

# HOW TO WRITE A COMPETITIVE RESEARCH PROPOSAL

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جامعة القاهرة

• ماذا تتوقع؟



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# What is a Research Proposal?



(c) ClipArtIllustration.co

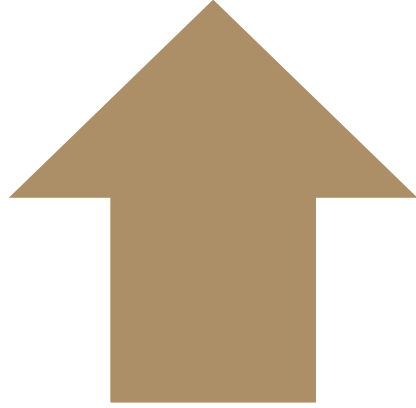
# What is a Research Proposal?

It is a detailed **plan** of action for scientific inquiry.

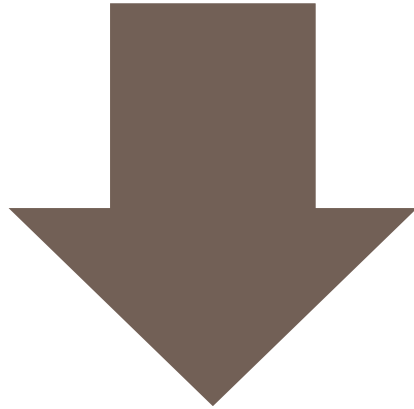
It :

- ✓ presents the research problem;
- ✓ indicates the methods and procedures that will be used to answer the research question.

# الاختلاف بين ؟



البحث



المشروع  
البحثي



# Components of a Research Proposal



ITEM	Research Publication	Research Project Proposal
Title	✓	✓
Abstract	✓	✓
Goal	✓	✓
Objectives	✓	✓
Introduction. Problem Statement	✓	✓
State-of-art/Literature Review	✓	✓

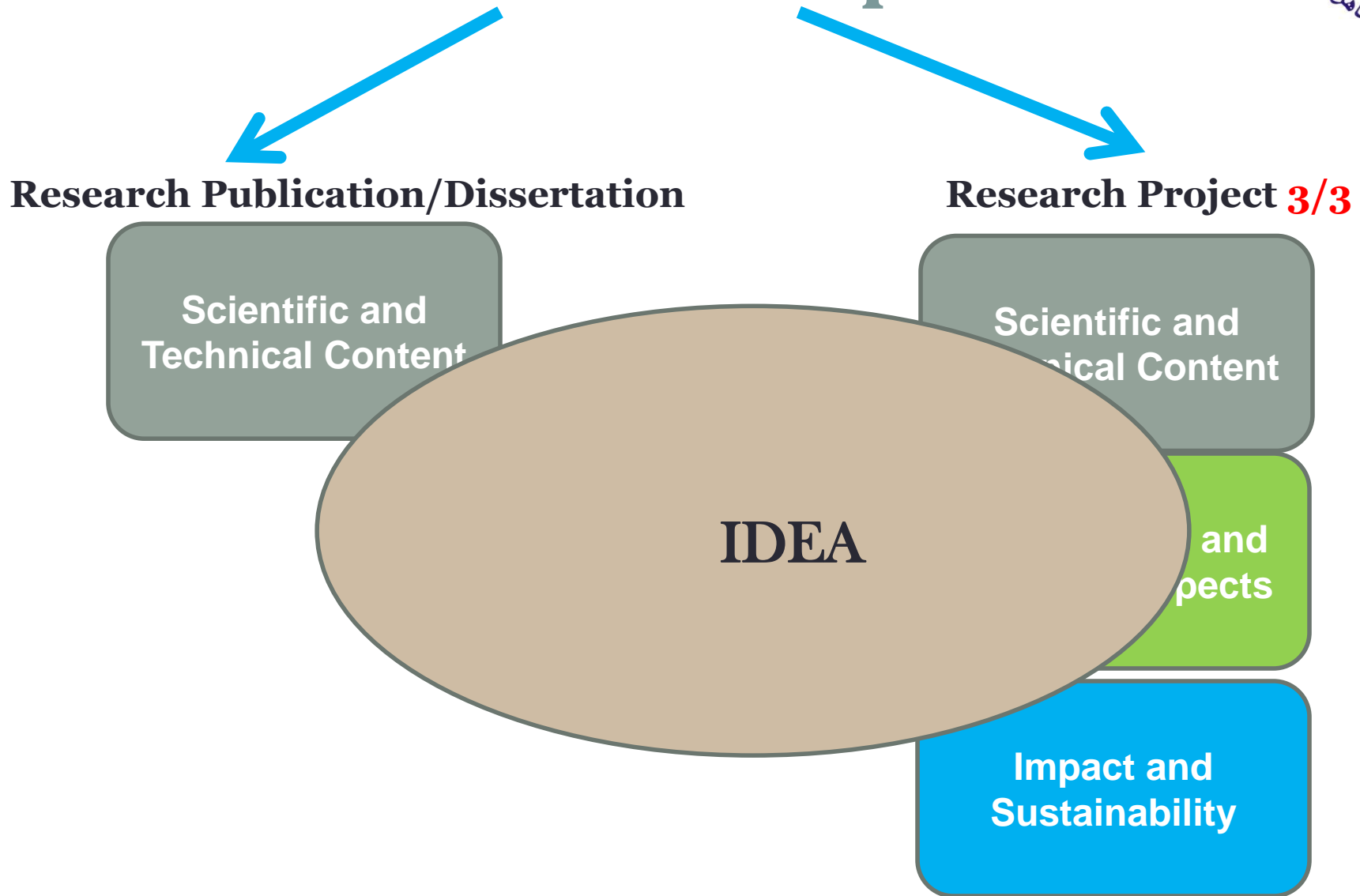
# Components of a Research Proposal



	Research Publication	Research Project Proposal
Methodology	✓	✓
Work plan- Gantt Chart		✓
Management		✓
Participants and Consortium		✓
Resources committed		✓
Budget-Financial Plan		✓



# Research Proposal

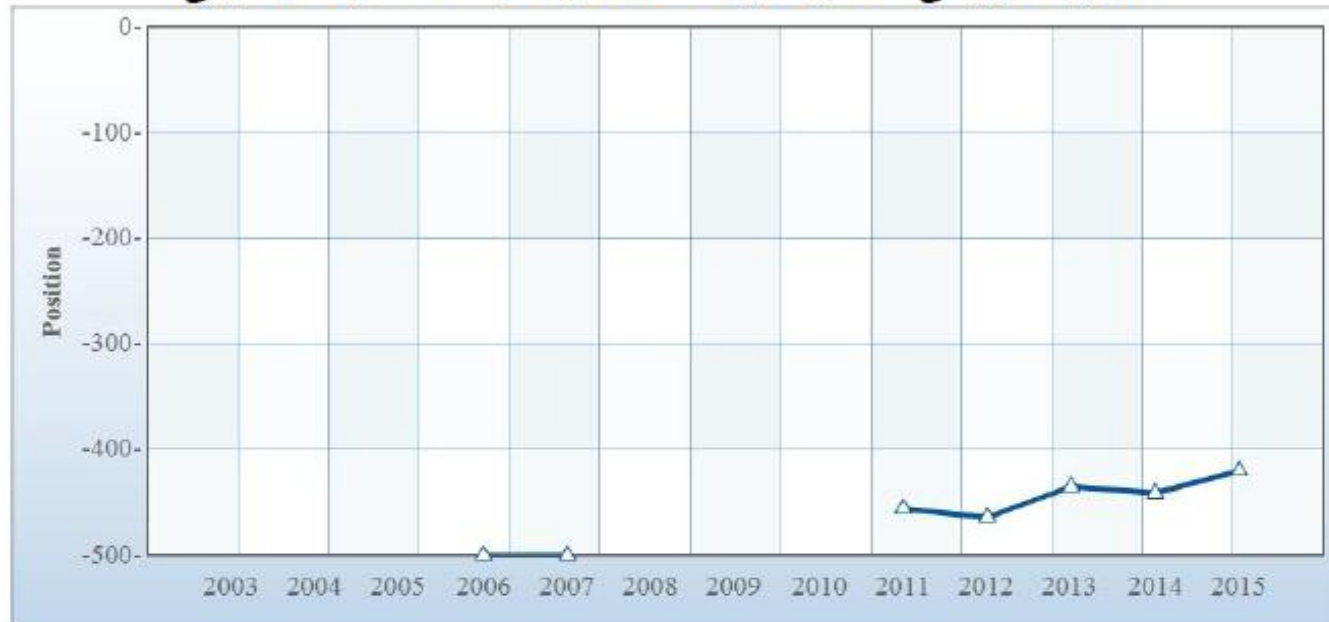


# Before Asking for Fund...

**start by yourself**

**Know more about  
your institution and  
Your research team**

## التطور التاريخي لتصنيف جامعة القاهرة طبقا للتصنيف الصينى



ARWU	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
World Ranking	/	/	/	401-500	403-510	/	/	/	401-500	401-500	401-500	401-500	401-500

منقول من ا.د. سيد كاسب، الاستاذ بهندسة القاهرة، مسئول ملف التصنيف

## ٦ معايير للتصنيف

Criteria	Indicator	Code	Weight
Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	Alumni	10%
Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	Award	20%
	Highly cited researchers in 21 broad subject categories	HiCi	20%
Research Output	Papers published in Nature and Science*	N&S	20%
	Papers indexed in Science Citation Index-expanded and Social Science Citation Index	PUB	20%
Per Capita Performance	Per capita academic performance of an institution	PCP	10%
Total			100%

منقول من ا.د. سيد كاسب، الاستاذ بهندسة القاهرة، مسئول ملف التصنيف

# How to Identify and Track Funding Sources?

- Website.
- Register for email notifications.
- Attend information sessions.
- Read your email thoroughly for circulars.
- Network!



**DAAD**  
Cairo

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

Home

DAAD - Branch Office Cairo

## DAAD Scholarships

Please refer for details to the link below regarding the entire scholarship offer of the DAAD Cairo Office:

[DAAD Portfolio](#)



## Scholarships (to Germany)

The German Academic Exchange Service (DAAD) offers various scholarships for Undergraduates, Postgraduates and Postdocs. The suitable scholarship for you depends on your country of origin, your current status and your specialization. If you use the link to the DAAD Homepage Bonn, Germany, you will find a scholarship database where you can search for a suitable program by using your personal criteria. You can also find an overview of all existing scholarships and programs. The database is available in German and in English language. To use the database, please click the following link:

[Scholarship database](#)

[How to find a PhD supervisor](#)

Translate

From: Japanese To: English

View: Translation Original



Wed 21st, Oct 2015 - Updated 07:33:58 PM GMT



ABOUT STDF

FUNDING MECHANISMS

EXPERTS AND REVIEWERS

PUBLICATIONS AND STATISTICS

FAQ

CONTACT US

## CURRENTLY OPENED GRANTS

Egypt-France Cooperation (STDF - IFE)



**Grant:** International Cooperation Grants  
**Program:** Egypt-France Cooperation (STDF - IFE)  
**Call:** Three  
**Call announcement:** 13-Oct-15  
**Call Deadline:** 12-Jan-16  
**Downloads:** ==> 4 AAC Postdoctoral (AR)  
==> Conseils Contact (AR)  
==> Conseils Contact  
==> Note pour Tuteurs français  
==> Personal Information Sheet  
**Contact Person:** Eng. Ghada Ghaleb





مؤسسة القلعة للمنح الدراسية  
*Qalaa Holdings Scholarship Foundation*



[Schedule & FAQ](#)

### Annual Application Schedule

- January 15th Beginning of Round. Applicants can begin submitting applications. Application form made available online.
- April 30th Deadline for submitting hard copy applications.
- May / June First shortlisting completed. Semi-finalists contacted for personal interviews.
- June Scholarship recipients announced before end of month.
- July - August Placement and departure of scholars

### Frequently Asked Questions

#### Who is eligible to apply for this scholarship?

All Egyptian nationals under the age of 35 are eligible for the Qalaa scholarship. The full set of criteria is available [here](#).

#### What fields and countries of study are eligible under the Qalaa scholarship?

All academic fields and countries are eligible under the Qalaa Scholarship.

#### What are the degrees funded by the Qalaa Scholarship?

QHSF is currently only funding full Master's degrees. The mode of study must be on-campus (we do not fund online degrees) and must be full-time.

#### How much funding does the scholarship offer?

The Qalaa Scholarship funds under two schemes: the full scholarship covering tuition and living



w.asrt.sci.eg

Inbox (571) - manal... Welcome to - RC .6t... How to Feel Good A... 13 Super Stylish Wa... Rotary.org | My Rot... Home - PubMed - ... Log in-idrisi 2

Wednesday 21 October 2015 من نحن أخبار والتعلقات الأبحاث والتكنولوجيا مواقع مهمة من نحن

أكاديمية البحث العلمي والتكنولوجيا  
Academy of Scientific Research & Technology

الرئيسية | إتاحة الإكاديمية | المجالس التوجيهية | الملكات العلمية والثقافية | تنمية التكنولوجيا | شبكة القوة للمعلومات | براءات الاختراع | فتح والشروعات | الحوارات

نعلن أن أكاديمية البحث العلمي والتكنولوجيا من فتح باب التقدم لعضوية المجلس التأسيسي الجديد



التعاون العلمي | من أجل التنمية الإقتصادية | من أجل التكنولوجيا | الفرصه العصريه للتعليم | تقدماء الدول القادم | الأكاديمية للشباب | وحدة التعليم الإلكتروني للتعليم

وحدة دعم الابتكار

وحدة الوسائط المتعددة والتعليم الإلكتروني للتعليم – MCSU في وحدة أُنشئت في فبراير ٢٠١٤ بأكاديمية البحث العلمي والتكنولوجيا. وقد تم إرسالها بفرص توجيه شباب، الطلاب، الأطفال والمادة لتسقبل أفضل. وتستخدم الوحدة مفهوم تعليمي جديد يساعد المجتمع على التطور. وتستخدم العلوم مصحوبة بملامح ومختلف الموضوعات.

التأسيس:

أخر الأخبار | المنح والمشاريع لمقروحة الآن | استبيانات واستطلاعات الرأي

أخبار

وقد صيغ بحث مع وزير التعليم العالي و  
أكاديمية البحث العلمي لتلقي مكالمة  
المشترك

الوزير الشريف التميمي وزير التعليم العالي في القاهرة  
الوزير الشريف التميمي وزير التعليم العالي في القاهرة  
معاون مدير أكاديمية البحث العلمي والتكنولوجيا

مقروحات مشاريع بحثية في إطار البرنامج  
التقني لائق التعاون العلمي بين أكاديمية  
البحث العلمي والتكنولوجيا وأكاديمية العلوم  
المؤقتة Mobility Projects  
2016/2017

إعلان للتصديقات مشاريع بحثية في إطار البرنامج  
التقني لائق التعاون العلمي بين أكاديمية البحث العلمي  
والعلوم والتكنولوجيا وأكاديمية العلوم

أخبار وأخبارات البحث العلمي

أخبار في العديد من المجالات المتعلقة بالابتكارات البحثية العلمية  
شاركوا في هذا

أولويات الأبحاث  
في مجال الصحة



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Our work in arts, education and society

Home > Our work in arts, education and society > Our work in education

## Newton-Mosharafa Fund

Contact us

Send us a message online  
or call your nearest office



### Research..Innovation..Prosperity

The Newton-Mosharafa Fund is £20 million, five year science and innovation partnership between the UK and Egypt.

The Fund brings together the British and Egyptian scientific research and innovation sectors to find joint solutions to the challenges facing Egypt in economic development and social welfare. [Read the Newton Mosharafa Fund brief.](#)

#### THROUGH NEWTON-MOSCHARAFA, WE WILL:

- build the skills and knowledge of British and Egyptian scientists through training and research

#### Our work in education

Connecting Classrooms

**Newton-Mosharafa Fund**

Going Global

Internationalising Higher Education

Skills for Employability

Schools Online

Support for English teachers and learners

FameLab



### Subscribe to our newsletter

Receive news about Newton-Mosharafa's development opportunities and networking activities.

## جامعة القاهرة

التميز في التعليم الجامعي



مطبوعات الجامعة

الجامعة في مصر

خدمات للرائدين

اعضاء هيئة التدريس

الطلاب

خدمة المجتمع

البحث العلمي

الشؤون الأكاديمية

## خطة البعثات للعام الثالث 2014/2015 من الخطة الخمسية السابعة 2012-2017

الرئيسية

تاريخ خبر المنحة: 2015-01-07 14:42:38

تاريخ انتهاء المنحة: 2015-02-05



يعلن قطاع الشؤون الثقافية والبعثات (الإدارة المركزية للبعثات) عن فتح باب التقدم لخطة البعثات للعام الثالث 2014/2015 من الخطة الخمسية السابعة 2012-2017 بالنظام التنافسي على أن يتم التقدم إلكترونياً على موقع قطاع الشؤون الثقافية والبعثات الموضح بعد :

www.mohe-casm.edu.eg حتى 5/2/2015 على النحو التالي :-

**أولاً: المجالات المتاحة للتقدم للحصول على بعثه خارجيه - اشراف مشترك - مهمة علميه لإجراء ابحاث ما بعد الدكتوراه - بعثات قصيره الأجل :-**

- الطاقة الجديدة والمتجددة

- تحليه موارد المياه.

- علوم الكمبيوتر وتكنولوجيا المعلومات.

- علوم الحياه ( الطب البشرى - الصيدلة - التمريض - طب الأسنان - الطب البيطري - العلاج الطبيعي)

- العلوم الزراعيه والتغذيه.

## أهم أقسام بوابة جامعة القاهرة

السادة رؤساء الجامعة

مشاهير خريجين جامعة القاهرة

أحصائيات و ارقام عن الجامعة

خدمات الطلاب

الخطط البحثية

مشروع اسكان الجامعة

اسئلة شائعة

## قرارات الجامعة

هذا القسم من البوابة الالكترونية

يحتوى على أهم قرارات الجامعة



# What is a call for proposal? Its Characteristics?





# Call For Proposals

- Announcement on website.
- Date of Announcement!
- Deadline.
- Guide for Applicants.
- Application Form.

Call for research proposals (1).pdf - Adobe Reader

File Edit View Window Help

Open | | | | | | | | | | 1 / 9 | | | 75% | | | Tools Fill & Sign Comment



## Global Alliance for Chronic Diseases (GACD)

Call for research proposals: **prevention and treatment of type 2 diabetes**

Call focus: **implementation science research**

Regional focus: **low- and middle-income countries**

## How to apply to the UK Medical Research Council

This guidance is for applicants wishing to apply to the UK Medical Research Council in response to the GACD call for research proposals for implementation science research for prevention and treatment of type 2 diabetes in low and middle income countries.

This guidance supplements the MRC Handbook for Applicants and Grantholders: <http://www.mrc.ac.uk/Utilities/Documentrecord/index.htm?d=MRC001873>. Please consult the MRC Handbook for Applicants and Grantholders for information such as preparing the budget for your proposal.

This present document provides additional information specific to the GACD prevention and treatment of type 2 diabetes call for proposals. Where guidance in the present document differs from that in the MRC Handbook for Applicants and Grantholders, you should follow the guidance in this present, scheme specific, document.

This GACD call funds partnership working between UK researchers and researchers based in low and/or middle income countries. The Principal Investigators applying for this call must be hosted by a UK institution which is eligible for UK Medical Research

EN ? | 15:50 22/11/2014



# Points in Calls: Guide for applicants

- Objective of the call
- Eligibility criteria
- Countries Allowed to share
- Duration of the Project
- Criteria of the proposal: page numbers, font,....
- Financial Support
- Evaluation Procedure
- Ethical Issues/Intellectual Property Rights



Innovation Fund



Contracting Authority: Ministry of Scientific Research (MSR)

Research, Development and Innovation Programme (RDI-2)

Guidelines  
for grant applicants

**EU-Egypt Innovation Fund – Grant Scheme2**

**Restricted Call for Proposal**

Budget line: BGUE- 19.080101

Reference: EuropeAid/132-759/M/ACT/EG

Deadline for submission of proposals: September 09, 2012





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# Read a Guide for Applicants



# Types of Funds

## Projects

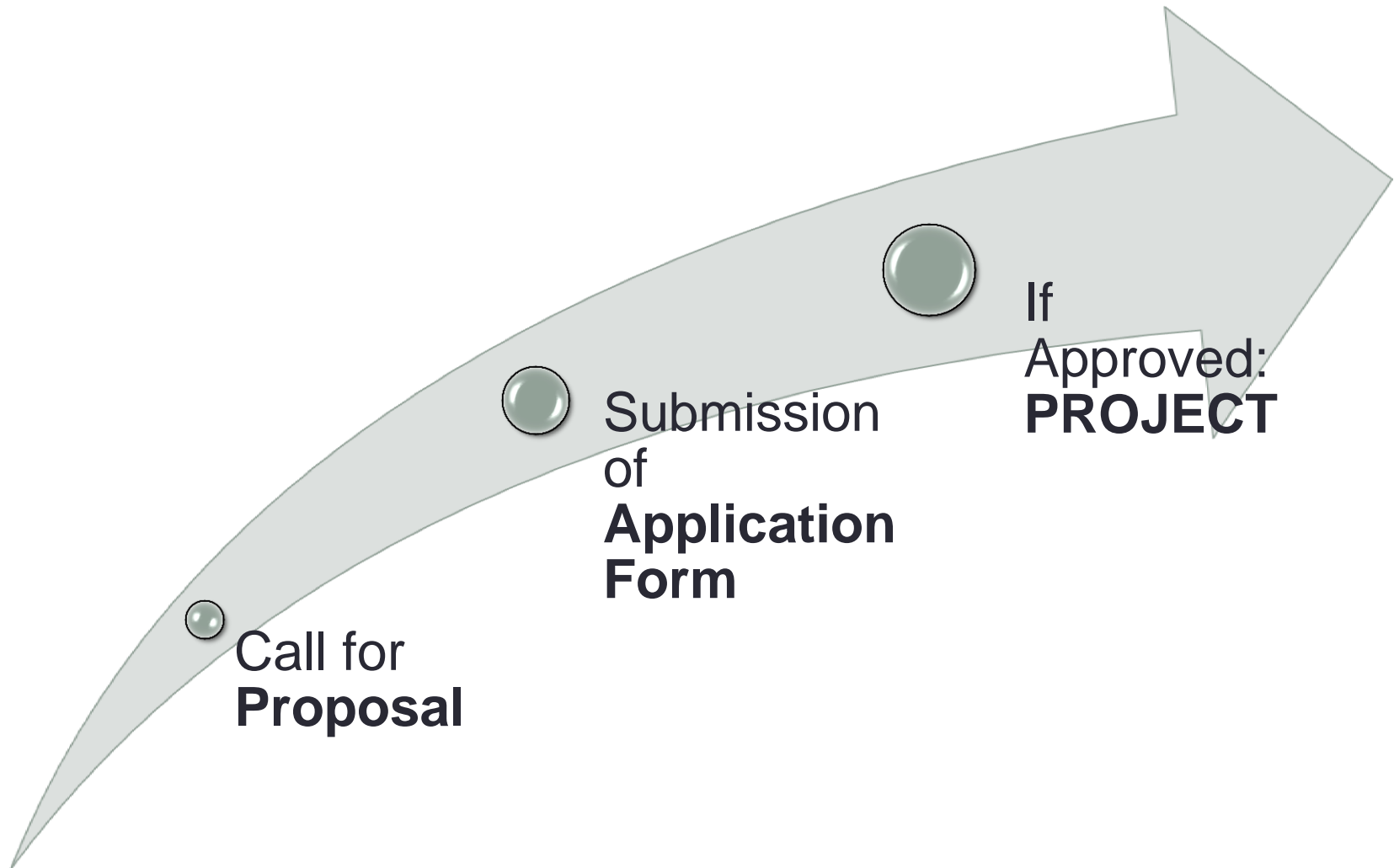
- RDT (Research Development and Technology)
- Coordination and Support Actions/Partnerships
- Infrastructure
- Modernization of Educational Programmes and Curricula

## Individual

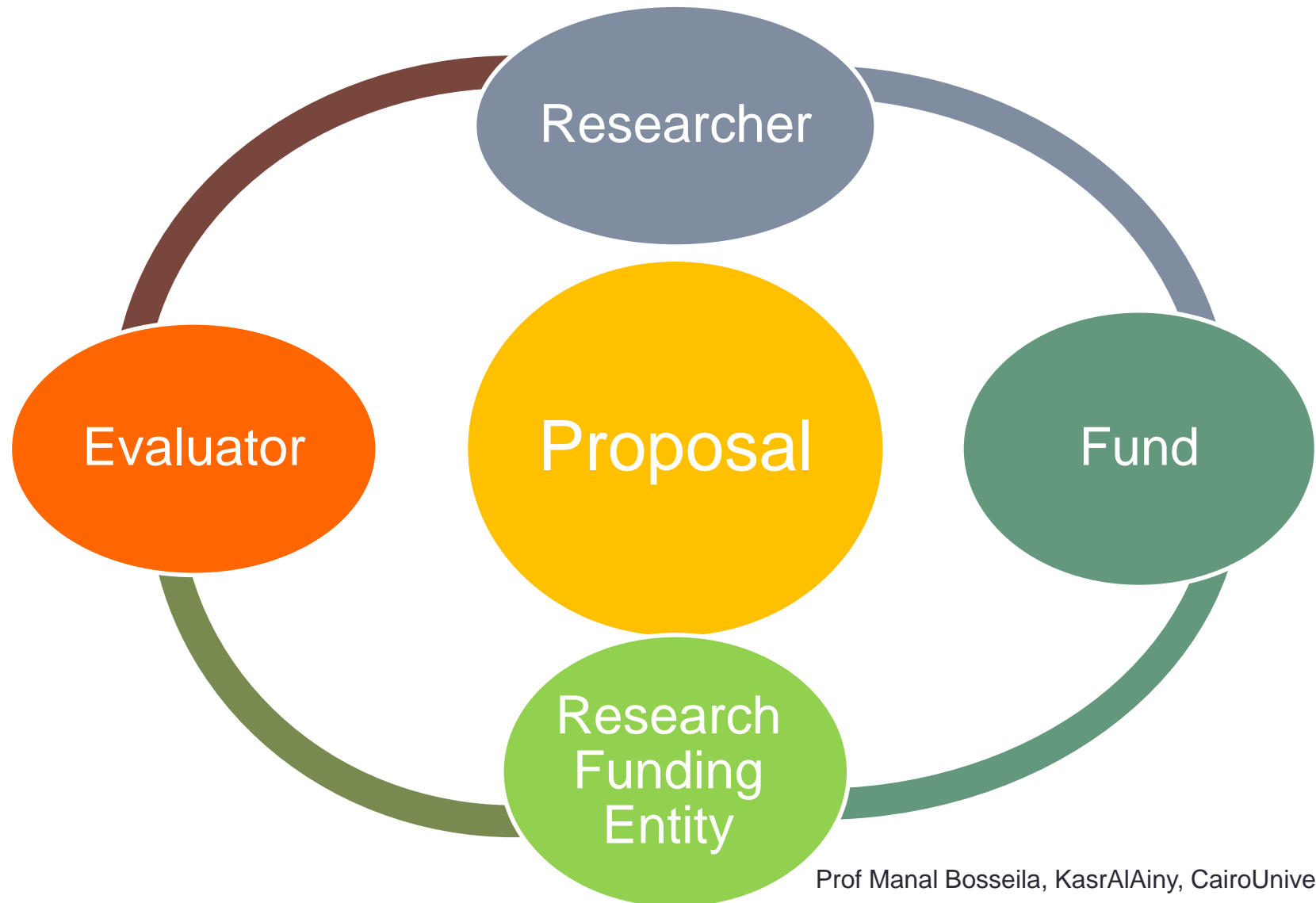
- To obtain a title
- Training
- Research stay
- Exchange



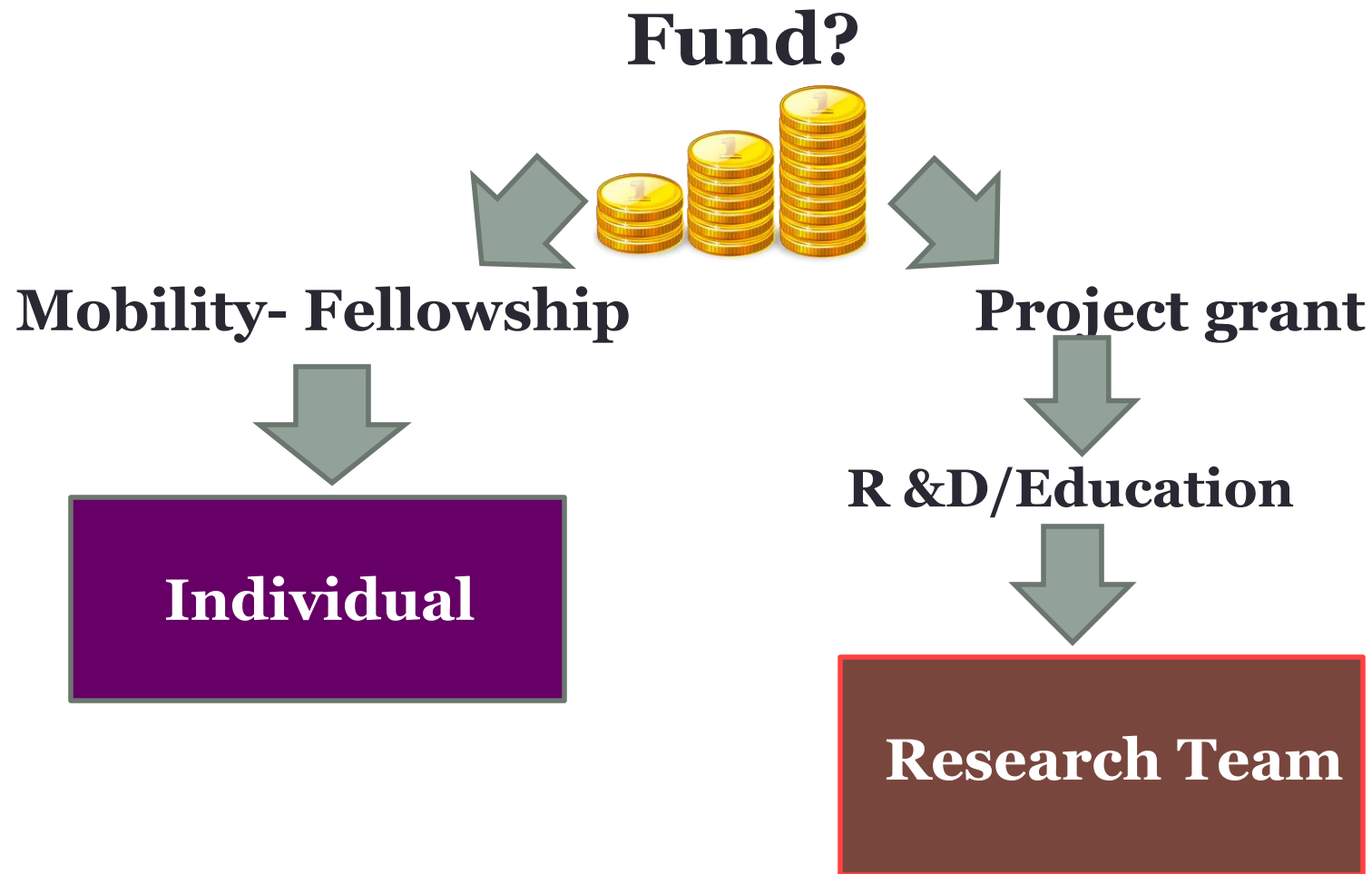
# من المقترح البحثي الى المشروع!!



# 5 Pillars of Research Funding



# How to compete for a Research Fund?



# Proposal & Evaluation



# Main Points before considering a proposal

- 1. Benefits of your project and the expected impact
- 2. Description of the project in view of the local need.
- 3. How your project is innovative





# Proposal

1. Title page
2. Abstract
3. Introduction
4. Problem Statement
5. Objective
6. Research Method: Activities
7. Expected Outcomes
8. Gantt Chart
9. Budget
10. Appendix: Endorsement letter





# Components of a Research Proposal

- Title & Acronym
  - Catchy Title, Title of research (accurate, descriptive, comprehensive),
  - Easy and interesting Acronym
- Name, position, contact info.
- Summary/Abstract

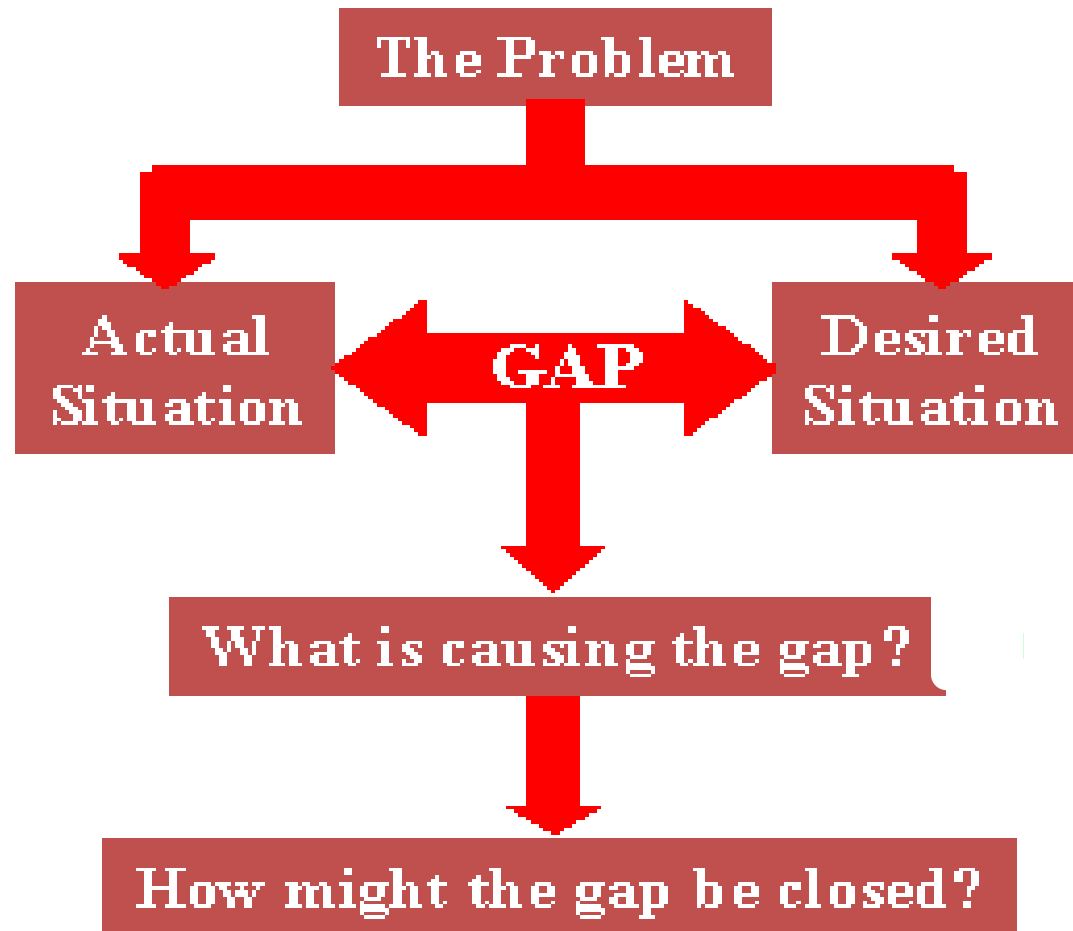


# Components of a Research Proposal

- Introduction/State-of-the-Art
  - Search recent bibliography
  - Search documents stating the interests of the funding country and how the proposal aligns with these priorities.
  - Include graphs
  - Include statistics

You must **have a baseline**, and your starting point in addressing it.  
It describes the circumstances or conditions that you want to change.

# Bridging the Gap



# Problem Statement



- Document the significance of the problem **with Data**.
- Include the problem solving which must be achievable and creates a need for some type of planned action.

# From the idea to the GOAL!

- Set a GOAL for your Project!
  - How to write the goal?



# What is a goal?

- Goals are typically broad general statements that describe what the program plans to accomplish.
- Goals:
  - ☐ Establish the overall direction for and focus of a program
  - ☐ Define the scope of what the program should achieve
  - ☐ Serve as the foundation for developing program objectives

# Set Objectives for your Project!





Specific	Measurable	Achievable	Realistic	Time-bound
Who is the target population? What will be accomplished?	Is the objective quantifiable? Can it be measured? How much change is expected?	Can the objective be accomplished in the proposed time frame with the available resources and support?	Does the objective address the goal? Will the objective have an impact on the goal?	Does the objective propose a timeline when the objective will be met?

# From the Goal to the Objectives

Common mistake:  
Exchange Objectives for Activities

develop

improve

Promote

decrease

**Use Verbs  
denoting Change**

## Main Points before writing the proposal

1. Goal
2. Objective
3. Method
4. Innovation
5. Outcome/  
Impact

## • Elevator Pitch



A word cloud centered around the words "project", "proposal", and "templates". The words are in various sizes, colors (red, black, grey), and orientations, representing concepts related to project management and proposal writing.

Key words include:

- project
- proposal
- templates
- purpose
- objective
- design
- activity
- goal
- assessment
- smart
- framework
- problem
- cause
- strategy
- stakeholder
- guidelines
- output
- logframe
- potential
- case study
- implementation
- cost
- effect
- estimating
- documentation
- indicator
- benefit
- assumption
- verification
- analysis
- evaluation
- time
- approach
- writing
- process
- description

# From the Objectives to the Activities

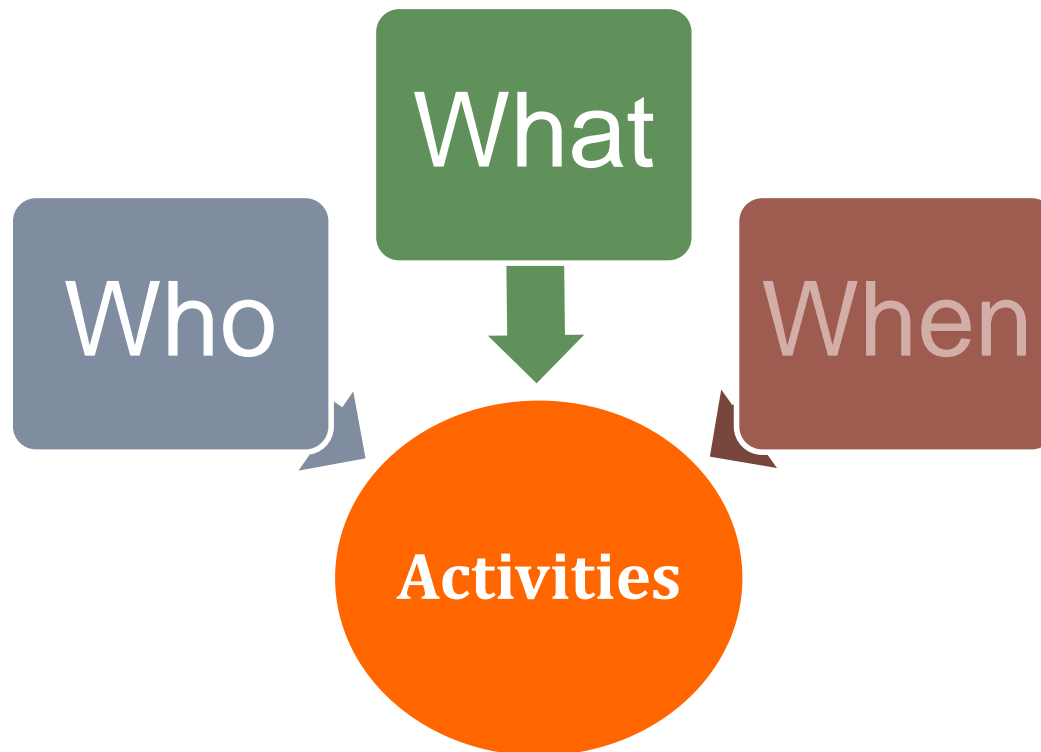


- Set Activities for each Objective!
  - How to set the activities?



# Method

It should describe your project design, and how will you will be able to achieve your objectives. •



# Work Packages

- **1- Management:**
  - Meetings
  - Follow-up
  - Corrective actions
- **5-Dissemination:**
  - Publication
  - Conferences presentations
  - Website/updating
  - Flyers/brochures

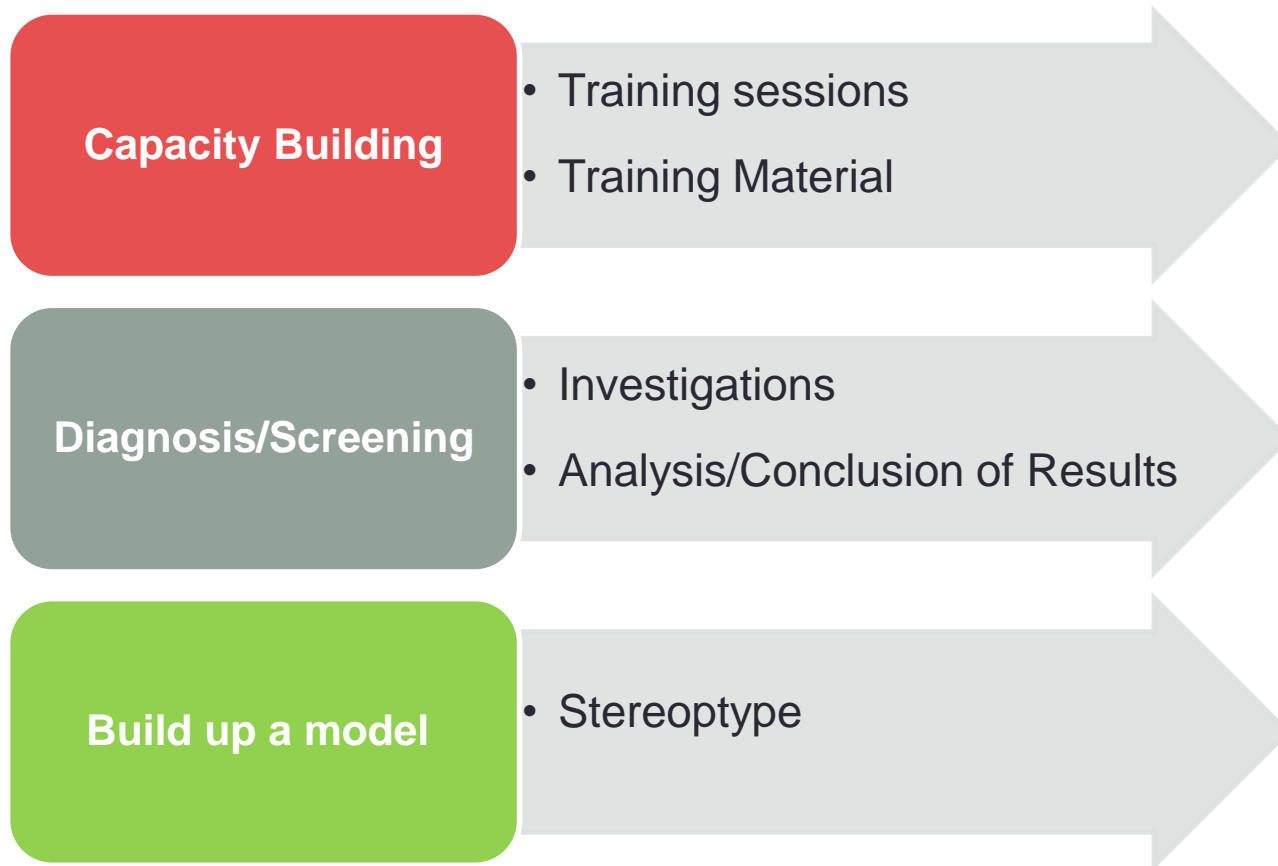
# Success of Project indicated by Deliverables

- What are the deliverables?
- Nature of deliverables.

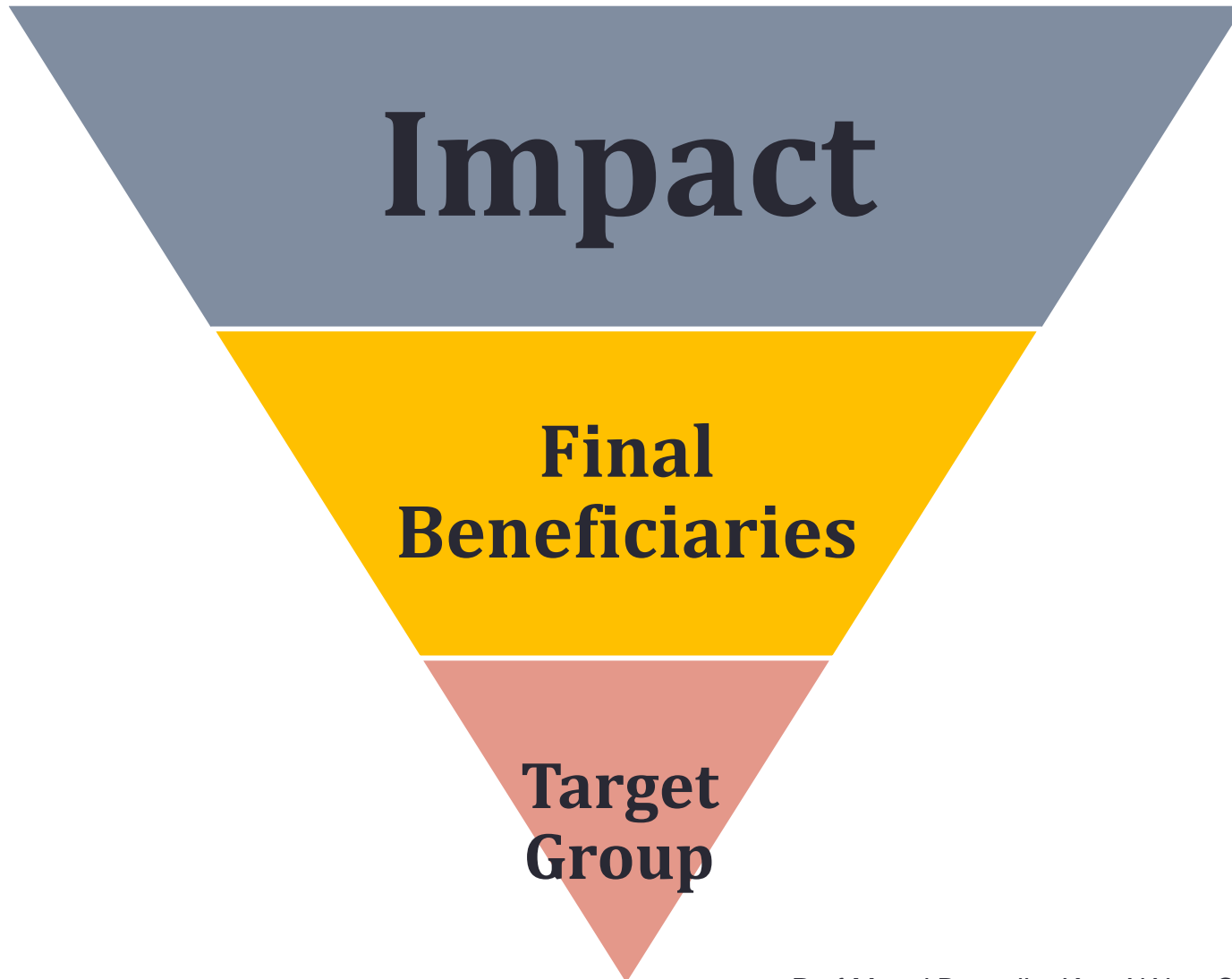




# Deliverables



# ANTICIPATED BENEFIT



# Facilities & Equipment

- The proposer should prepare a section on facilities available for the project.
- A list of adequate facilities confirms the capabilities of the proposing institution's strength in the intended field of study.

# Gantt chart

Workpack age No.	Workpackage Title/ Activity Title	Start Date	End Date	Duration (Months)	1 <sup>st</sup> Year				2 <sup>nd</sup> Year				Expected measurable outcomes as a result of successful implementation of the task
					M3	M6	M9	M 12	M 15	M 18	M21	M 24	
WP2	<b>TRAINING COURSES IMPLEMENTATION</b>												
WP2a	Module Preparation												
WP2b	Seminars for 100 trainers (5x20)												
WP2c	Training sessions 10x10												
WP3	<b>SIMULATED SKILL LAB PREPARATION</b>												
WP3a	Purchase of Equipment												
WP3b	Training of staff on equipment												
	Preparation of logbooks, written material												
WP1	<b>MANAGMENT</b>												
WP1a	Reporting												

# Financial Aspects



**Principle of non-profit**



**Incomes generated by the project must not exceed the costs.**

**All the costs must be declared with no profit margin.**

# Components of a Research Project Proposal-Financial Aspects

## Direct Costs

Costs directly addressed to the project

*E.g.*  
Working hours dedicated to the project, travels, consumables, etc.

## Indirect Costs

10-15%

They are costs that are claimed by the host institution as a compensation for costs that can't be quantified  
NO INVOICES

*E.g.:*  
Consumes of water, electricity, telephone, facilities renting, etc.

# Financial Aspects

## Financial Aspects

- Read carefully the financial guidelines
- Calculate your budget in a reasonable way
- Eligible costs vs. ineligible costs
- Direct costs vs. indirect costs
- Incentives not more than 30-40%.

Eligible costs	Break downs		STDF support (L.E.)	Total project Costs (L.E.)
(A) Incentives (Incentive per month) multiplied by number of months. Please indicate the % of time spent on the project.	PI			
	Team			
	Technicians and/or Labor			
	Consultation fees			
	Total Incentives		20000	
(B) Equipment	Equipment		30000	
	Spare parts			
	Total Equipment		30000	
(C) Expendable Supplies & Materials	Stationary			
	Miscellaneous Laboratory, Field supplies, Materials, ...etc.			
	Total expendable Supplies & Materials		16000	
(D) Travel	Transportation			
	Accommodation			
	Total travel			
(E) Other Direct Costs	Services	Manufacture of specimens & prototypes		
		Acquiring access to specialized reference sources databases or computer software		
		Fees for use of facilities in other national institutions		
		Computer services		
	Report preparation			
	Training			
	Publications & patent Costs		10000	
	Workshops organization			
	Others			
	Total other direct costs			
(F) Total Direct Costs				
(G) Total Direct Costs less Equipment				



# Incentives in detail

Eligible costs	Breakdown					Total (L.E.)
(A) Incentives	Team member	No.	% of time spent on the project	Monthly incentive	No. of months	
	PI	1				
	Co-PI	1				
	*Researcher A					
	*Researcher B					
	*Researcher C					
	Manual laborers					
	Technicians					
	Consultants					
	Total incentives					



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