

This is Africa! South



AUTM-WIPO Summit : Cape Town Tech Transfer Week
October 2024

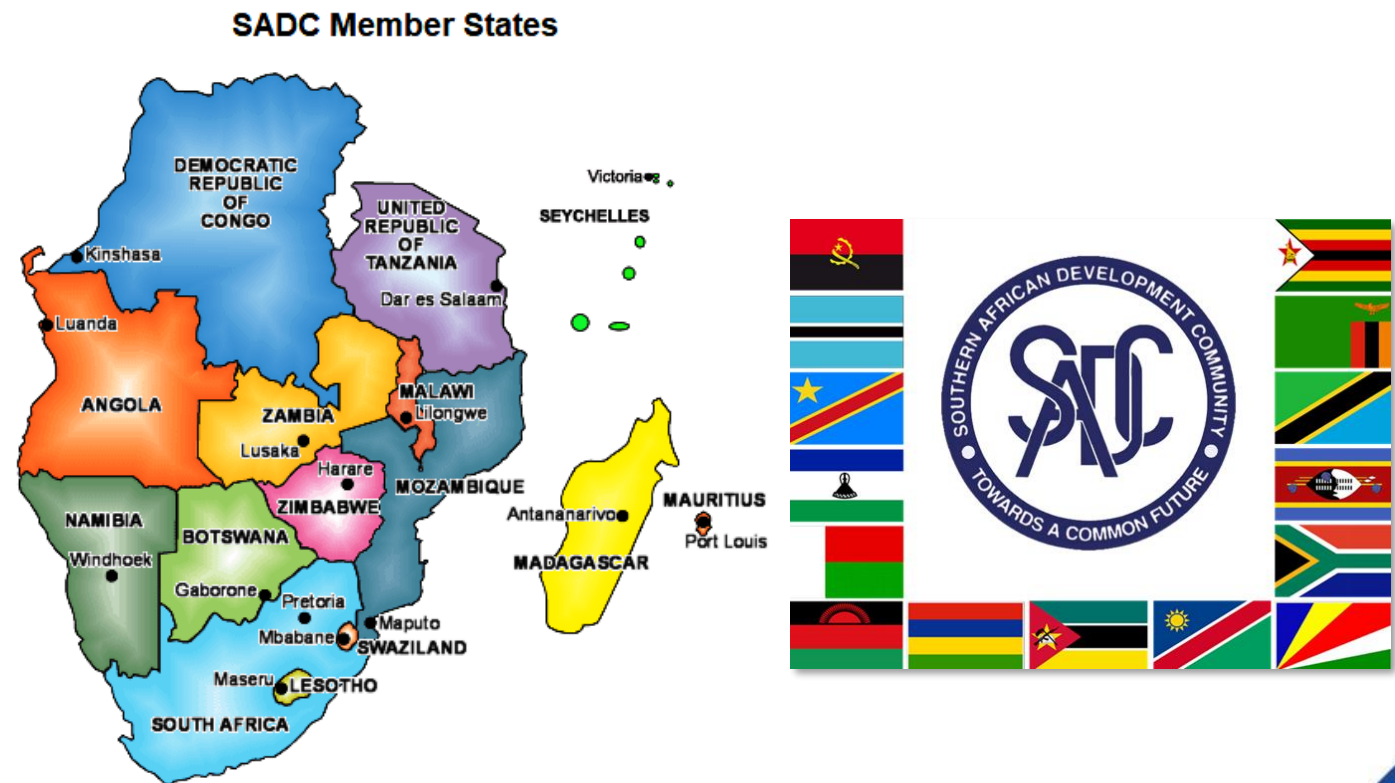


Southern African Research and Innovation Management Association

SARIMA's reach

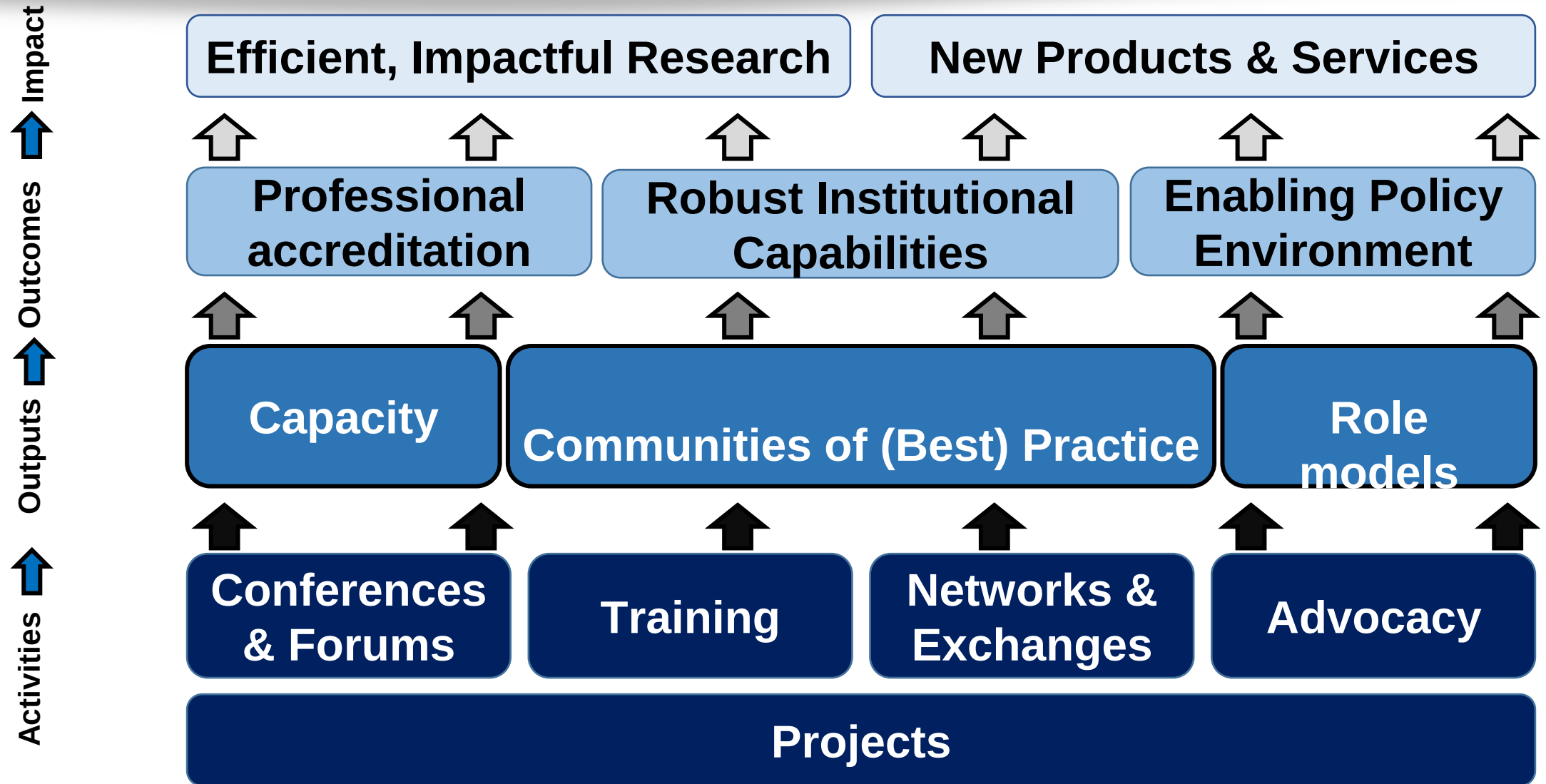
Southern African Research & Innovation Management Association

Country	Area (km ²)	Population
 Angola	1,246,700	25,646,166
 Botswana	582,000	2,393,767
 Comoros ^[5] ^[6]	2,235	886,035
 Democratic Republic of the Congo	2,344,858	91,969,351
 Eswatini	17,363	1,170,860
 Lesotho	30,355	2,157,381
 Madagascar	587,295	28,321,604
 Malawi	118,484	19,567,808
 Mauritius	1,969	1,273,660
 Mozambique	801,590	32,077,842
 Namibia	824,268	2,583,364
 Seychelles	456	98,897
 South Africa	1,221,037	56,000,000
 Tanzania	947,303	61,333,527
 Zambia	752,612	18,867,491
 Zimbabwe	390,757	15,061,323



Source: <http://sadcmap.com/about-us/>
NB: Comoros not depicted

SARIMA's Mandate and Positioning





Weaving Research into the Fabric of Society

Feb 2002 – SARIMA
established, inaugural
meeting in Cape Town



Leadership in Research & Innovation Management

2022 – Celebrate
20 years



SARIMA Staff

Operations Management



Kim Bonaconsa

Organisational Management/Legal



Nelisha Naidoo

Financial Management



Edgar Mutembararo

Marketing/ Comms and IT



Armand Barnard

Project Management



Zimasa Sobuza



Karin Dyason



Prenitha Sewnarain

Training Co-ordination



Roz Prinsloo

Office Admin & Membership



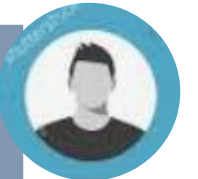
Mpho Mazibuko

Project Admin Support



Latoya Mc Donald

Monitoring & Evaluation



TBC

Committee 2023 - 2025



Emilia Nhalevilo	President
Anna Matros-Goreses	President-Elect
Andrew Bailey	Past-President



Caz McNamara	Vice-President: RM
Rosemary Wolson	Vice-President: ITT
Jessica Dunienville	Vice-President: AE



Retha Visagie	RM Committee member
Yolanda Davids	AE Committee member
Madalitso Tsakama	ITT Committee member
Nnenesi Kgabi	RM Committee member
Luan Africa	ITT Committee member



Thandiwe Maretlane	ITT Committee member
Hamilton Mphidi	ITT Committee member
Mpumelelo Nkomo	ITT Committee member
Ayanda Noma	Co-opted (I&TT)
William Goriwondo	Co-opted (I&TT)

Professionalisation



SARIMA

Technology Transfer Professional Competencies



Relationships



Commercial Awareness



Technology Development



Commercial Acumen



Communication



Legal & Intellectual Property



Entrepreneurial
Mindset

Professional Competency Framework (PCF)

1	ORGANISATION AND DELIVERY OF A RESEARCH MANAGEMENT SERVICE
2	RESEARCH PLANNING, STRATEGY AND POLICY DEVELOPMENT
3	RESEARCHER DEVELOPMENT
4	PARTNERSHIPS AND COLLABORATION
5	RESEARCH FUNDING
6	RESEARCH ETHICS AND INTEGRITY
7	MANAGING FUNDED RESEARCH
8	RESEARCH DATA AND RESEARCH INFORMATION MANAGEMENT
9	RESEARCH UPTAKE, UTILISATION AND IMPACT



<https://iprcouncil.com/training-and-resources/>

Recognition of Research Management Professionals

PROFESSIONAL DESIGNATIONS

Research Administration Professional (RAP)

introduced in 2021

- 1 to 3 years' experience or in the profession for some time but not advanced professionally
- Instill a professional identity
- Establish a professional development trajectory towards RMP / maintain RAP status

Research Management Professional (RMP)

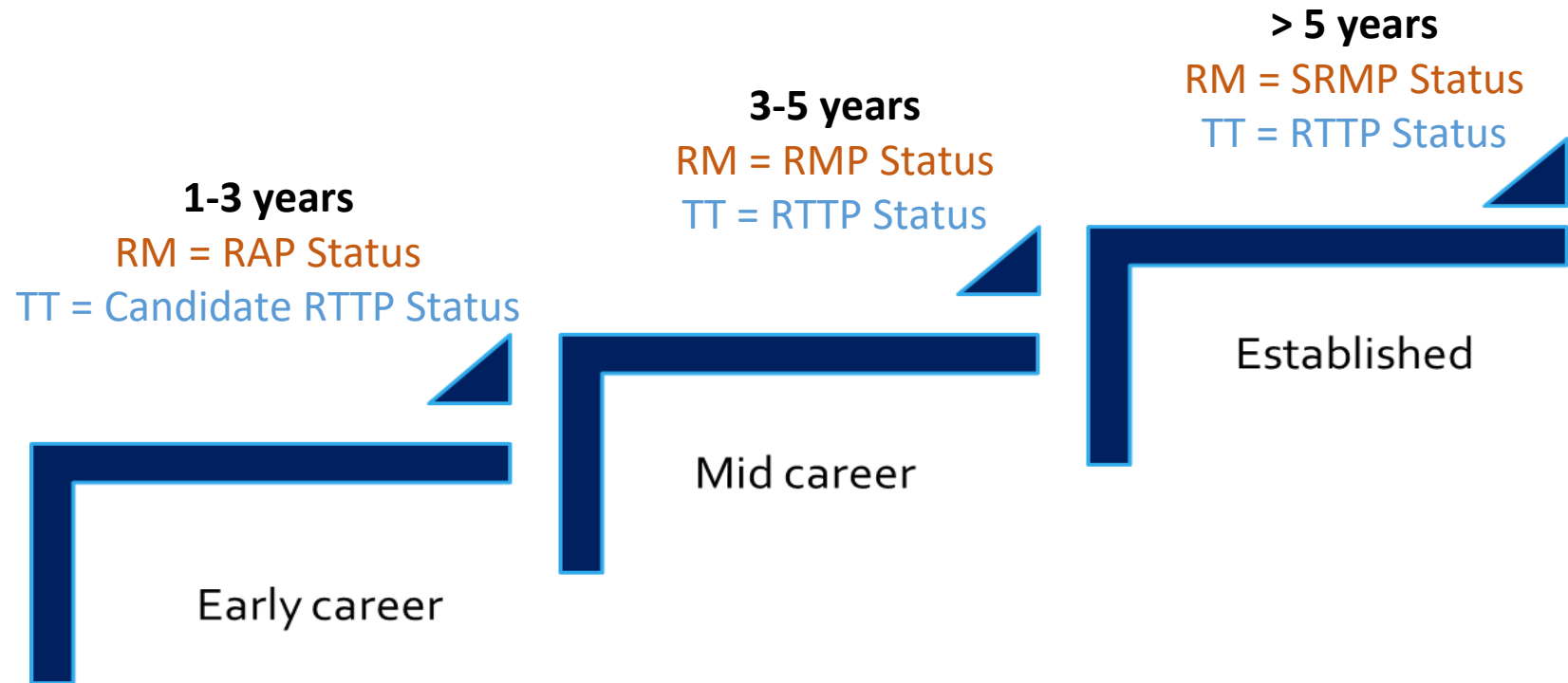
- Recognises mid to advanced career research managers
- Undergraduate qualification
- Minimum of 3 years' relevant work experience
- OR a minimum of 5 years' relevant work experience without a qualification.

Senior Research Management Professional (SRMP)

- Recognises senior research managers who serve in leadership or strategic roles
- Postgraduate qualification
- Minimum of 5 years' relevant work experience.

Training and Professionalisation : IPRC & ATTP

Professional
Competency
/ Capability
Frameworks



Online short courses (competency certificate in RM)

F2F and virtual training courses and webinars (CE points)

Conferences / CoPs / Mentorships / Exchanges



Professional Recognition 2024

Designations awarded

Honorary SRMP	SRMP	RMP	RAP	Total
	Botswana - 1	Botswana - 1	Botswana - 1	3
		Ghana - 7	Ghana - 3	10
	Kenya - 1			1
		Malawi - 2	Malawi - 1	3
	Malaysia - 1			1
	Nigeria - 1			1
		Senegal - 1		1
South Africa - 2	South Africa - 6	South Africa - 14	South Africa - 7	29
	The Gambia - 2			2
	Uganda - 3	Uganda - 2		5
United States - 1	United States - 1			2
	Zimbabwe - 1	Zimbabwe - 4	Zimbabwe - 1	6
3	17	31	13	64

SRMP: Senior Research Management Professional

RMP: Research Management Professional

RAP: Research Administration Professional

Applications 2024 in review process

SRMP	RMP	RAP	Total
		Botswana - 1	1
	Burkina Faso - 1		1
Ethiopia - 1			1
Ghana - 2	Ghana - 2	Ghana - 2	6
	Namibia - 1		1
		Nigeria - 1	1
South Africa - 5	South Africa - 5	South Africa - 4	14
	Uganda - 2		2
	Zimbabwe - 1		1
8	12	8	28



Recognised Technology Transfer Professional (RTTP)



2020	Madelein Kleyn SUN Nolene Singh Wits Joubert de Wet SUN Doris Peters SUN
2019	Philip Hoekstra UCT Ravini Moodley x-CSIR/UFS
2018	Janine Chantson NWU Stephanus Marais x-CSIR
2017	Andrew Bailey UCT
2015	Marlin Fransman CPUT
2014	Sean Moolman x-CSIR Anita Nel SUN Ela Romanowska Wits
2013	Nicoli Koorbanally x-CSIR Gary Atkinson-Hope x-UWC Gerard Verhoef x-UFS, UJ Jacqueline Barnett x-NMU



Strengthening Research & Innovation Management 2 (SRIM II)



SARIMA

Project Name	Strengthening of Research and Innovation Management in SADC (Phase 2)
Funder	Department of Science and Innovation(DSI) SA
Objectives	- To promote connection and cooperation between R&I management practitioners, institutions and other role players within the SADC R&I ecosystem - To advance R&I management and to strengthen the professional and technical skills and capacity of institutions and practitioners in the SADC region - To produce knowledge outputs and resources for better coordination and support of the R&I ecosystem
Duration & Status	1 October 2021-30 September 2024; year 3 (final): 1 October-30 September 2024
Key Activities/Achievements	- Revived the focal point initiative and hosted 4 local 1-day country symposia - Support for SARIMA conference grants and guideline on excellence awards application - Deliver R&I management training - Support for RM & ITT professional recognition: application fee grant + online short courses - Produced consolidated Country reports on R&I ecosystem - MERL report compiled - R&I Handbook revised and translated

SRIM II - Creating the Connection

- Country Focal Points & SARIMA Contact Points – representatives in each SADC country
- Flow of information into SARIMA on key ecosystem developments
- Dissemination of communication from SARIMA
 - **Country Focal Points:** country-specific representatives nominated at the national level specifically to support the SADC SRIM II Programme in their country
 - **SARIMA Contact Points:** are 'on-the-ground' practitioners at research institutions, independent of the SRIM II Programme, who SARIMA can liaise with to implement various projects

SRIM II - Strengthening National Ecosystems

- Multiple country Symposia have been held
 - One day
 - Often link to other national events being held
 - Events attract Research & Innovation Managers, academics, researchers, government, industry and funders
 - Bring together different stakeholders to discuss and develop local research & innovation ecosystems
 - Training & workshops offered adjacent to the event
- Increasing local government commitment to support research & innovation through participation, dialogue and in-country co-sponsorship (rather than entirely externally-funded events)

SRIM II - Country Surveys & Reports

- **Country Focal Points / SARIMA Contact Points**
 - Attended several meetings & conferences where status of technology transfer & innovation was reported on at a country level – standard question set
 - Provided an appreciation of where different countries were at
 - Identified common challenges faced by countries

SRIM II - Country Surveys & Reports

Outcomes (outside of South Africa)

- Levels of own inventor patenting low – primarily foreigners filing
- Few universities have filed patents
- Low levels of industry engagement for R&D / contract research
 - Often local industry playing a role of distributor for overseas principal
- Technology Transfer Offices emerging
 - New legislation in Malawi requiring institutions to have a TTO
 - Often emerging from a Research Office function
 - IP Policies in place, but not implemented / resourced (e.g. support for patent filing)

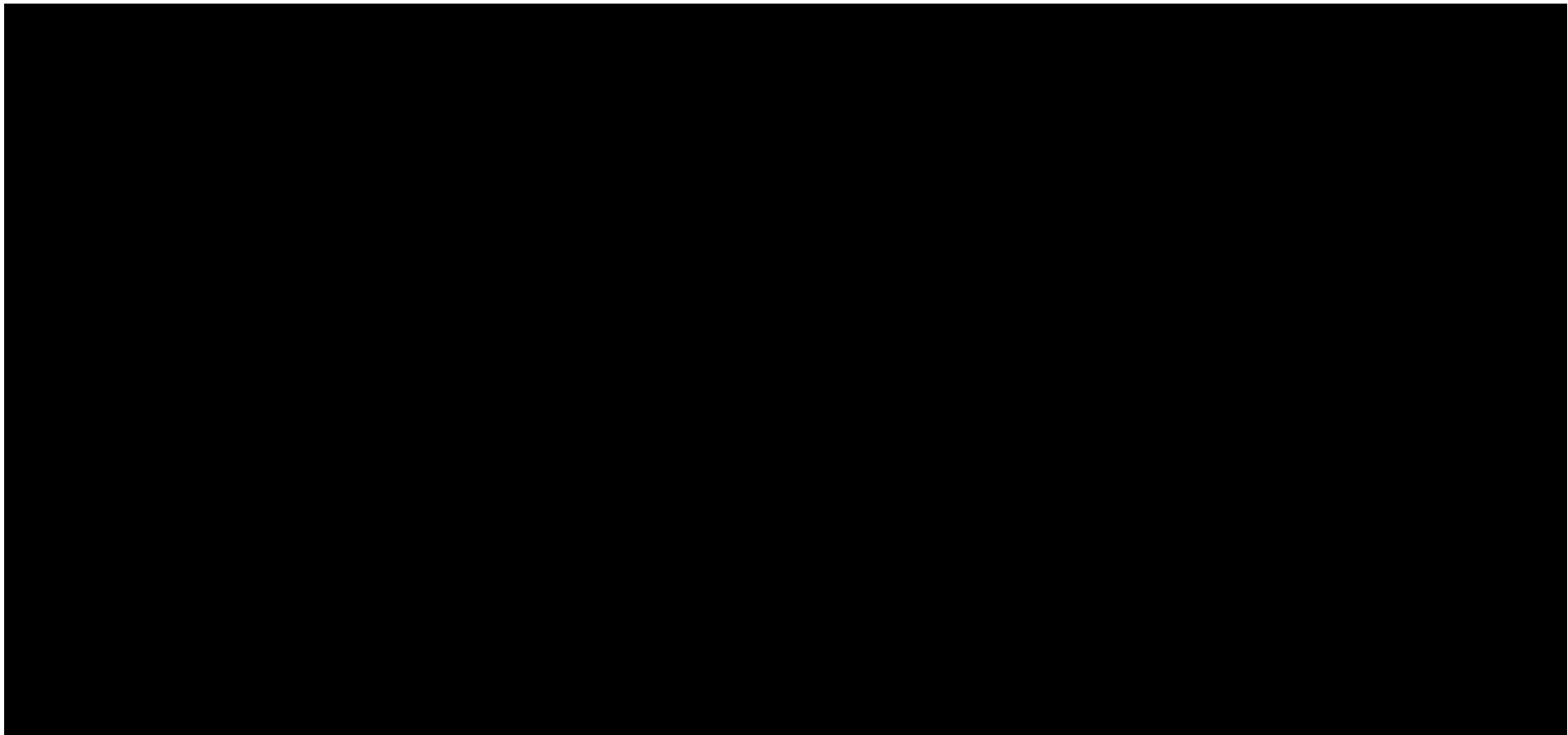
SARIMA training needs to address

- Diverse levels of experience
- Small communities of practitioners
- Multiple languages
- Affordability (online offerings important). Driven forward during Covid, but importantly changed “in person” requirements for professionalisation through ATTP

WIPO FIT-Japan SARIMA

On the Job Exchange Programme





Building it Forward for Research (Management) Leadership in Southern Africa

To strengthen capabilities of university Research Support Offices across Malawi, Mozambique and SA so these universities effectively and efficiently support and enable research and become more visible and attractive to external donor funders

Funder: Bill & Melinda Gates Foundation



Project Rationale and Objectives

- BMGF invests less than 10% of its funds directly in African institutions
 - It is difficult to identify African researchers
 - Insufficient fundable proposals are received from African researchers and research institutions
- The project therefore aims to strengthen the research ecosystem in the region through elevation of institutional **research management** capabilities, thereby fostering a more robust, visible, and donor-attractive research environment, through:
 - Increasing the capacity of the institutions to manage and support research
 - Enhancing the institutions' visibility to attract prospective funders
 - Establishing, linking and sustaining robust networks and communities throughout the project to foster learning and collaboration
 - Implementing sound project governance mechanisms to ensure that the project is successfully implemented, monitored and evaluated.
- As a key outcome, the Project aims to demonstrate a capacity strengthening model that can potentially be scaled and replicated in other institutions

Criteria for Beneficiary Universities

- Reasonable sized research portfolio
- An established RSO with adequate capacity to achieve the project objectives
- Articulated capacity strengthening needs
- Aiming to move from RCL2 to RCL1
- Demonstrating institutional commitment at senior level

“Mentor” Institutions

- 4 South African universities
 - Research-intensive
 - Well capacitated RSOs
 - Few areas identified with high training/capacity development needs
 - No/minimal “red flags”
- BRAMA (Brazil)
 - To offer support in Portuguese for Mozambican universities
- Incentive: generous package of benefits, including support to attend local and international conferences; support for professional recognition; travel funding to visit beneficiary institutions and host staff from beneficiary universities

Project Name	SCIENCE GRANTING COUNCILS INITIATIVE-PHASE 2
Objectives	To strengthen the practices and resilience of (17) Science Granting Councils (SGCs) Sub Sub-Saharan Africa in research and grants management and grants management in: Eastern Africa: Ethiopia, Kenya, Rwanda, Tanzania, Uganda Western and Central Africa: Burkina Faso, Côte d'Ivoire, Ghana, Senegal Nigeria and Sierra Leone(new in SGCI 2) Southern Africa: Botswana, Malawi, Mozambique, Namibia, Zambia, Zimbabwe
Project Partners	West African Research and Innovation Association (WARIMA)
Duration & Status	3 years running from 2023-2026; currently in year 2 as of 1 Oct 24.
Key Activities/Achievements	▪ SGC needs and capacities assessment completed and disseminated ▪ Development and delivery of 1 virtual training- high participation from Ethiopia ▪ 1 PRC application grant awarded to Namibia ▪ Development and delivery of customised technical and coaching support to Zimbabwe ▪ Co-hosted pre-conference workshop at the 2024 SARIMA conference in Mozambique ▪ Participation in annual regional meetings, academic symposia: Uganda, Kenya ▪ Translation and dissemination of the French and Portuguese PCF

3rd SA IP & TT Survey

Project Name	CONDUCTING THE THIRD SA NATIONAL SURVEY OF IP AND TT AT PUBLICLY FINANCED RESEARCH INSTITUTIONS
Funder	Department of Science & Innovation (SA)
Objectives	To prepare the national publication for period 2019 to 2023 relating to Intellectual Property and Technology Transfer and OTT metrics for all “institutions” as defined in the SA IPR Act. This survey will assist with alignment of IP & TT International practice, but also importantly useful to benchmark data from a number of different countries; many that may be more relevant for South Africans to benchmark against, due to similarities in their innovation ecosystems.
Project Partners	NIPMO
Duration & status	2 years (Dec 2023- Dec 2025); year 1 ending as at Dec 2024
Key Activities/Achievements	• Develop and administer survey, collect and analyse responses (for the period 2019 to 2023) and prepare publication • Develop case studies and highlights brochure • Contracting concluded and funds released in Dec 2023. • Definitions document and Questionnaire have been finalized • Pilot institutions have been selected and currently digital tool is being tested



Collaboration into Africa & Beyond

- Increase SADC presence
- Engage with other African RIMAs
- Nurture linkages beyond Africa

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