

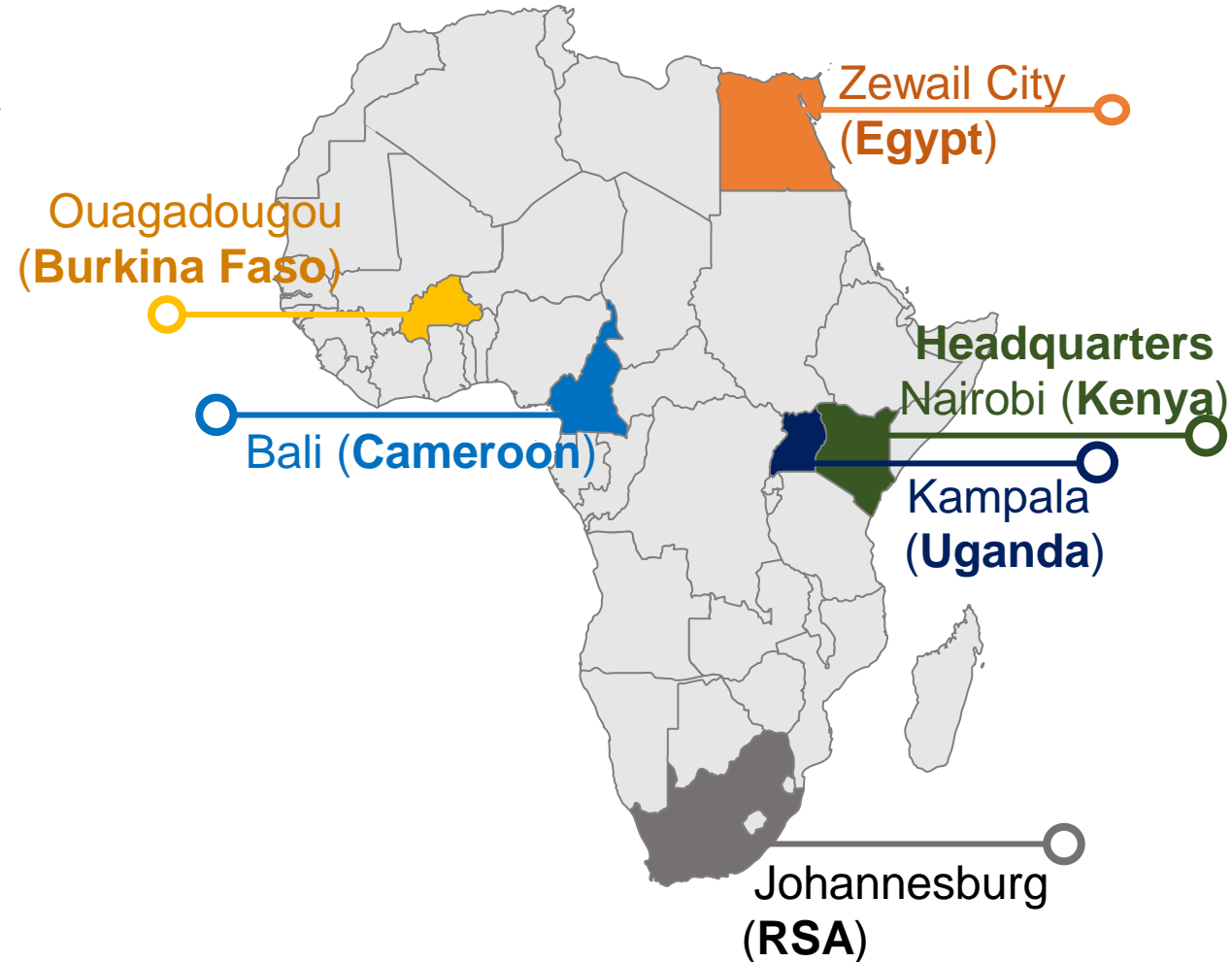
The African Research Initiative for Scientific Excellence (ARISE), Pilot Programme

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The African Academy of Sciences (AAS)-1985/36yrs Ago

- A **non-aligned, non-political, not-for-profit pan-African** organisation
- **Headquarters** in Nairobi through a hosting agreement with the Kenya government & with **5 offices** in South, East, Central, West and North Africa
- **Tripartite mandate:**
 - Recognise excellence,
 - Advisory and think tank functions
 - Implementing key STI programmes
- **Continental Academy** in Africa enjoying the **support** and **recognition** of the **African Union** and several governments and major international partners
- **AESA platform (Alliance for Accelerating Excellence in Science in Africa)** launched in 2015 as a declaration of African Union for **Continental Agenda setting & Business Planning**- jointly with AUDA-NEPAD.
- **Vision:** Transformed lives through science
- **Mission:** Leverage resources through research excellence and thought leadership for sustainable development



The African context



Climate Change

Africa = ~ 6 Million tons of carbon emissions vs. China >9Billion tons!
yet it will suffer the worst devastations i.e. extreme weather patterns,
drought, desertification, floods, rising sea levels, disease outbreaks etc.



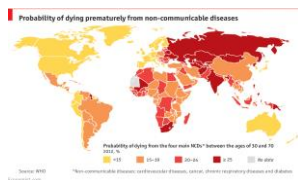
Food Insecurity

124 Million people in 51 African countries experienced high
levels of food insecurity (FAO)



Poverty

The largest number of people (390 million) living in extreme poverty



High disease burdens and epidemiological transition

25% of global disease burden, mostly infectious, but increasing NCD burden

AESA/AAS Business Plan 2016-2021 anchored on 4 Goals

Shifting the centre of gravity of African science to Africa



How AESA/AAS implements key Science, Technology & Innovation Programmes in Africa

Build R&D Infrastructure

Innovations & Entrepreneurship

Rising & Emerging Research Leaders

Critical gaps in the R&D ecosystem



PROGRAMS
PLACES
PEOPLE

PRODUCTS
PRACTICES
POLICIES



DELTA Africa



H3 Africa



Africa Scientific Priorities



Grand Challenges Africa



Translational sciences with big Biotech & Pharma



FLAIR



AESA-RISE



APTI



CR4D



Affiliates



CIRLE



ReMPro Africa



Community & Public Engagement



Science Communication



Science & Language



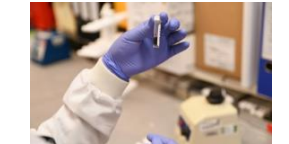
AAS Open Publishing



South-South Africa-India



Global Grant community



Clinical Trials Community

PARTNERSHIP



What's expected of our Rising Research Leaders

◆ **World Class Research & Innovation**

◆ **Prudent Financial Management**

◆ **Individual Professional Development**

◆ **Network Building & Intra-African Collaborations**



◆ **Leadership Development, Supervision & Mentorship**

◆ **Institutional Strengthening in Grants Management**

◆ **Strong Community Public Engagement (CPE) & Communication**

◆ **Future Impact of Science, Entrepreneurship & Innovations on Society**

African Research Initiative for Scientific Excellence Pilot Programme (ARISE-PP) | Call for Expressions of Interest

Are you a talented early-career scientist who has already produced excellent supervised work, is ready to work independently, and shows potential to be a research leader? This is an opportunity for you to further develop your research career and become a principal researcher leading your own grant.

ARISE grantees will be awarded grants of up to €500,000 to start their own independent research teams.



Application Submission Deadline: 30 July 2021

APPLY NOW



www.aasciences.africa/call/arise

Overview of ARISE-PP

Main objective: to **broaden and strengthen Africa's science base** through open and direct continental competition for funding amongst the very best young African researchers with **the aim of contributing to the transformation of Africa into a knowledge-based and innovation-led continent.**

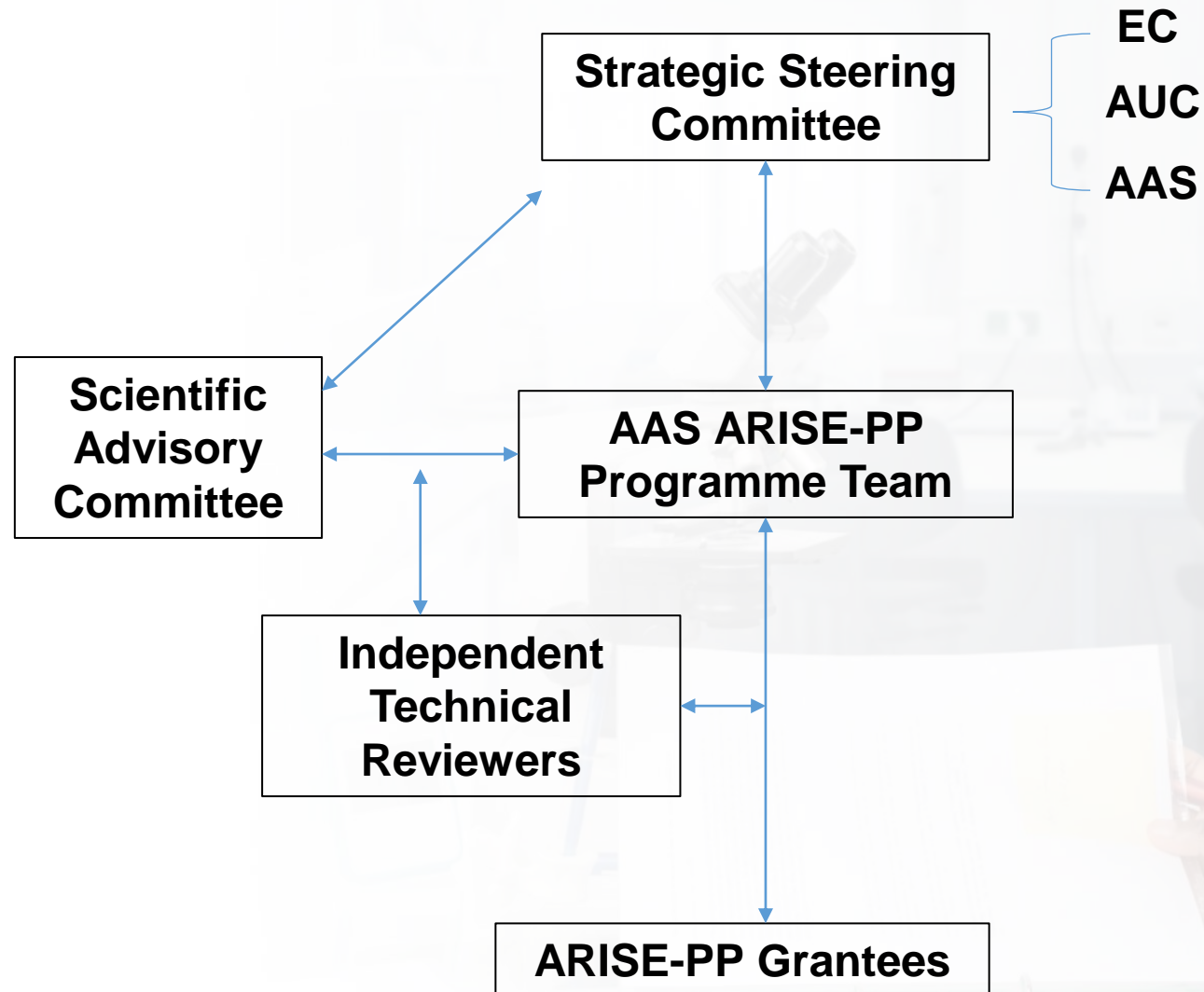
Specific objectives:

1. To enhance the capabilities of emerging African research leaders committed to a research and teaching career in Africa.
2. To strengthen institutional research management and support systems to enable pan-African research to thrive.
3. To support the generation of cutting-edge research in contribution to the transformation of Africa into a knowledge-based and innovation-led continent and towards the transformation of lives in African through science.

ARISE-PP grants: Highlights

- At least **40 emerging African research talents across 40 African countries**.
- A call for **proposals open to African researchers, in all areas of scientific endeavor**. Proposals should take into account the **priorities of the AU-EU High Level Policy Dialogue on Science, Technology and Innovation** (Public Health, Green Transition, Innovation and Technology, Capacities for science), and most importantly **demonstrate the capacity to deliver cutting-edge research** in their chosen field of endeavor.
- The call for applications targets African researchers with **2 to 7 years of experience post-PhD** but with considerable and demonstrable research leadership experience.
- Grant awards of up to **EUR 500,000** over a period of **up to 5 years** to start their own independent research team and project.
- A **Scientific Advisory Committee**, composed of eminent African and European scientists, guarantees the scientific independence and aptness of the initiative.

ARISE-PP grants: Key stakeholders



ARISE-PP grants: Key timelines

Activity	Timeline
Submission of Expression of Interest (Eols)	18 June - 30 July 2021
Review of Eols	August 2021
Submission of Full Applications	1 September - 30 October 2021
Review of Full Applications	November - December 2021
Interviews for shortlisted candidates	January 2022
Due Diligence Exercise	February - March 2022
Commencement of grants	April/May 2022

Thank you

Contact us

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