

Research culture project



African Regional Network (ARN)

The Research culture project in Africa

Plan

Introduction

Impact of webinars on the regional network

1. At the individual level
2. At the level of organizations
3. Network level

II. Future actions for the project in the regional network

1. At individual level
2. At the level of organizations
3. At the Network level

Conclusion

Introduction

- The partnership between INWES and WARWICK University in England has not only revitalised the Regional Networks but also recreated the links between them and the Executive.
- Together we were able to make sense of the relationships between our different associations, and between the human resources that are the backbone of all human organizations.
- The African Network of Women Scientists and Engineers (ARN) would like to take this opportunity to thank the President of INWES, the President of WARWICK/UK University, all those who, from near and far, had the bright idea and above all were able to put this project into practice.
- The technical team, which was indispensable, was able to put all this "little world" in virtual contact. Digital technology is at the heart of sustainable human development, at the heart of the SDGs.



Introduction (Ctd)

- We are grateful to the INWES executive, including President Jung Sun KIM, South Korea,
- to the President of ARN who ensured the coordination, Rufina DABO SARR, Senegal, co-founder of AFSTech/Senegal,
- to the moderators, INWES Director for Francophone and Anglophone Africa, Vicky AKARA KONDJI, Togo and Mary MWANGI, Kenya,
- to Caroline THORUWA, President AWSE and former SG INWES, Kenya,
- to Aminata Kole FAYE, Co-founder AFSTech/Senegal, Honorary President, Former Coordinator of EARN,
- to the all speakers and the Tunisian interpreters who were available.

Introduction (ctd and end)

- Forgive me...I may have forgotten some...I cannot name everyone...
- I can't name everyone...
- Everyone recognizes themselves in what they have done to make these important events a success.
- It is obvious that the spin-offs are not negligible and we are reassured of the good functioning of INWES and its regional branches. There is strength in numbers.

I. Impact of the webinars on the regional network

1. At the individual level

Virtual meetings = person-to-person links, continent-wide and beyond.

2. At the organisational level

Discoveries of girls' and women's organisations and networks
Beginnings of the Directory of Women Scientists and Engineers in Africa

3. At the ARN level

Last regional conference held in Uyo (Ibom State Nigeria).
INWES-WARWICK project = exchanges that we can consider fruitful.

Improving research culture

"Re-imagining a STEM research culture"

Webinar 1: "Gender equity and inclusion in STEM, research and innovation",
23 April 2022

- Professor Ménémore KARYMUMURYAGO, University of BURUNDI, President OWSD/BURUNDI, BURUNDI
- Professor Ruby HANDSON, Winneba University, GHANA
- Professor Olubukola Oluranti BABALOLA, Director OWSD Africa, SOUTH AFRICA
- Lecturer Eva Liliane UZENEZA, University of RWANDA, Founder and Co-President Rwanda Young Academy of Science, RWANDA

Improving research culture

"Re-imagining a STEM research culture«

Webinar 2: «African STEM research and education policies, 20 years of experience » 28 May 22

- Engineer, Minister Salamata FOFANA GAKOU, Pioneer ICWES, President AFIMA, Former Coordinator FEMSA, MALI
- Dr Uduakobong Aniebat OKON, Head of Education Unit Agricultural Technology, 1st President ARN, NIGERIA
- Rasmata OUEDRAOGO, PhD in Chemistry, Director of Promotion of Inclusive Education, Girls' Education and Gender, BURKINA FASO
- Sakwe Itoe MBONE, Regional Director Plan International, Emerging Tech Women, Silicon Valley, CAMEROON

II. Future actions for the Project in the regional network

- The ARN is more committed than ever to continuing its concerted actions in this important Project.
- Research is the Achilles' heel of STEM and other fields in Africa and the world.
- Whether in basic research or research and development (R&D), spending is often low.

R&D EXPENDITURE WORLDWIDE (<http://uis.unesco.org>)

● Korea, Republic of	2020	4.81
● Korea, Democratic Republic of		??
● Cameroon		??
● Nigeria	2007	
0.13		
● Senegal	2015	
0.58		
● North Africa and Middle East	2020	1.59
● North Africa and Middle East (excluding high income)	2017	0.62
● Sub-Saharan Africa	2007	0.45
● Sub-Saharan Africa (excluding high income)	2007	0.45
● North America	2020	3.32
● Latin America and the Caribbean (excluding high income)	2019	0.69
● East Asia and Pacific	2020	2.63
● East Asia and Pacific (excluding high income)	2020	2.25
● South Asia	2018	
0.64		
● Central Europe and the Baltics	2020	1.31

FUTURE ACTIONS

- To continue this reflection and these actions
- Integrate them into the work of our partnership with the WFSW
- Our partner has a working group on Research in Africa

Futures actions (continued and end)

1. At the individual level
Positive interactions
2. At the organizational level
African directory of women scientists and engineers
Maintain and strengthen the links created
3. At the network level
Initiate Programmes such as
FEMmes AFricaines en STIM (FEMAFSTIM)
African Women in STEM (AFWOSTEM)

Prepare the Regional Conference in 2023

CONCLUSION

Positive notes/Success

Post Baccalaureate and Post Doc STEM education projects and programs for the younger generation.

Research and language stay program for senior and junior members

But all human work is perfectible. Let's try to do more and better because the challenges are numerous



Thank you for your kind attention

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President ARN
President OWSD/Senegal
Associate Teacher Virtual University of Ségol
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