.
- Equipment purchased using STDF grants should be made available to all STDF grant holders.

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# STDF website and Proposal submission

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**OPEN CALLS**

[STDF Grant for Demand-Driven Projects \(No Deadline\)](#)

For more information, contact:  
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[German Egyptian Scientific Projects - GESP \(Deadline December 15, 2012\)](#)

[www.stdf.org.eg](http://www.stdf.org.eg)



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# Review Process-I

- PI submits proposal, GANT chart, and LFM on the STDF website.
- Administrative staff check proposal format and make sure it satisfies STDF requirements.
- Proposal is sent to technical reviewer(s).
- Reviewer(s) recommend proposal acceptance or rejection.
- STDF steering committee examines reviewers comments and gives the final decision on proposal acceptance or rejection.
- Contract negotiations.
- Contract is signed by PI, university president, and STDF director.

# After proposal acceptance

- The signed contract is sent to the Ministry of finance to open a bank account (حساب خزانة موحد بالبنك المركزي المصري).
- التوقيع الأول للشيكات يكون للباحث الرئيسي و التوقيع الثاني يكون لمندوب وزارة المالية بالوحدة الحسابية التي تتولي حسابات المشروع (مثلا حسابات كلية الهندسة أو كلية العلوم أو الحسابات المركزية... إلخ)
- Once the bank account is opened, STDF is notified.
- STDF prepares the first installment check and notifies the PI to collect it.
- From proposal submission to receiving the fund, expect around 6~10 months.

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# Grant management tips

- Make sure your team is dedicated to the project (hire full time research assistants if you need).
- Divide indirect costs between the university, your faculty, and your department (e.g. 50% to univ., 25 % to faculty, and 25% to department).
- Specify admin salaries early and get the university president approval.
- Use part of the indirect costs to furnish your lab space (Furniture, connect internet, air conditioning, PCs...etc).



# Thanks for your attention

This presentation will be available on the KTO website

[www.aun.edu.eg/kto](http://www.aun.edu.eg/kto)