

## Reimagining a STEM Research Culture

Lessons Learnt from 20 years of Evolution for Inclusive Representation in Science and Engineering

### Workshop Summary Report

Workshop details	
Name of region	African Regional Network
Date and time	May 28th, 10 h 30 - 13 h 34 UTC
Type of workshop (dialogue/)	knowledge sharing
Lead organiser name and title	Teacher. assoc. Rufina DABO SARR, ARN Chair
Lead organiser contact email	<a href="mailto:rufina.dabo@inwes.net">rufina.dabo@inwes.net</a> or <a href="mailto:arn@inwes.net">arn@inwes.net</a>

Summary information	
Number of attendees	40 (Forty)
List of nations represented	<ol style="list-style-type: none"> <li>1. Sénégal</li> <li>2. Mali</li> <li>3. Kenya</li> <li>4. Nigeria</li> <li>5. Burkina Faso</li> <li>6. Kenya</li> <li>7. France</li> <li>8. UK</li> <li>9. Germany</li> <li>10. Cameroun</li> <li>11. Corée du Sud</li> </ol>

Contributors	
Chair / moderator	Associated Teacher Rufina DABO SARR Pr Mary MANGI
Presenters	<ol style="list-style-type: none"> <li>1. Director Doctorante Rasmata OUEDRAOGO</li> <li>2. Minister Ing. Salamata GAKOU FOFANA</li> <li>3. Dr Uduakobong Aniebat OKON</li> <li>4. Sakwe Itoe MBONE</li> </ol>
Panellists	None
Other contributors	None

## Agenda

10:30 - 10:40 am

Introduction  
Moderator Pr Mary MWANGI,  
Secretary General INWES

10.40 - 10.45 am

Opening remarks

Professor Aminata Kole FAYE  
Former President AFSTech/Sénégal  
Former Coordinator  
I'EARN Project

10.45 - 10.55 am

Presentation of the Warwick-INWES project

Dr Jung Sun KIM  
INWES Chair  
Dr. Jung Sun KIM  
President INWES  
Executive Vice President  
DONGSEO University,  
BUSAN, SOUTH KOREA  
Full Professor  
Department of Science  
Bio-Medical Laboratory

Part 1

10.55 - 11.10 am

Ing. Salamata FOFANA GAKOU, Mali  
Former Minister,  
One of the first 3 female engineers in Mali Participant in the 4 ICWES, AFIMA Chair,  
Former Coordinator FEMSA/FAWE  
Mali

11.10 - 11.25 am

Dr Uduakobong Aniebat OKON, Nigeria

Head of Agricultural Technology Education Unit, University of Uyo,  
1st ARN Chair

11:25 - 11:40 am

Rasmata OUEDRAOGO

PhD in Chemistry

Director, Promotion of Inclusive Education, Girls' and Gender Education

11:40 - 11:55 am

Sakwe Itoe MBONE

Regional Director Plan International,

Emerging Tech Woman Cameroon in Silicon Valley, USA

11:55 - 12:00 am

BREAK

Second part

12:00 - 12:20 pm

Contributions and questions

12.20 - 12.30 p.m.

Closing remarks

Associate Professor Mrs Rufina DABO SARR, ARN Chair, Specialist, Researcher in  
Science Education

Virtual University of Sénégal

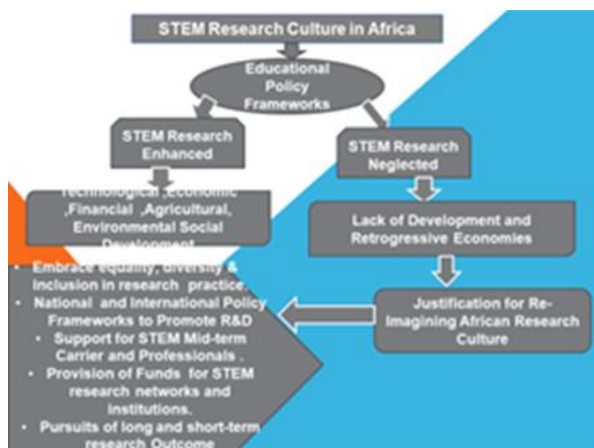
Co-Founder AFSTech/Sénégal

## Report

*Description of content of workshop*

- *Presentations (summary)*

### 1. **Dr Uduakobong Aniebat OKON**



## **2. Ing. Salamata FOFANA GAKOU**

1. Science, Technology, Engineering and Mathematics (STEM)
2. State of the art of STEM in Mali
3. Proposal of a plan for capacity building of girls/women through STEM
4. The actions carried out

## **3. Rasmata OUEDRAOGO**

### **Introduction**

1. Overview of Continental Strategies for STEM Research and Education
2. STEM Education and Research in Burkina Faso
  - STEM education policies
  - Flagship actions
  - Some indicators and evolution
  - Scientific research policy
  - Elements of progress in scientific research
  - Elements of progress in scientific research (CNRST case)
  - STEM Research

### **Conclusion**

## **4. Sakwe Itoe MBONE**

In January 1994, a major step towards macroeconomic adjustment and international competitiveness was taken with the devaluation of the CFA franc in Cameroon causing specific difficulties such as unchecked competition from imports, very limited technology, financing difficulties and, more recently, widespread power shortages.

This was the birth of the importance of technology and STEM education in order to improve product/service quality and to maintain Cameroon's economy in the competitive market.

### ***Contributions/ Questions***

*Several contributions were recorded*

***ARN chair, AT Rufina DABO SARR made the closing remarks***

### **Resources**

*List here any reports, links, websites etc.*

[www.inwes.net](http://www.inwes.net)

[youtube](#)

**Further actions**

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