



The Research management Cycle

by

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The Research management Cycle

What is a process?





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Research management...broadly

- Ask three people to define
 1. Research
 2. RM





Learning objectives

To:.....

1. Equip early career researchers /participants with the knowledge to effectively manage research programmes or projects;
2. understand what is meant by research management;
3. Know the course target audience and;
4. be aware of the course content, structure, and knowing how to assess individual progress on the course.





Define research???



1. Research in simplest terms is searching for knowledge and searching for truth (*Grover Vijey, 2015*)
2. It is a process of steps used to collect and analyze information to increase our understanding of a topic or issue
John W. Creswell, 2014
3. It is the creative and systematic work undertaken to increase the stock of knowledge

Scientific research has a goal and ultimate aim



Research management... broadly





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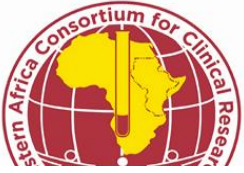
Definition of research management

It is the knowledge, principles and practices that are essential for the head of a research project and the researchers on the project to effectively manage a research project. (WEDC Loughborough University , UK)

Target groups

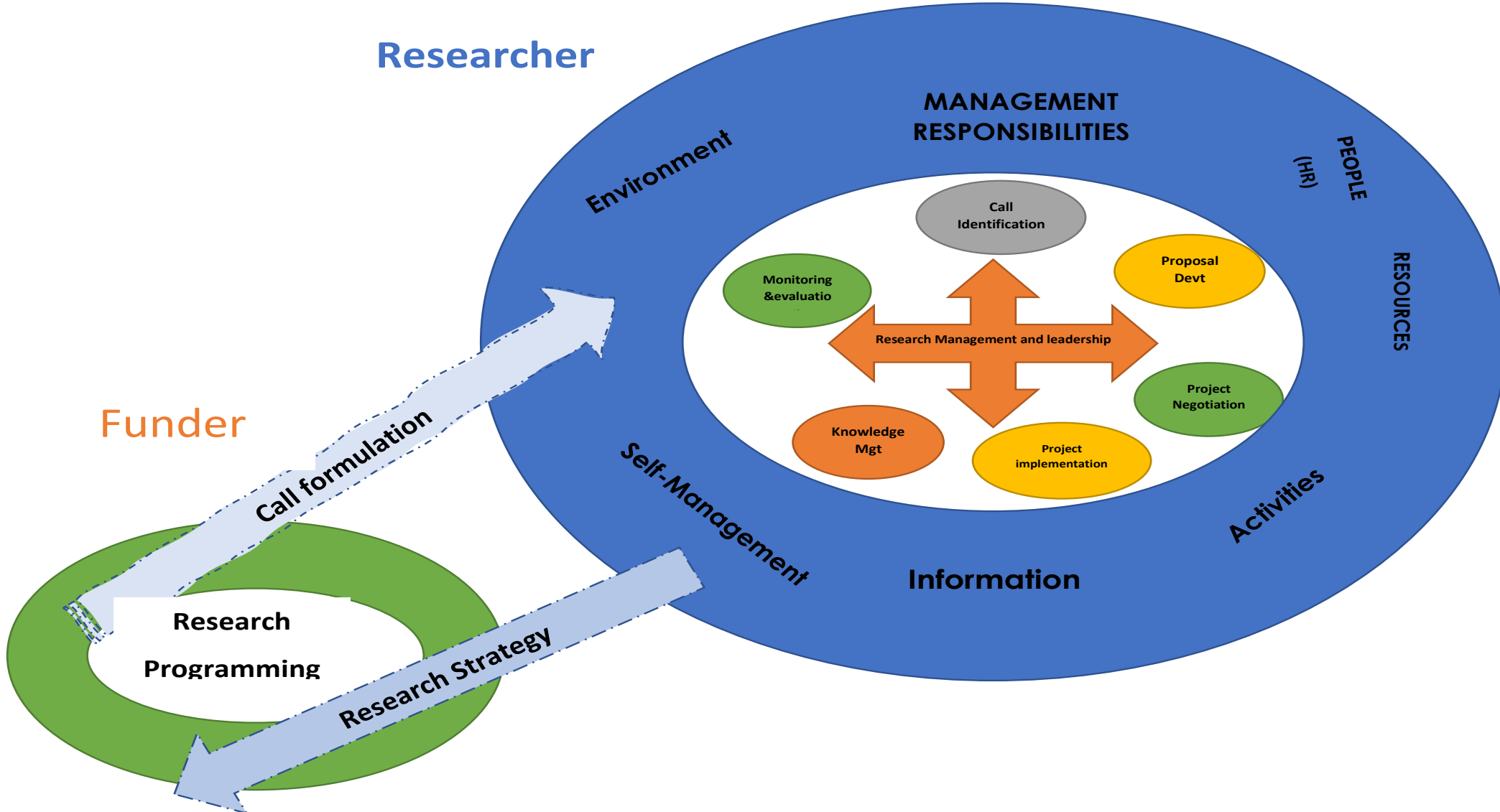
- Early career development researchers
- Those involved in a consortium/large projects/ implementing development research
- more experienced researchers,
- work package leaders or even project coordinators





Research Management cycle

Researcher



Funder



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Elements of the research management cycle

Funder

- Call formulation
- Research programming
- Research strategy

Researcher

- Mngt responsibilities
- People
- Resources
- Activities
- Information
- Self Mgt
- Environment

Research Process

- Call identification
- Proposal devt
- Project negotiation
- Project implementation
- Knowledge management
- Monitoring and Evaluation



Research management and



Funder....

- **Call formulation. Regional /Country Priorities....**(EU- Parliament) These change with time to time

e.g poverty related diseases (HIV, TB, Malaria- **EDCTP 1** vs HIV, TB, Malaria and NIDs- **EDCTP-2**)

Research programming : Research planning-Career Growth calls, Calls for Consortia and calls for senior researchers

WHO-TDR-Tropical Disease Research for (WHO-UNICEF-WB etc)

EDCTPs—

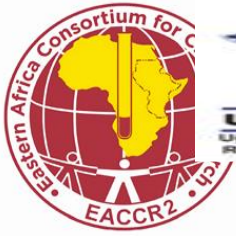
RIA -Research and Innovation Action

CSA- Conditional Support Action

CDF-Career Development Fellowships

Research strategy: Design/Approach for answering the research problems identified





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Researcher

P-PEOPLE (Human Resources/contracts)

R-Resources (funds & equipment etc)

A- Activities

I- Information (Research & project)

S- Self management

E-Environment (internal to the organization/External





Research Process

- **Call identification-** Respond to calls regularly from funding agencies. You can find all necessary information in our Call for proposals
- **Proposal devt-** All aspects of developing and building the idea, develop team, identify partners, establish roles and schedule meetings
- **Project negotiation-** This comes after the Award /confirmation that the proposal was successful. It involves developing and finalizing agreements and budgets. **Sometimes the proposal is denied! There is need to inform the team and request for reviewers comments**
- **Project implementation-** Includes all activities related to workplan /budget and timelines, including technical and financial reporting
- **Knowledge management-** The process of creating, collection, sharing, and Management of data/information obtained during/after the research
- **Monitoring and Evaluation-** the continuous and systematic collection of data for assessment of project implementation based on set targets and objectives





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Thank you





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Group work

1. What are the main steps in the research Management cycle ?
2. Discussion in your group
3. Share with other groups in plenum

