



Long Term Africa-Japan Research and Innovation Partnership

Africa-Japan Collaborative Rearch
(“*AJ-CORE*”)
on
Environmental Science

Fourth Call for Proposals
Framework and Application Guidelines

Opening Date: 5 June 2024

Closing Date: 30 August 2024
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1. Introduction

AJ-CORE is a partnership between the National Research Foundation (NRF) of South Africa and the Japan Science and Technology Agency (JST) which aims to support joint research and innovation projects in designated fields of science between researchers from Japan, South Africa and the 17 African countries whose ministries and granting councils are a participating member in the Science Granting Councils Initiative (SGCI). See [Annex I for a list of eligible African countries within SGCI](#).

The AJ-CORE call for proposals operates on a co-funding model financed by the NRF, JST, and some of the SGCI African countries. This call for proposals invites consortia composed of at least three research organisations (and/or private and public practitioners) from three different countries (i.e. South Africa, Japan and an SGCI African country) to submit project proposals for research and innovation on designated fields of science in the countries concerned. The proposal development and execution should be driven by local demand and include an approach that contributes to enhancing impact.

1.1 Objectives of the AJ-CORE

With just less than 10 years left for the world to realise the 2030 Agenda for Sustainable Development Goals (SDGs), the role of science, technology and innovation has become increasingly important. The rapid population growth and increasing access to education has created a pool of highly skilled human resources and accelerated economic growth in Africa but it has also brought other societal problems. A partnership between Africa and Japan has a great potential to contribute to the kind of sustainable global society we are all currently aiming for. AJ-CORE therefore, serves as a national and regional research platform designed to provide the knowledge needed to support transformations towards sustainability. AJ-CORE seeks to:

- build and connect knowledge to increase the impact of research;
- explore new development paths;
- enhance human capacity development in Science, Technology and Innovation;
- find new ways to accelerate transitions to sustainable development; and
- contribute to SDGs.

AJ-CORE aims to bring together partners in society to co-develop the knowledge needed to support decision-makers and societal change at all scales and in diverse contexts, by focusing on the research area contributing to resolving common problems in Africa.

1.2 Focus Research Area for fourth AJ-CORE call

Environmental science is a global, regional and national challenge that cannot be solved by one country alone. It requires multi-country partnerships, multi- and interdisciplinary research (e.g. climate change, agriculture, living environment, infectious diseases, etc.) with a range of diverse participants in a single project (while emphasising cooperation led by researchers, it is expected that the private sector and NGOs would be involved in the funded projects – at their own cost of participation). Therefore, just like in the first, second and third calls, we designate environmental science as the focus area for our fourth call. The call seeks technological solutions to the environmental factors affecting quality of life in Africa – climate change, water quality, atmosphere, geological environments, and ecosystems – and ultimately contribute to building African STI capacity and sustainability. By sharing the knowledge and experiences gained from the joint research projects, this AJ-CORE call has the potential to solve various environmental problems from the local to the global level.

Through supporting research and innovation projects in environmental science, the partnership aims to contribute to SDGs 2, 3, 6, 7, 11, 12, 13, 14 and 15.



Applications should pursue a holistic (system) approach to finding integrated solutions that can be implemented in the relevant context and should address the following aspects:

- solving of complex economic, ecological and social challenges to improve lives in a sustainable way using comprehensive system-oriented approaches;
- expected impact of research and likelihood of uptake contributes to solutions and evidence for policy change to significantly improve economies, wellbeing and resilience;

- research and innovation projects with potential impact at national or regional scales; and
- contribution to achieving the Sustainable Development Goals (SDGs)

Possible projects may, for example, include the following topics:

- *Development of climate change resilient and sustainable rice production in Africa (SDG #2)*
 - *Improving sustainable water and sanitation systems in Africa (SDG #6)*
 - *Production of Biofuels Using Biomass (SDG #7)*
 - *Development of innovative sustainable land management method to prevent desertification (SDG #15)*
-

1.3 Countries participating in the AJ-CORE

For a consortium to be eligible it should consist of researchers from at least:

- one South African institution,
- one Japanese institution and
- one institution in an SGC I African country

Please note that a proposal submitted by only South African and Japanese researchers will be considered ineligible.

African countries participating in the SGC I:

Botswana, Burkina Faso, Côte d'Ivoire, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Namibia, Nigeria, Rwanda, Senegal, Sierra Leone, Tanzania, Uganda, Zambia, and Zimbabwe. See [Annex I for information on SGC I](#).

- Both South African and Japanese researchers in the proposal must clearly indicate the benefit of co-opting a third African partner and the research activities that will be carried out in the third African partner country.
- The researchers should also indicate the type of contribution (in kind / otherwise) to be made by the 3rd / 4th / 5th / 6th African partner country.

1.4 Governance of the AJ-CORE

Both the NRF and JST take responsibility for the administration and overall management of the call (from the call publication phase to awards).

A proposal should be submitted by a South African Principal Investigator (PI) to the NRF through the NRF Online Submission System at (<https://nrfconnect.nrf.ac.za/>) before the stipulated deadline.

The same proposal should also be submitted by the Japanese PI to JST through the National Online Submission System at (<https://www.e-rad.go.jp/>) before the stipulated deadline.

Two identical copies of a proposal must be submitted to both the NRF and the JST.

Detailed information on project proposal and submission guidelines can be found in the sections below. Please note:

- Proposals received by the NRF and not submitted to JST (and vice versa) will automatically be considered ineligible.
- Submitted proposals to both the NRF and JST without a third African partner country will be considered ineligible.

When submitting your application through both the NRF and the JST Online Submission Systems, you will also need to enter some details online. Therefore applicants are advised to start submitting their applications at least one week before the deadline of this Call for Proposals. Applications that are submitted after the deadline will not be taken into consideration.

An Independent International Review Panel (IRP) consisting of experts from South Africa, Japan and some of the SGCI African countries will assess the proposals and provide advice on ranking to the NRF and JST. The NRF and JST will ensure that all parties involved in the evaluation and selection procedure and its administration, sign confidentiality and conflict of interest forms.


1.5 Budget information

The total budget for this call amounts to **2 490 000 USD**.

With the available total budget, the partners aim to fund a maximum of around five large collaborative consortia projects for not more than 36 months (3-fiscal years).

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See the table below for maximum eligible amount per funder.

Country	Funding organisation	Total funds available for the call	Maximum funding per project	Total number of projects to be funded
Botswana	Ministry of Communications, Knowledge and Technology (MCKT) 	P3,450,000.00	P1 150 000.00	Three
Côte d'Ivoire	Fonds pour la Science, la Technologie et l'Innovation (FONSTI) 	80 mil FCFA	20 mil FCFA	Four
Ethiopia	Ministry of Innovation and Technology (MInT) 	25,000,000 ETB	5000,000 ETB	Five
Japan	Japan Science and Technology Agency (JST) 	91,000,000 JPY	18,200,000 JPY	Five
Kenya	National Research Fund (NRF) 	90,000USD	45,000 USD	Two
Mozambique	Fundo Nacional de Investigação (FNI) 	300 000 USD	100 000 USD	Three
South Africa	National Research Foundation (NRF) 	R12 240 000	R2 040 000	Six
Tanzania	Tanzania Commission for Science and Technology (COSTECH) 	TSh 120 mil	TSh 120 mil	One

The above-mentioned funding organisations will each support researchers from their respective countries in a collaborative project. The contributions of the other consortium partners from other SGCI countries whether in monetary value or in kind must be captured in the proposal. See [section 3.2](#) for guidelines on budget allocation against eligible research activities.

Further to this, researchers should consult [Annex IV: Individual National Eligibility and Funding Regulations](#) for detailed information on the budget.

2. Cross-cutting issues for all proposals

2.1 Integrated and flexible research approach

The challenges addressed in this call are interrelated and multi-scalar, and to reach impact require a holistic approach that spans the entire research and innovation chain. The consortia should crosscut scientific disciplinary boundaries (interdisciplinarity) and integrate scientific and practitioners' knowledge in joint research (transdisciplinarity). Research should focus on the entire knowledge chain, from fundamental to applied and practical research. The proposed research itself should be characterised by integrated perspectives. It should evolve in a process of co-creation with different partners: researchers from South Africa and the Japan, including researchers from any of the 17 African countries whose ministries and granting councils are a participating member in the SGCI (if part of consortium), and societal partners should be actively involved throughout the entire project, in (advising on) defining and conducting the research as well as in communicating the progress and results, in order to jointly produce a mutually valued outcome. Added value may be achieved by integrating and synthesising various sources of knowledge to create new knowledge and by creating sustainability through the development of long-term knowledge relations.

Proposals should be based on a thorough review of existing knowledge and should preferably be complementary to existing research initiatives and reinforce these where possible. Project teams are encouraged to use a combination of quantitative and qualitative and quasi-experimental research methods, including operational research, and should include research-into-use approaches.

Research consortia have to adopt a flexible and stepwise research approach and project management, in order to accommodate the intermediate feedback and/or changing realities in policy and practice and to maximise the relevance, potential for use and the sustainability and scalability of results. Throughout project duration, consortia will proactively engage with relevant stakeholders, including policy dialogues. As a consequence, research protocols, planning, design, and budget may need further refinement or revision along the way to maximise the relevance and potential impact of research

findings. AJ-CORE Programme workshops are formal moments to reflect on and adapt the research process.

2.2 International Collaboration

Proposals should be characterised by equal partnership and sustainable collaboration among the South African, Japanese and SGCI African partners (if part of consortium) and with stakeholders. This includes inter-institutional cooperation, a balanced contribution to the proposed research, gender equality, a focus on capacity building and a frequent exchange between the partners and stakeholders and taking into consideration the South African transformation agenda.

2.3 Societal impact

New knowledge and insights from scientific research can make an important contribution to solutions for current and future societal issues. Examples are the energy transition or climate change. Knowledge utilisation increases the chances of research having a societal impact and is therefore an important aspect of the AJ-CORE Programme as a whole.

2.4 Impact plan approach

The research conducted in this Call for proposals should have relevance and potential for impact beyond the academic world, such as in societal, technical, economical or cultural realms. Societal impact is never solely an outcome of knowledge and insight from research. Furthermore, societal impact is often only realised in the years after a research project has been concluded. This is why, in addition to having a societal or industry partner within the consortium, consortia should consider how relevant stakeholders can be involved in, or benefit from, the design and realisation of the proposed research project.

To further enhance the potential for impact of the proposed research, the application should state how approaches for achieving impact are integrated in the research design and conducted by the consortium in engagement with end users, such as practitioners, policymakers, and industry. To this end, applicants are asked to include an Impact Plan that sets out the potential for impact of the proposed research. The Impact Plan approach to knowledge utilisation should be integrated into the research design and serves as an aid to increase the impact potential of the proposed research.

The Impact Plan consists of the following elements:

- **Productive interactions:** Exchanges between researchers and stakeholders in which knowledge is produced and valued that is both scientifically robust and socially relevant. Examples of productive interactions are: formulation of research questions and approaches jointly with

potential end-users (co-design), joint execution of research projects and interactive dialogue on research results (co-creation). Interactions can be direct/personal, indirect or financial. The quantity as well as quality of the productive interactions forms an indicator for the potential for societal impact.

- A **Theory of Change** describes how the research process can contribute to societal/economic impact, taking into account the context, actors involved and describing the sequence of logically-linked consequential relations. Developing a Theory of Change in a joint effort with research partners as well as stakeholders allows for making explicit which (and whose) problem is being tackled, and how the desired change is perceived to happen through research efforts. Projections on expected change will be based on a myriad of assumptions; documenting these assumptions allows for reflection on whether and how expected pathways to impact remain adequate or need adjustment. A Theory of Change is not fixed, but rather reflected on continuously throughout the research process. For this reason, it is also used as part of the monitoring, evaluation and learning trajectory.
- The **Impact Pathway**, which is part of the Theory of Change, is the visualisation of the change process following from research execution as described in the Theory of Change. It makes explicit how the research activities will lead to results (output) and how exchange of knowledge and the uptake of research output will contribute to desired changes in behaviour, relationships, actions and activities of partners and stakeholders (outcome) that are considered essential to achieving the desired impact.
- A **Strategic Activity Planning** spells out how the proposed productive interactions contribute to achieving outcomes. Outputs do not automatically lead to outcomes, thus strategies are needed of the research consortium to plan and monitor how their efforts will enhance the potential for outcomes. This planning should include specific activities for:
 - *Stakeholder engagement*: Who are the relevant stakeholders to engage with according to context analysis, how are the productive interactions organised and when?;
 - *Communication strategy*: How are engagement dialogues organised and results exchanged and translated, and whose responsibility is it?;
 - *Monitoring, Evaluation and Learning*: How are results of activities monitored and evaluated, such that assumptions can be tested and activities adjusted accordingly and whose responsibility is it?;
 - *Capacity strengthening*: How are required capacities (of consortium partners and stakeholders) strengthened in order to achieve the outcomes, how is this organised and whose responsibility is it?

An important part of your Theory of Change and Impact Pathway is to identify assumptions and make them explicit. This concerns assumptions of the members of the consortium as well as stakeholders. Making these assumptions explicit can help you identify where change may happen in a different way than you envision, and where you may find that you need adjustment.

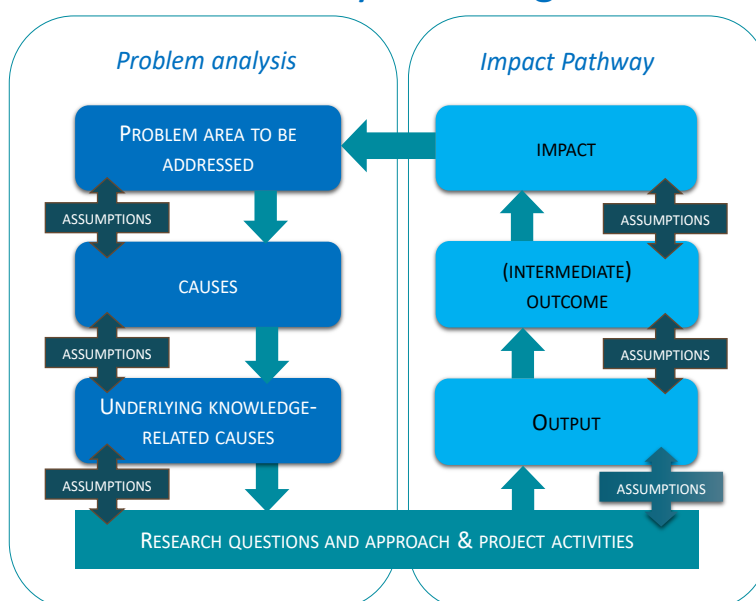
Box 1: Defining output, outcome and impact

Research outputs relate to the direct and immediate results obtained by a research project or programme.

Research outcomes relate to the changes in behaviour, relationships, actions, or activities of stakeholders as a result of sharing and uptake of research.

Research impact is defined as changes in economic, environmental and social conditions a project or programme is aiming at.

Theory of Change



See [Annex II for the format/ template to be used when completing the Impact Pathway with indicators at output and outcome level](#). A completed template should be attached as an Annex to the joint proposal.

2.5 Knowledge sharing and research uptake activities

To increase research impact the funded research projects shall contribute to the development of a comprehensive set of recommendations. Being embedded in a large Africa-Japan network, the research should involve target group and key players, including local players from the private (both for-profit and not-for-profit) and policy sector. Involving, where possible, entrepreneurs, policymakers and NGOs already during the research provides a voice to demand and facilitates scaling-up.

A certain percentage of the budget should be allocated for use for the knowledge sharing and research uptake components. Project consortia should organise activities as well as produce adequate tools

such as radio programmes, videos, training modules, policy briefs, demonstrating the results of the research and elaborating on the potential for adaptation and options for up-scaling.

Funding organisations in this programme envisage to present the knowledge sharing and research uptake tools and videos with success-stories from the funded projects at other national, regional and global platforms.

3. Eligibility criteria and funding regulations

3.1 Eligible applicants

The submission of an AJ-CORE proposal is only possible by consortia of at least three partner **Principal Investigators (PI)** from three different countries. At least two African institutions (from two different African countries – one from South Africa and the other from any of the SGC I African countries) and one Japanese institution must be part of the consortium. Next to these three required project partners, additional consortium partners from other public and/or semi-public sectors and/or industry are allowed as **Associated Partners (AP)**. Associated Partners cannot request financing from the NRF and JST, but could be funded by other Funding Agencies, either national, regional or international, including Development Banks such as the World Bank.

South African-based principal investigator

For South African applicants, the NRF eligibility criteria apply as follows:

- Only working researchers / scientists residing in South Africa and affiliated with a recognised South African public higher education or research institution such as a university, university of technology, science council or other research institution as declared by the Department of Science and Innovation (DSI) and the Department of Higher Education and Training (DHET) are eligible to apply.
- South African applicants and the HDI based co-PIs must be in possession of a PhD.
- Private higher education institutions are not eligible to apply under this programme.
- The SMEs, private companies / industries, and NGOs cannot serve as a principal investigator but can form part of the research consortium.
- South African applicants will have to submit an application to the NRF through NRF Connect at <https://nrfconnect.nrf.ac.za/> and attach the **Joint Application Form (JAF)**.
- Please consult **Annex IV: Individual National Eligibility and Funding Regulations** for further details on the NRF eligibility criteria.

Japanese-based principal investigator

For Japanese applicants, the JST eligibility criteria apply as follows:

- Any independent researcher personally affiliated with (and actively conducting research at) a domestic Japanese research institution, regardless of nationality, is eligible to apply.
- 'Domestic Japanese research institution' refers to universities, independent administrative institutions, national/public testing and Research Institutions, specially authorized corporations, public-service corporations and enterprises, etc. that satisfy requirements predetermined by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT). Please refer to the MEXT homepage for more information:
https://www.mext.go.jp/a_menu/kansa/houkoku/1324571.htm
- The Japanese applicants must also complete a research ethics training program conducted by the research institute with which the PI is affiliated, and then declare the completion of the program to JST. If it would be very difficult for the Japanese PI to undertake a program provided by his or her own affiliated institute, they should contact JST. Please note that unless applicants complete a research ethics program, his / her application will be deemed ineligible. For more details, please refer to call announcement page linked from the JST homepage.
- Japanese applicants will have to register their applications on the Cross-Ministerial R&D Management System (e-Rad: <https://www.e-rad.go.jp/index.html>).
- See **Annex IV: Individual National Eligibility and Funding Regulations** for further details.

3rd, 4th, 5th and 6th Partner principal investigator/s from any of the SGCI African countries

A 3rd / 4th / 5th and 6th partner principal investigator from any of the SGCI African countries should:

- Be a researcher from any of the public higher education and research institutions in their home country, who has an employment contract for at least the duration of the application procedure and the duration of the research grant.
- Have at least a PhD or an equivalent qualification.
- **Ministry of Communications, Knowledge and Technology** (MCKT of Botswana), **Fonds pour la Science, la Technologie et l'Innovation** (FONSTI of Côte d'Ivoire), the **Ministry of Innovation and Technology** (MINT of Ethiopia), the **National Research Fund** (NRF of Kenya), the **Fundo Nacional de Investigação** (FNI of Mozambique), and the **Tanzania Commission for Science and Technology** (COSTECH of Tanzania) as the SGCI member countries contributing financial support for their researchers within this partnership have indicated eligibility criteria in their national regulations document. See **Annex IV: Individual National Eligibility and Funding Regulations**.

Together, the consortium members should:

- formulate relevant research questions and approaches;
- formulate and submit the proposal through the principal investigators;
- conduct the project activities;
- coordinate knowledge sharing and support the application, dissemination and communication of the project results to a broader group of possible knowledge users that are not a member of the consortium; and
- take responsibility for the adequate and timely reporting conditions.

Proposals must address the thematic area supported within the framework of this call. Each PI and consortium can only submit one proposal. Consortia submitting proposals are obliged to report submission of the same or similar proposals to other funding schemes, as well as funds awarded as a result of such submission. The NRF and JST retains the right to reconsider the granting of funds should the concerned project consortium fail to report double submissions or the funds awarded as a result of such submissions.

This Call aims at knowledge chain-wide collaboration, to enhance demand articulation, ownership, and the effective uptake of results. For this reason, all consortium partners, as well as relevant stakeholders, are expected to be engaged in all phases of the project execution, from its inception to sharing the (emerging) results. Evidence of such active engagement will be an important element in the assessment of project proposals and may be demonstrated through references to involvement in project preparation, active involvement as a project partner and links between the proposed research project and ongoing projects of NGOs, private enterprises, and/or policy implementation.

3.2 Eligible activities

The funding of an individual proposal will depend on the nature and duration of the proposed activities and must be justified in terms of the resources needed to achieve the objectives of the project. The funding requested should therefore be realistically adjusted to the actual needs of the proposal, taking into account the maximum limit as indicated in [section 1.5](#) above and any other external funds.

Eligible costs depend on the *National Funding Regulations* of each funder. The following general categories may apply:

- Research-related costs
- Mobility costs (travel and subsistence expenses)
- Short-term research placements for postgraduate students
- Costs related to organisation and attendance of seminars and workshops within the project
- Costs for attending the kick-off and final workshops of all funded projects

- Acquisition of material and small-scale research equipment
- Capacity building costs (training, module presentations, etc.)
- Postgraduate scholarships / bursaries
- Knowledge sharing and dissemination

Other relevant costs may be funded according to the individual national funding regulations, while some of the items listed above may not be eligible for funding. For this reason, it is imperative that applicants take notice of the rules of the national funding organisations concerning the costs they are able to fund prior to proposal preparation. The national contact should be consulted well before the submission deadline. See [**Annex IV: Individual National Eligibility and Funding Regulations.**](#)

3.3 Obligations of Funded Projects

Consortium members are guided by the general requirements of this Call. During the granting process, a specification of requirements will be included by the funder in the grant letter for the consortium partners. The PIs are responsible for ensuring the consortium meets all the general obligations.

3.3.1 Letter of Intent

For research partnerships to be effective, they have to be fair. A Letter of Intent (LOI) is obligatory and should be signed by all consortium partners prior to submit the joint proposal. This LOI is to confirm that a researcher understands his or her responsibilities in the consortium.

3.3.2 Published information on granted projects

A list of the funded projects will be published after granting and updated during the execution of the projects. Therefore applicants should be aware that the following information from the proposals will be published by the NRF and JST:

- Project title and project acronym;
- Duration of the project;
- Total funding of the project;
- Name of the project PIs (including contact information i.e. email and telephone number);
- Country, organisation and name of each partner;
- A short publishable summary of the project.

This information will be updated with an annual progress summary, activities and output. Projects are expected to provide this information in their reporting.

4. Application Procedure

Only submissions through the official NRF Connect <https://nrfconnect.nrf.ac.za> and the Japanese National Online Submission System <https://www.e-rad.go.jp/> will be accepted.

Researchers from the third and fourth partner countries do not have to submit their proposals through to their funding organisations (i.e. FNI Mozambique, MCKT Botswana, FONSTI Côte d'Ivoire, MInT Ethiopia, NRF Kenya and COSTECH Tanzania). The NRF and JST will ensure that the funding organisation has access to all submitted proposals.

Proposals sent by mail, e-mail, telex, or facsimile will be rejected without further notice. All proposals must be submitted by the Principal Investigators before the deadline. Once finally submitted, changes to the proposal will no longer be possible. Delayed proposals and/or proposals submitted outside this deadline will be considered non-eligible.

After submission by institutions, proposals will first be screened by the NRF and JST for the following general eligibility criteria. Each proposal must:

- be complete according to the rules and in line with the required proposal structure described in the guidelines;
- conform to the scope and the thematic focus of the call;
- be submitted by at least 3 applicants (2 African (South African + other) and 1 Japanese) from 3 different countries;
- South African applications from historically advantaged institutions must have a co-applicant from a historically disadvantaged institution;
- comply with the maximum allowed duration of three fiscal years (36 months);
- comply with the funding requirements, including those of the funders;
- comply with the terms of the submission procedure;
- be submitted in English;
- be submitted electronically using the National Online Submission Systems of South Africa and Japan; and
- meet the submission deadline.

4.1 Structure of the Proposal

See [Annex III for details on this.](#)

Applicants are required to follow the structure as outlined in the NRF and JST Online Submission Systems. Only applications submitted with the correct template and in the correct format will be allowed into the procedure. The online submission systems will require more/less information on:

Part.1 General Information

1. Title of the collaboration project
2. Acronym of the collaboration project
3. Contribution to SDGs
4. Keywords
5. Publishable summary of research project
6. Budget overview for whole duration (3 fiscal years)

Part.2 Project team members

Part.3 Project description

Part.4 Impact Pathway with indicators at output and outcome level

Part.5 Budget plans

Part.6 CVs

Refer to [Annex III for the required attachments.](#)

5. Evaluation and selection procedure

The fundamental principles governing the evaluation of project proposals are:

- **Transparency.** The process for reaching funding decisions will be clearly described and available to any interested party.
- **Equality of treatment.** All proposals shall be treated alike, irrespective of where they originate from or the identity of the proposers.
- **Ethical considerations.** Any proposal that contravenes fundamental ethical principles of a funding organisation may be excluded from being evaluated and selected at any time.

The evaluation and selection procedure will be monitored by independent observers invited by the NRF and JST.

5.1 Evaluation process

A proposal that has been deemed eligible by both the NRF and the JST will be submitted for review. Both the NRF and the JST shall submit, in parallel, eligible proposals to their national experts who will assess the proposals remotely and submit reviewers' reports. These reviewed proposals and their accompanying reviewers' reports will be submitted to an Independent International Joint Review Panel for final recommendation.

5.2 Criteria for evaluating proposals

The Independent International Joint Review Panel will assess all eligible proposals based on the following criteria:

I. Excellence of the project:

- Strong potential to generate new knowledge, insights and/or innovations and sufficient complementarity to other research programmes.
- Adequacy of the research approach including the robustness of the conceptual framework and experimental set-up and the coherence of the hypotheses, research questions and methods.
- Clear alignment of the proposed research scope with the thematic focus of the Call.
- Disciplinary and/or interdisciplinary value add.

II. Expected Impact of the project:

- Clear rooting of the proposal in the demands of partners and/or stakeholders, including appropriate integration of gender and youth.
- Quality and feasibility of the research impact pathway with indicators.
- Adequate potential for uptake/application of results including quality of the knowledge sharing approach with appropriate stakeholder engagement, HCD and communication strategy.

III. Quality and efficiency of the implementation:

- Complementarity, range and level of integration of the consortium and research team, appropriate for implementing the proposed research project.
- Adequacy and feasibility of the research methodology/approach and activities, in relation to research questions and objectives as well as the related work plan.
- Adequacy, feasibility and coherence of the various activities to enhance impact, in particular by influencing national and/or regional policies.

5.3 Timetable

Dates	Activities
05 June 2024	Launch of the AJ-CORE 4 th Call for Proposals.
June-July 2024	Call Webinar
30 August 2024	Deadline for submission of applications to NRF and JST.
November 2024	Independent International Joint Review Panel Meeting.
January 2025	Funders' Meeting
February 2025	Official approval of the winner selection by each FA by the end of February
March 2025	Research contracts concluded with all institutions by the end of March
April 2025	Start of Joint Projects
May 2025	Kick-off workshop with all the funded projects. This workshop will be hosted jointly with the closing workshop of AJ-CORE Call 2 projects and the mid-term review workshop of AJ-CORE Call 3. The host of the workshop will be confirmed at a later stage. Projects consortia are also encouraged to use this opportunity to have their own individual project meetings.
May 2026	Mid-term workshop with all the funded projects (host and venue to be confirmed)
February 2028	Closing workshop with all the funded projects (host and venue to be confirmed).
March 2028	Deadline for consortia to submit final project reports.

Funding organisations reserve the right to change the above-mentioned dates (and location) at any stage

6. Important Contact Details for Queries

Consortium partners of proposals selected for funding will have to follow national/institutional procedures after a positive funding decision by NRF and JST. It is also advisable to contact your funding body as soon as possible in case your proposal is granted, to discuss the national requirements that have to be met before the start of the project.

For specific content-related questions please contact:

NRF Contact Person	JST Contact Person
Themba Ngomane +27 12 481 4267 T.Ngomane@risa.nrf.ac.za	ASANO Masato, MASUZAWA Tsuyoshi, SHIRAISHI Junko +81 3 5214 7375 jointza@jst.go.jp

Technical questions about the online submission systems contact:

For technical questions on the NRF Connect <https://nrfconnect.nrf.ac.za/> please contact the NRF Support Desk on email: supportdesk@nrf.ac.za and tel. +27 12 481 4202.

For technical questions on the National Online Submission System <https://www.e-rad.go.jp/> please contact the Help desk at 0570-057-060 (Available 9:00 am 6:00 pm). If you cannot Navi Dial, you can reach them on the direct line below 03-6631-0622 (direct line).

Contact details: SGCI member countries contributing financial support for their researchers.

SGCI Member Country	Contact Person
Botswana Ministry of Communications, Knowledge and Technology (MCKT)	Abraham Mathodi amathodi@gov.bw / +267 3612030
Côte d'Ivoire Fonds pour la Science, la Technologie et l'Innovation (FONSTI)	Annette Lhaur-Yaigaiba OUATTARA annetteouattara@yahoo.fr / +225 03635199/ +22) 0778266858
Ethiopia Ministry of Innovation and Technology (MInT)	Habtamu Goshu habtamu2016@yahoo.com / +251979022338
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Long Term Africa-Japan Research and Innovation Partnership
AJ-CORE 4th Call for Proposals 2024

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Call Annexes:

- **Annex I:** Information on the Science Granting Councils Initiative (SGCI)
- **Annex II:** Format for Impact Pathway with indicators at output and outcome level
- **Annex III:** Structure of the proposal (details)
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Annex I

Information on the Science Granting Councils Initiative (SGCI)

The Science Granting Councils Initiative (SGCI) is a multi-funder initiative that aims to strengthen the capacities of 18 science granting councils in Sub-Saharan Africa in order to support research and evidence-based policies that will contribute to economic and social development. Launched in April 2015, the Initiative contributes to strengthening the ability of science granting councils to manage research; design and monitor research programmes based on the use of robust science, technology and innovation indicators; support knowledge exchange with the private sector; and strengthen partnerships between Science Granting Councils and other science system actors.

The Initiative is being implemented mainly through on-site coaching and mentoring, few regional training workshops by a number of specialist organisations, and support for collaborative research projects. This Initiative was designed on the premise that more effective Councils will strengthen national science systems and lead to nationally led research that contributes to development in participating countries.

The Initiative is currently supported and funded by the United Kingdom's Department for International Development (DFID), the Canadian International Development Research Centre (IDRC), the Swedish International Development Cooperation Agency (Sida), and the South African Department of Science and Technology, the National Research Foundation, and the German Research Foundation (DFG). There are 17 African countries participating in the Initiative representing East, West and Southern African regions as follows:

SGCI Participating Countries in East Africa	SGCI Participating Countries in Southern Africa	SGCI Participating Countries in West Africa
1. Ethiopia	6. Botswana	12. Burkina Faso
2. Kenya	7. Malawi	13. Côte d'Ivoire
3. Rwanda	8. Mozambique	14. Ghana
4. Tanzania	9. Namibia	15. Nigeria
5. Uganda	10. Zambia	16. Senegal
	11. Zimbabwe	17. Sierra Leone

For more detailed information on the SGCI please visit the website: <https://sgciafrica.org/>.

Annex II

Format for Impact Pathway with indicators at output and outcome level (max. 2 page)

Research outputs	Indicators

Research outcomes	Indicators

Impact

Note: Outputs, outcomes and impacts need to be given with information when they are expected to happen in time.



Annex III

Structure of the proposal (details)

		Consortium members								
		Required						Optional		
		PIs(s)						PI(s)		Associ- ated Partners
		South African based PI	South African based co-PI	Japanese based PI	Japanese based co-PI	3 rd African country PI	3 rd African country co-PI	4 th / & 5 th (>) African country PI	4 th , 5 th , 6 th (>) African country Co-PI	
Joint Pro- posal form	Part.1 General information			Part.1 -4: Req as consortium (prepared by all consortium members)						
	Part.2 Project team members									
	Part.3 Project description									
	Part.4 Impact Pathway with indicators at output and outcome level									
	Part.5 Budgets plan	Req as South African team		Req as Japanese team		Req as 3 rd African country team		Req as 4 th / 5 th / 6 th African country team		N/A
	Part.6 CVs	Req	Opt	Req	Opt	Req	Opt	Req	Opt	Opt
	Annex.1 Letter of Intent	Req as consortium (signed by all Principal Investigators in the consortium.)								
	Annex.2 Institutional endorsement Letter	N/A	N/A	N/A	N/A	Req	Req	Req	Req	Req
	Annex.3 Information on 3 rd , 4 th & 5 th Principal Investigator/s	N/A	N/A	N/A	N/A	Req (3 rd , 4 th , 5 th & 6 th partner/s only)	N/A	N/A	N/A	N/A

Annex IV

Individual National Eligibility and Funding Regulations

SOUTH AFRICA

National Research Foundation (NRF)



Who can apply?

Only working researchers/scientists residing in South Africa and affiliated with a recognised South African public higher education or research institution such as a university, university of technology or science council are eligible to apply. Researchers based at private higher education institutions are not eligible to apply under this programme. Researchers from SMEs, private companies/industries, and NGOs cannot serve as a PI but can form part of the research consortium. NGO and/or industry/ SME participants are expected to meet their own participation costs in the joint project. South African applicants and the HDI based co-PIs must be in possession of a PhD.

It is “**mandatory**” for South African PIs based at historically advantaged institutions (and science councils) to include, as part of the consortium, a research partner from a historically disadvantaged institution. Proposals submitted by an applicant based at a historically advantaged institution without a research partner from a historically disadvantaged institution will be ineligible (and will not be submitted for review). The research collaborator from the historically disadvantaged institution in this case will serve as a co-applicant in the proposal.

Applicants based at historically disadvantaged institutions including those based at the two new universities, i.e. the Sol Plaatje University (SPU) and the University of Mpumalanga (UMP), can act as PIs and submit proposals without the involvement of and/or partnering with researchers based at historically advantaged institutions if they so wish. Please note that only the following eight universities are currently recognised as historically disadvantaged in line with the Department of Higher Education and Training November 2019 Ministerial Statement on university funding: University of Limpopo (UL), University of Fort Hare (UFH), University of Venda (Univen), Walter Sisulu University (WSU), University of the Western Cape (UWC), University of Zululand (UniZulu), Mangosuthu University of Technology (MUT), and Sefako Makgatho Health Sciences University (SMU).

In terms of human capital development, PIs are encouraged to ensure the involvement of young scientists (i.e. doctoral and postdoctoral students) and pay attention to gender equality (a balanced involvement of female and male researchers) and previously disadvantaged individuals.

<p>What type of activities are eligible for funding?</p>	<p>NRF funds can be used to cover the following costs:</p> <p>Research-related costs - activities to be supported may include expenses relating to field work such as conducting interviews, surveys, laboratory experiments, research-related trips, small equipment (consumables), etc. Airfare, accommodation, ground transport and subsistence should be calculated using rates as stipulated in institutional travel policies.</p> <p>Postdoctoral research support – funds within this programme make provision for one postdoc position equivalent to the NRF Freestanding postdoctoral fellowships. Therefore, PIs are expected to supervise and mentor a postdoctoral researcher who should be allowed to conduct research, either on a pre-specified aspect of the joint project or on their own designed topic within the joint project and should be supported to publish the work. The responsibilities of this position may also include assisting the PI with the management and administration of the joint project. The postdoctoral fellows should be prepared to become principal investigators so they also take on senior responsibilities like mentoring, grant writing, and teaching.</p> <p>Reciprocal research visits/ mini sabbaticals by young researchers - the placements should enable the postgraduate students within the project to learn valuable new skills or techniques; access facilities or resources not readily available at home; build relationships with potential new collaborators; and advance complementary collaborative research. The duration of each placement is expected to be 3-6 months with flexibility to split the placement into several shorter visits. Longer placements may be undertaken where this would add value and these should be justified within the application. Placements must enhance, not replace, the standard training and study support that the postgraduate students receive. These placements must be managed to fit within the original funded period of the studentship. Additional funding will not be made available through this Call to support studentship extensions for those undertaking international placements. Applicants should include information about how these reciprocal research visits will be managed. Funds within this programme can only be used for these reciprocal research visits/ mini sabbaticals and not for scholarship/ bursary/ students fees. The honours are on the PIs (and doctoral students) to secure funding for educational expenses of participating students. Doctoral students are hereby advised to apply for scholarship through the NRF call for Student Support which opens in April each year.</p> <p>Knowledge sharing costs (science engagement) - in support of project-related activities, such as joint workshops, seminars, conferences, symposia, lecturer presentations, meetings, local and regional dissemination of results to relevant stakeholders.</p> <p>AJ-CORE workshops: It's mandatory for researchers to make budgetary provisions (travel and accommodation) to participate at workshops organised by AJ-CORE funders as part of the reporting requirements (i.e. kick-off and final workshops).</p>
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	<p>NRF funds can only be used to support research activities executed by the South African members of the consortium. The following will NOT be funded from the NRF grant allocation: consultant's fees, project management fees, and large equipment (costing more than R200 000). Educational expenses (scholarships/ bursaries/ student fees/ educational expenses, etc.) cannot be covered from the research costs. Doctoral students in need of financial support are advised to apply for scholarship through the NRF call for student support which opens the beginning of April each year.</p>
<i>Funding limits for eligible activities</i>	<p>The total amount requested from the NRF should not exceed R2 040 000 mil per project. Funding will be made available for a maximum of 3 years, to be paid in annual instalments (R680 000 per annum per project) and exclusively for research activities commencing in 2025. The funds per project have to be utilised as follows:</p> <p>R1.3 mil per project for research activities, mobility costs of the research team, doctoral research placements, small equipment, knowledge sharing costs, etc.</p> <ul style="list-style-type: none"> ▪ R740 000 for 1 postdoctoral position at R370 000 per annum for 2-years (R320 000 non-taxable stipend, R50 000 contribution towards research costs, and R15 000 compulsory institutional contribution).
<i>Additional requirements</i>	<p><u>Science Engagement</u></p> <p>Science engagement refers to scientific and initiative activities, events, interventions, or interactions characterised by mutual learning and dialogue among people of varied backgrounds, scientific expertise, and life experiences, who articulate and discuss their perspectives, ideas, knowledge, and values. It is an overarching term for all aspects of public engagement through suitable communication channels with science, science awareness, science education, science communication, and science outreach, aiming to develop and benefit individuals and society. The NRF supports science engagement by coordinating and implementing the Department of Science and Innovation's Engagement Strategy. The strategy embraces a broad understanding of science, encompassing systematic knowledge spanning (natural and physical sciences, engineering sciences, medical sciences, agricultural sciences, mathematics, social sciences and humanities, and technology) all aspects of the innovation chain and indigenous knowledge. Therefore, researchers funded through the NRF programmes must contribute to science engagement and report the related outputs in their project's progress report.</p> <p><u>Intellectual Property</u></p> <p>The researchers of each country, particularly the leaders, must take adequate steps to ensure protection and sharing of the intellectual property that could result from the joint projects.</p> <p><u>Ethical Considerations</u></p> <p>In conjunction with the institution, it is the responsibility of the grant-holder to ensure that all research activities carried out in or outside South Africa comply with the laws and regulations of South Africa and/or the foreign country in which the research activities are conducted. These include all human and animal subjects, copyright and intellectual property protection, and other regulations or laws, as appropriate. A research ethics committee must review and approve the ethical and academic rigor of all research prior to the commencement of the research and acceptance of the grant. The</p>

	<p>awarded amount will not be released for payment if a copy of the required ethical clearance certificate, as indicated in the application, is not attached to the Conditions of Grant. Please also refer to the “Statement on Ethical Research and Scholarly Publishing Practices” on the NRF website at https://www.nrf.ac.za/statement-on-ethical-research-and-scholarly-publishing-practices/.</p> <p><u>Protection of personal information</u></p> <p>The National Research Foundation ensures compliance with the Protection of Personal Information Act (POPIA), Act 4 of 2013, committing to ensure the privacy of those submitting applications and proposals to the NRF on the NRF Connect (https://nrfconnect.nrf.ac.za/). The National Research Foundation will protect the personal information provided by applicants or the third party against misuse, loss, unauthorized access, modification, or disclosure. The Privacy Policy of the NRF outlines the practices relating to the protection of personal information and can be accessed on the NRF website at https://www.nrf.ac.za/privacy-policy.</p>	
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JAPAN

Japan Science and Technology Agency (JST)



Who can apply?	<p>Any independent researcher personally affiliated with (and actively conducting research at) a domestic Japanese research institution, regardless of nationality, is eligible to apply.</p> <p>'Domestic Japanese research institution' refers to universities, independent administrative institutions, national/public testing and Research Institutions, specially authorized corporations, public-service corporations and enterprises, etc. that satisfy requirements predetermined by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT). Please refer to the MEXT homepage for more information: https://www.mext.go.jp/a_menu/kansa/houkoku/1324571.htm</p> <p>Refer to Section 3.1 of this document for eligibility criteria of Japanese applicants.</p>
What type of activities are eligible for funding?	<p>JST funds can be used to cover the following direct and indirect costs:</p> <p>Eligible direct costs:</p> <p>In principle, eligible direct costs are those costs directly necessary for accomplishing the research, indicated below. Please refer to the guidance documents available at the following link for further details of eligible direct costs (available in Japanese only). https://www.jst.go.jp/contract/index2.html</p> <p>(a-1) Facilities, Equipment and Consumables: costs of research equipment, spare parts, prototypes, software (in-line products) and purchase of books, reagents, materials and consumables.</p> <p>(a-2) Travel Expenses: costs and associated living expenses of the project members registered in the project plan, and costs of inviting external experts.</p> <p>(a-3) Personnel costs: costs of the researchers, temporary staff, post-docs, etc., who are hired for the research and other costs such as honoraria for invited lecturers.</p> <p>(a-4) Others: costs for the organisation of small scientific events in Japan including rental costs for the venue, food & beverage (excluding alcohol) costs and other costs which are deemed to be necessary for organizing the event. Expenses for creating software, renting or leasing equipment, transporting equipment, etc.</p> <p>Eligible indirect costs:</p> <p>Please refer to the following link for the provisions regarding indirect costs: https://www8.cao.go.jp/cstp/compefund/shishin2.pdf (available in Japanese only)</p>
Funding limits for eligible activities	<p>JST will support 18.2 million yen per project in total. Please be noted that 18.2 million yen includes overhead cost (30% of direct cost). The budget for a project may differ each</p>

Long Term Africa-Japan Research and Innovation Partnership on Environmental Science
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	year, depending on the content of activities. The amounts will be adjusted each year due to the budgetary limitations for this program.	
Additional requirements	Japanese application form In addition to a joint proposal, Japanese application form should be submitted by the Japanese PI to JST through the National Online Submission System at (https://www.e-rad.go.jp/) before the stipulated deadline.	
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	Full address	7, Gobancho, Chiyoda-ku, Tokyo 102-0076 Japan

BOTSWANA

Ministry of Communications, Knowledge and Technology (MCKT)



<p>Who can apply?</p>	<ol style="list-style-type: none"> 1. Researchers and scientists affiliated to a local national research and technology Organisation, institution, consortia, association, trust, company established and registered through an Act of Parliament or registered with the appropriate authorities such as Registrar of Societies; Deeds Registry; and Companies and Intellectual Property Authority. 2. Principal Investigators for each proposal must have a minimum qualification of a Master's degree or equivalent. 3. Each project team must have at-least one (1) female researcher 4. Each project must have at-least one (1) early career scientists (35 years and below). 5. Each project must support at least one (1) Post Graduate student. Priority will be given to citizens of Botswana. 6. The research team must comprise researchers registered under the Botswana National Research Information Management Systems (RIMS) at www.rims.gov.bw
<p>What type of activities are eligible for funding?</p>	<p>Research-related costs: Activities to be supported may include expenses relating to field work such as conducting interviews / surveys / laboratory experiments, research-related trips, small equipment (consumables), etc.</p> <p>Exchange programmes: To support short-term mobility or travel expenses (i.e. transport and accommodation costs) of the research team between the partnering countries.</p> <p>Doctoral research placements: The placements should enable the postgraduate students within the project to learn valuable new skills or techniques; access facilities or resources not readily available at home; build relationships with potential new collaborators; and advance complementary collaborative research.</p> <p>Knowledge sharing costs: In support of activities organised by the partners, such as joint workshops, seminars, conferences, symposia, lecture presentations, capacity building sessions, meetings, local/regional dissemination of results aimed at involving stakeholders, and/or end-users from outside the consortium.</p> <p>AJ-CORE workshops: Budget to participate at workshops organised by AJ-CORE funders as part of the reporting requirements (i.e. kick-off, mid-term review and final workshops).</p>

	Funds from the Ministry of Communications, Knowledge and Technology will only be used to support researchers from Botswana institutions. The following will NOT be funded from the allocation: (1) consultant's fees and project management fees, and (2) large Equipment (costing more than P100 000.00).	
Funding limits for eligible activities	<p>MCKT will support a maximum of three (3) projects at P1 150 000.00 per project. The funds will be available for a maximum of three (3) years, to be paid in annual instalments per project.</p> <p>The funds per project have to be utilised as follows:</p> <ul style="list-style-type: none"> • P 1 million per project for research activities, mobility costs of the research team, doctoral research placements, small equipment, knowledge sharing costs, etc. • P150 000.00 for post graduate support <p>Please note that the funds include overhead costs (10% of direct cost). The budget for a project may differ each year, depending on the content of activities.</p>	
Additional requirement	<p>Science Engagement: Botswana launched the National Strategy for Science Communication and Public Engagement in 2022. The Strategy serves as a vehicle to make knowledge accessible to every citizen of Botswana. The main motivation for the strategy seeks to close some of the gaps between the current situation and attainment of an informed society as regards meaningful participation in research and innovation. The Strategy is anchored on the core values of Inclusivity, Integrity, teamwork and Partnership. The researchers are therefore encouraged to ensure compliance to the stipulations of the Strategy by engaging all stakeholders, primarily the communities in their research activities.</p> <p>Intellectual Property: The researchers, must take adequate steps to ensure protection and sharing of the intellectual property that could result from the joint projects.</p> <p>Ethical Considerations: In conjunction with the institution, it is the responsibility of the grant-holder to ensure that all research activities carried out in or outside Botswana comply with the laws and regulations of Botswana and/or the foreign country in which the research activities are conducted. A research ethics committee must review and approve the ethical considerations of all research prior to the commencement of the research and acceptance of the grant. The awarded amount will not be released for payment if a copy of the required ethical clearance certificate, is not attached to the Conditions of Grant/Contract.</p>	
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KENYA

National Research Fund (NRF)



Who can apply?	<ul style="list-style-type: none"> ▪ Kenyan public and private research centers and institutes, training institutions, departments of R&D, industrial establishments and relevant implementing bodies are eligible to apply. ▪ Applicants must have wide knowledge and experience in the National Research Priority areas. ▪ The applicants must have demonstrated competence and experience in their grant application areas. ▪ Applicants must be in possession of at least a master's degree or equivalent experience in a relevant area or be innovators recognized by the Kenya National Innovation Agency; ▪ The Principal Investigator must be a Kenya citizen. ▪ Non Kenyans may apply under a Kenyan Principal Investigator. ▪ All applicants must be affiliated to a recognized Kenyan research institution and in case of a university or research institution, they must not be on an extended unpaid leave. ▪ Partnering and collaborative institutional or corporate entities must formally indicate their willingness to release staff involved in the project, provide the facilities to implement the project, or indicate how the facilities will be used.
What type of activities are eligible for funding?	<p>Research-related costs:</p> <p>Researchers may request for funds for the following categories of expenditure:</p> <ul style="list-style-type: none"> • Daily Subsistence Allowance for field activities for professional and non-professional personnel; • Research equipment; • Consumables; • Essential infrastructure/upgrading; • Costs of prototype production; • Project management costs must not exceed 7.5%; • Project mobility costs must not exceed 20% of the total budget.
Funding limits for eligible activities	<p>The total amount requested from the NRF-Kenya should not exceed (USD 4,500[KES 589500]) per project. Funding will be made available for a maximum of 3 years.</p>
Additional requirements	<p>Intellectual Property: The researchers of each country, particularly the leaders, must take adequate steps to ensure protection and sharing of the intellectual property that could result from the joint projects.</p> <p>Ethical Considerations: In conjunction with the institution, it is the responsibility of the grant-holder to ensure that all research activities carried out in or outside Kenya comply with the laws and regulations of Kenya and/or the foreign country in which the research</p>

	activities are conducted. These include all human and animal subjects, copyright and intellectual property protection, and other regulations or laws, as appropriate. A research ethics committee must review and approve the ethical and academic rigor of all research prior to the commencement of the research and acceptance of the grant. The awarded amount will not be released for payment if a copy of the required ethical clearance certificate, as indicated in the application, is not attached to the Conditions of Grant. Please also refer to the NRF-Kenya website. www.nrf.go.ke	
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MOZAMBIQUE

Fundo Nacional de Investigação (FNI)



<p>Who can apply?</p>	<p>Only working researchers/scientists residing in Mozambique and affiliated with a recognised Mozambican public higher education or research institution such as a university, university of technology or science council are eligible to apply. Researchers based at private higher education institutions are eligible to apply under this programme. Researchers from SMEs, private companies/industries, and NGOs cannot serve as a. NGO and/or industry/ SME participants are expected to meet their own participation costs in the joint project. Mozambican applicants and the HDI based co-PIs must be in possession of a PhD.</p> <p>In terms of human capital development, PIs are encouraged to ensure the involvement of young scientists (i.e. doctoral and postdoctoral students) and pay attention to gender equality (a balanced involvement of female and male researchers) and previously disadvantaged individuals.</p> <p>Note: FNI must provide a support letter with details of researchers and institutions from South Africa and Japan research partners.</p>
<p>What type of activities are eligible for funding?</p>	<p>FNI funds can be used to cover the following costs:</p> <p>Research-related costs—Activities to be supported may include expenses relating to field work, such as conducting interviews, surveys, laboratory experiments, research-related trips, small equipment (consumables), etc. Airfare, accommodation, ground transport, and subsistence should be calculated using rates as stipulated in public travel policies.</p> <p>Postdoctoral research support – funds within this programme make provision for one postdoc position equivalent to the FNI Freestanding postdoctoral fellowships. Therefore, PIs are expected to supervise and mentor a postdoctoral researcher who should be allowed to conduct research, either on a pre-specified aspect of the joint project or on their own designed topic within the joint project and should be supported to publish the work. The responsibilities of this position may also include assisting the PI with the management and administration of the joint project. The postdoctoral fellows should be prepared to become principal investigators so they also take on senior responsibilities like mentoring, grant writing, and teaching.</p> <p>Reciprocal research visits/ mini sabbaticals by young researchers - the placements should enable the postgraduate students within the project to learn valuable new skills or techniques; access facilities or resources not readily available at home; build relation-</p>

	<p>ships with potential new collaborators; and advance complementary collaborative research. The duration of each placement is expected to be 3-6 months with flexibility to split the placement into several shorter visits. Longer placements may be undertaken where this would add value and these should be justified within the application. Placements must enhance, not replace, the standard training and study support that the postgraduate students receive. These placements must be managed to fit within the original funded period of the studentship. Additional funding will not be made available through this Call to support studentship extensions for those undertaking international placements. Applicants should include information about how these reciprocal research visits will be managed. Funds within this programme can only be used for these reciprocal research visits/ mini sabbaticals and not for scholarship/ bursary/ students fees. The honours are on the PIs (and doctoral students) to secure funding for educational expenses of participating students. Doctoral students are hereby advised to apply for scholarship through the FNI call for Student Support which opens in January each year.</p> <p>Knowledge sharing costs (science engagement) - in support of project-related activities, such as joint workshops, seminars, conferences, symposia, lecturer presentations, meetings, local and regional dissemination of results to relevant stakeholders.</p> <p>AJ-CORE workshops: It's mandatory for researchers to make budgetary provisions (travel and accommodation) to participate at workshops organised by AJ-CORE funders as part of the reporting requirements (i.e. kick-off and final workshops).</p> <p>FNI funds can only be used to support research activities executed by the Mozambican members of the consortium. The following will NOT be funded from the FNI grant allocation: consultant's fees, project management fees, and large equipment (costing more than 800 000 MT). Educational expenses (scholarships/ bursaries/ student fees/ educational expenses, etc.) cannot be covered from the research costs. Doctoral students in need of financial support are advised to apply for scholarship through the FNI call for student support which opens the beginning of January each year.</p>
Funding limits for eligible activities	<p>The total amount requested from the FNI should not exceed (6000 000 MT) per project. Funding will be made available for a maximum of 3 years, to be paid in annual instalments and exclusively for research activities commencing in 2024. The funds per project have to be utilised as follows:</p> <ul style="list-style-type: none"> • Daily Subsistence Allowance for field research activities for the research team not exceed 20% of the total budget; • Small research equipment; • Consumables; • Essential infrastructure/upgrading; • Costs of prototype production; • Project management costs must not exceed 7.5%;
Additional requirements	<p>Science Engagement</p> <p>Science engagement refers to scientific and initiative activities, events, interventions, or interactions characterised by mutual learning and dialogue among people of varied backgrounds, scientific expertise, and life experiences, who articulate and discuss their</p>

Contact details for further information	<p>perspectives, ideas, knowledge, and values. It is an overarching term for all aspects of public engagement through suitable communication channels with science, science awareness, science education, science communication, and science outreach, aiming to develop and benefit individuals and society.</p> <p><u>Intellectual Property</u></p> <p>The researchers of each country, particularly the leaders, must take adequate steps to ensure protection and sharing of the intellectual property that could result from the joint projects.</p> <p><u>Ethical Considerations</u></p> <p>In conjunction with the institution, it is the responsibility of the grant-holder to ensure that all research activities carried out in or outside Mozambique comply with the laws and regulations of Mozambique and/or the foreign country in which the research activities are conducted. These include all human and animal subjects, copyright and intellectual property protection, and other regulations or laws, as appropriate. A research ethics committee must review and approve the ethical and academic rigor of all research prior to the commencement of the research and acceptance of the grant. The awarded amount will not be released for payment if a copy of the required ethical clearance certificate, as indicated in the application, is not attached to the Conditions of Grant.</p>	
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ETHIOPIA

Ministry of Innovation and Technology (MInT)



<p>Who can apply?</p>	<p>Only working researchers/scientists residing in Ethiopia and affiliated with a recognised Ethiopian higher education, research institution (federal and regional research Institutions) are eligible to apply. Researchers based at higher education institutions are not eligible to apply under this programme. Researchers from SMEs, private companies/industries, and NGOs cannot serve as a PI but can form part of the research consortium. NGO and/or industry/ SME participants are expected to meet their own participation costs in the joint project. Ethiopia applicants and the HEI and Research Institutions based co-PIs must be in possession of a PhD.</p> <p>In terms of human capital development, PIs are encouraged to ensure the involvement of young scientists (i.e. doctoral and postdoctoral students) and pay attention to gender equality (a balanced involvement of female and male researchers) and previously disadvantaged individuals.</p>
<p>What type of activities are eligible for funding?</p>	<p>MInT funds can be used to cover the following costs:</p> <p>Research-related costs - activities to be supported may include expenses relating to field work such as conducting interviews, surveys, laboratory experiments, research-related trips, small equipment (consumables), etc. Airfare, accommodation, ground transport and subsistence should be calculated using rates as stipulated in public travel policies.</p> <p>Postdoctoral research support – funds within this programme make provision for one postdoc position equivalent to the MInT Freestanding postdoctoral fellowships. Therefore, PIs are expected to supervise and mentor a postdoctoral researcher who should be allowed to conduct research, either on a pre-specified aspect of the joint project or on their own designed topic within the joint project and should be supported to publish the work. The responsibilities of this position may also include assisting the PI with the management and administration of the joint project. The postdoctoral fellows should be prepared to become principal investigators so they also take on senior responsibilities like mentoring, grant writing, and teaching.</p> <p>Knowledge sharing costs (science engagement) - in support of project-related activities, such as joint workshops, seminars, conferences, symposia, lecturer presentations, meetings, local and regional dissemination of results to relevant stakeholders.</p> <p>AJ-CORE workshops: It's mandatory for researchers to make budgetary provisions (travel and accommodation) to participate at workshops organised by AJ-CORE funders as part of the reporting requirements (i.e. kick-off and final workshops)</p>

Funding limits for eligible activities	<p>The total amount requested from the MInT should not exceed (5000 000 birr) per project. Funding will be made available for a maximum of 3 years, to be paid in annual instalments and exclusively for research activities commencing in 2024. The funds per project have to be utilised as follows:</p> <ul style="list-style-type: none">• Daily Subsistence Allowance for field research activities for the research team not exceed 20% of the total budget;• Small research equipment;• Consumables;• Essential infrastructure/upgrading;• Costs of prototype production;• Project management costs must not exceed 7.5%;	
Additional requirements	<p><u>Science Engagement</u></p> <p>Science engagement refers to scientific and initiative activities, events, interventions, or interactions characterised by mutual learning and dialogue among people of varied backgrounds, scientific expertise, and life experiences, who articulate and discuss their perspectives, ideas, knowledge, and values. It is an overarching term for all aspects of public engagement through suitable communication channels with science, science awareness, science education, science communication, and science outreach, aiming to develop and benefit individuals and society.</p> <p><u>Intellectual Property</u></p> <p>The researchers of each country, particularly the leaders, must take adequate steps to ensure protection and sharing of the intellectual property that could result from the joint projects.</p> <p><u>Ethical Considerations</u></p> <p>In conjunction with the institution, it is the responsibility of the grant-holder to ensure that all research activities carried out in or outside Mozambique comply with the laws and regulations of Mozambique and/or the foreign country in which the research activities are conducted. These include all human and animal subjects, copyright and intellectual property protection, and other regulations or laws, as appropriate. A research ethics committee must review and approve the ethical and academic rigor of all research prior to the commencement of the research and acceptance of the grant. The awarded amount will not be released for payment if a copy of the required ethical clearance certificate, as indicated in the application, is not attached to the Conditions of Grant.</p>	
Contact details for further information	Name	Habtamu Abera Goshu (PhD)
	Position	National Research and Development CEO
	Phone	+251979022338
	Email	habtamu2016@yahoo.com
	Website/link	https://www.linkedin.com/in/habtamu-goshu-a6325225/
	Full address	Addis Ababa, Ethiopia

CÔTE D'IVOIRE

Fonds pour la Science, la Technologie et l'Innovation (FONSTI)



Who can apply?	<ul style="list-style-type: none"> • Researchers and scientists affiliated with a public university, a research center, or an Ivorian public high school. • The Principal Investigator must be an Ivorian citizen. 	
What type of activities are eligible for funding?	<p>FONSTI funds can be used to cover the following costs:</p> <ul style="list-style-type: none"> • Postdoctoral research support (See documents on the FONSTI website). • Mobility of Ivorian researchers (submit the support request for analysis if it is not included in the total research budget). • Capacity Building Activities: Colloquiums, conferences, etc. (submit the support request for analysis if it is not included in the total research budget). 	
Funding limits for eligible activities	<p>The maximum amount for per project financing is 20,000,000 FCFA. FONSTI will only fund a maximum of four projects.</p> <p>For the mobility of researchers, exchange visits between team members, conferences, and symposiums part of the execution of funded projects, FONSTI will provide a lump sum to guarantee the researcher's participation. Only one trip will be considered. Scholarships may be awarded to students registered for the doctorate.</p> <p>FONSTI DOES NOT fund salaries and the purchase of heavy equipment.</p>	
Additional requirements	<ul style="list-style-type: none"> • Consideration of gender and inclusiveness. • Include in student research teams. • Promote transdisciplinarity. • Present the mechanism for the scientific and economic valorisation of results. • Present the data protection mechanism and consideration of ethics. 	
Contact details for further information	Name	OUATTARA Annette
	Position	Responsable Etudes, Renforcement de Capacités et Partenariat
	Phone	+225 0103635199
	Email	annetteouattara@yahoo.fr ; annette.ouattara@fonsti.org
	Website/link	www.fonsti.org
	Full address	7 ^{ème} Tranche, Ilot n°227 lot n°2689, 27 BP 782 Abidjan 27, Côte d'Ivoire

Tanzania

Tanzania Commission for Science and Technology (COSTECH)



Who can apply?	<ol style="list-style-type: none"> 1. The applicant should be a researcher who is a citizen of the United Republic of Tanzania. 2. The applicant should be an active researcher with a Ph.D. and a proven capacity to deliver interdisciplinary research projects. 3. The applicant should be employed by higher learning Institutions (Universities) or Research and Development Institutions (R&D institutions) legally registered in Tanzania's mainland and/ or Zanzibar. 	
What type of activities are eligible for funding?	<ul style="list-style-type: none"> • Research-related costs • Costs for acquisition of material and research equipment • Capacity building costs - research costs only (MSc or PhD) • Knowledge sharing and dissemination costs, including costs for attending seminars and workshops related to the project, community engagement, etc. 	
Funding limits for eligible activities	<ol style="list-style-type: none"> 1. A budget ceiling for a proposal is TZS 120,000,000/= equivalent to USD 45,100 as per BOT of 17 April 2024. 2. The project will be supported for a maximum of three years. 3. The rates to be used are those approved by Government standing orders and regulations. 4. The procurement of goods and services should follow procurement procedures. 5. Use the provided COSTECH budget template. 6. The funds will not cover institution overheads (costs for project administration), consultant fees, researchers' salaries or tuition fees, stipend/fees for postgraduate students 	
Additional requirements	<ul style="list-style-type: none"> • The submitted applications should be accompanied by a signed endorsement letter from the host Institution • The successful project shall be required to obtain an ethical clearance from the relevant body 	
Contact details for further information	Name	Neema Tindamanyire
	Position	Senior Research Coordination Officer
	Phone	+255 767147947
	Email	neema.tindamanyire@costech.or.tz or neematinda16@gmail.com
	Website/link	www.costech.or.tz
	Full address	Tanzania Commission for Science and Technology (COSTECH) P.O BOX 4302 Dar es Salaam, Tanzania

Annex V

Information on Botswana Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Botswana
Phone	
Email	
Which funding body are you applying to?	MCKT

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator, I meet the funding requirements of my national funding body.

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Signature Date.....

Annex V

Information on Ivorian Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Côte d'Ivoire
Phone	
Email	
Which funding body are you applying to?	FONSTI

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator I meet the funding requirements of my national funding body.

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SignatureDate.....

Annex V

Information on Ethiopian Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Ethiopia
Phone	
Email	
Which funding body are you applying to?	MInT

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator I meet the funding requirements of my national funding body.

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SignatureDate.....

Annex V

Information on Kenyan Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Kenya
Phone	
Email	
Which funding body are you applying to?	NRF

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator I meet the funding requirements of my national funding body.

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SignatureDate.....

Annex V

Information on Mozambican Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Mozambique
Phone	
Email	
Which funding body are you applying to?	FNI

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator I meet the funding requirements of my national funding body.

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SignatureDate.....

Annex V

Information on Tanzanian Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	Tanzania
Phone	
Email	
Which funding body are you applying to?	COSTECH

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2025	2026	2027
Research costs			
Travel and meeting costs			
AJ-CORE kick-off and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd, 4th, 5th OR 6th Partner Principal Investigator I meet the funding requirements of my national funding body.

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Signature Date.....