

# IEEE Africa Council

*Introduction, Structure, Plans 2022-2025*

**Adel M. ALIMI**

# Africa

- ▶ 54 countries
- ▶ 30.3 million km<sup>2</sup>
- ▶ 1.2 billion people
  
- ▶ 11 IEEE sections
- ▶ 06 IEEE subsections
  
- ▶ No IEEE representations in 37 countries ☹️



# IEEE Africa Council (created on 23 June 2018)

8,068 members (9 October 2022)

▶ **14 Members:**

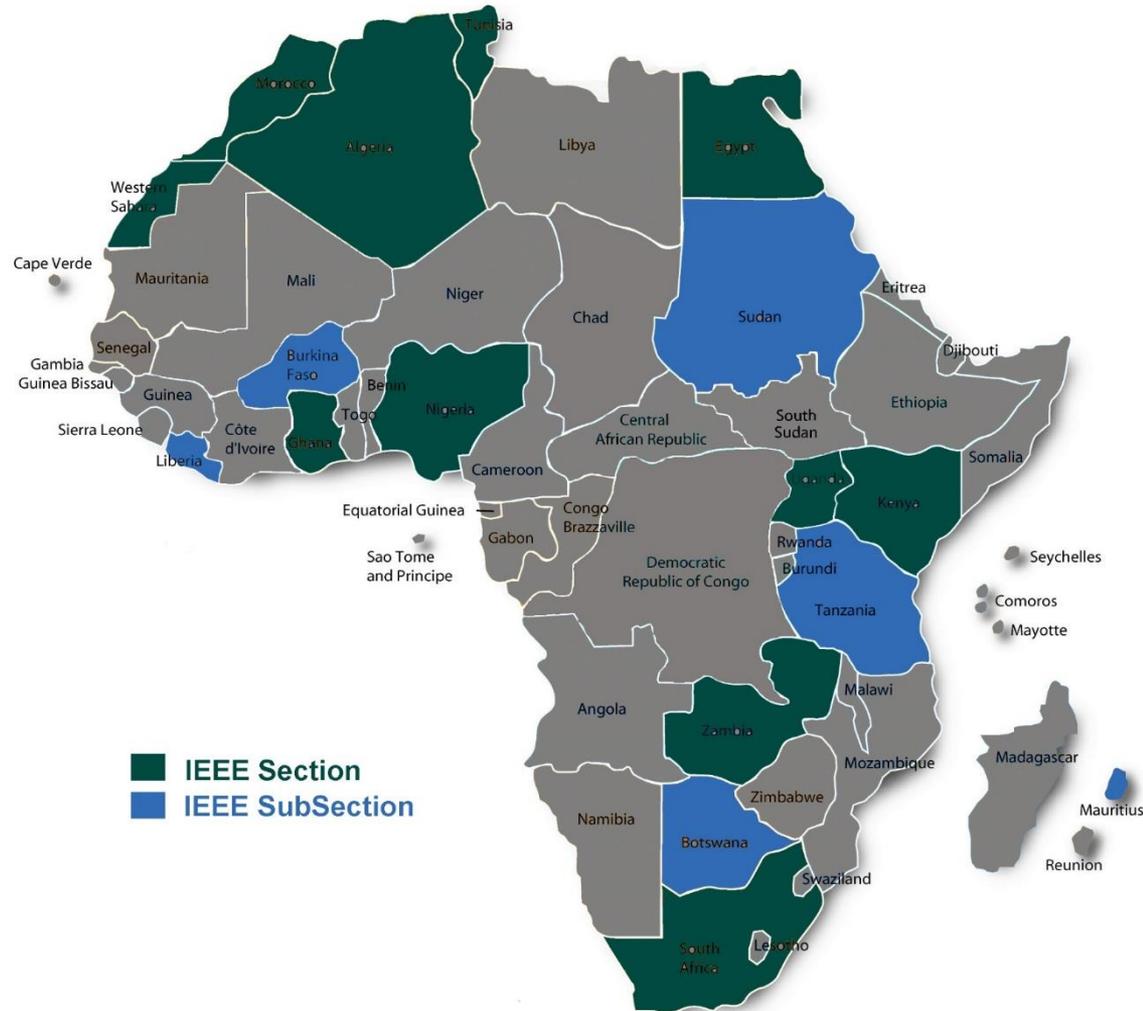
- Algeria (154)
- Ghana (157)
- **Kenya (423)**
- Mauritius (190)
- Morocco (356)
- **Nigeria (808)**
- **South Africa (811)**
- **Tunisia (4,303)**
- Uganda (248)
- Zambia (199)
- *Burkina Faso (18) ??*
- *Botswana (66)*
- *Liberia (7) !!*
- *Sudan (129)*

▶ **2 new members 2022:**

- **Egypt (1,337)**
- *Libya (115; In Process)*

▶ **Not yet members!**

- *Tanzania (76)*



# Memberships

## IEEE OU Analytics

### Members and Affiliates - Dashboard

This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.

- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.
- **Important:** Choose an OU from "Select OU of your Volunteer Role" filter to view customized results for your OU position.

Select OU of your Volunteer Role  
Africa Council

Region  
R8

Grade  
All

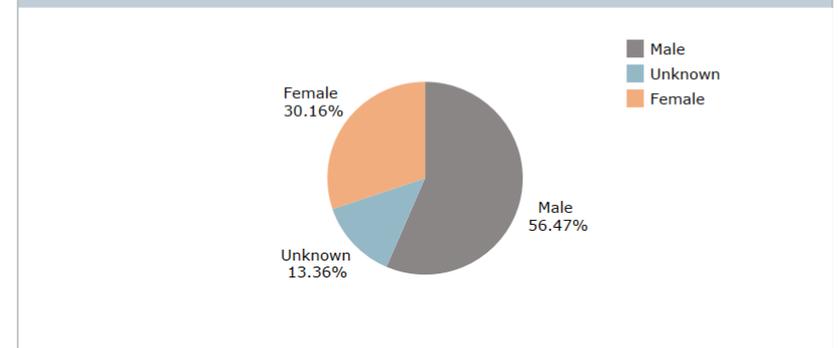
IEEE Status  
Active

HKN Member  
All

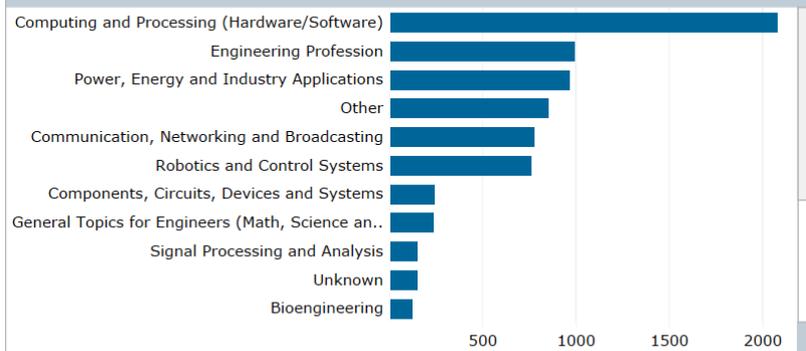
Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total	
R8	Africa Council	Algeria Section	IEEE Grades	Associate Member	11	
				Fellow	1	
				Graduate Student Member	44	
				Life Senior	1	
				Member	44	
				Senior Member	24	
				Student Member	19	
				<b>Total</b>	<b>144</b>	
				Other Grades	Affiliate	2
					<b>Total</b>	<b>2</b>
	<b>Total</b>	<b>146</b>				
	Ghana Section	IEEE Grades	Associate Member	1		
			Graduate Student Member	17		

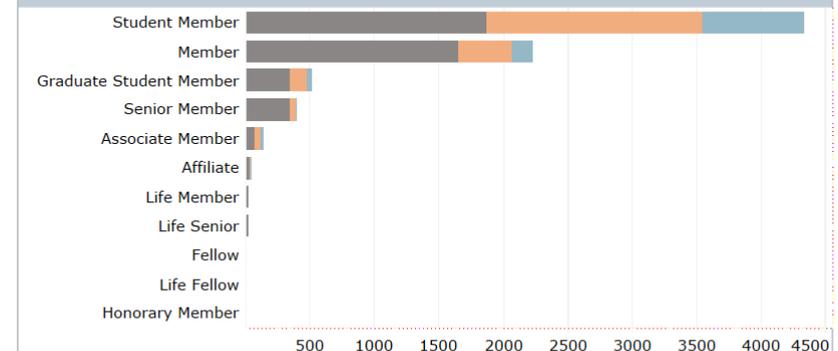
Count by Gender



Count by Technology Focus Area



Count by Grade and Gender



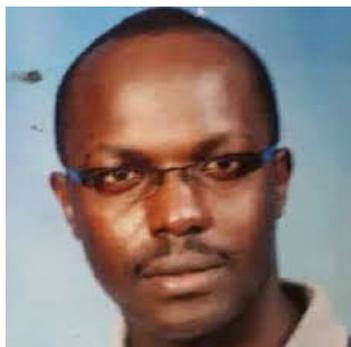
Note: Data displayed is based upon volunteer access privileges.

Data made available through this platform is IEEE Confidential Information. Please review the [IEEE Guide to Classification of Documents policy](#) for more information.

# AC Executive Committee – (2022-2023)



**Adel M. Alimi**  
Chair  
*Tunisia*



**Vincent Egessa**  
Secretary  
*Kenya*



**Abdellah Kouzou**  
Treasurer  
*Algeria*



**Isaac Adekanye**  
Chair Elect  
*Nigeria*



**Vincent Kaabunga**  
IPast Chair  
*Kenya*



**Khmaies Ouahada**  
VC TA  
*South Africa*



**Humphrey Muhindi**  
VC TA  
*Kenya*



**Tarek M. Hamdani**  
VC SA  
*Tunisia*

# Extended Committee – (2022-2023)

- Includes non-Voting Volunteer Members.
- Takes advantage of Africa Sections Volunteers Serving Similar Roles in Region 8 Encourage or Synergy and flow of relevant information.
- Incorporates volunteers into roles to meet specific needs and strategies of AC:  
These Include:-
  - **Vice-Chair, Technical Activities: Prof. Khmaies Ouahada (South Africa)**
  - **Action for Industry: Kithinji Muriungi (Kenya)**
  - **Membership Activities - Peter Lysko (South Africa)**
  - **Professional and Educational Activities: Nizar Rokbani (Tunisia)**
  - **Vice-Chair, Student Activities: Tarek M. Hamdani (Tunisia)**
  - **Membership Development: Ahmed Hassan (Egypt)**
  - **Humanitarian Activities: Abdulateef Aliyu (Nigeria)**
  - **Region 8 Liaison: Magdalena Salazar-Palma (Spain)**
  - **Propose Awards a& Recognition – Vincent Kaabuga (Past Chair)**
  - **Propose Strategic Planning – Vincent Kaabuga)**
  - **Women In Engineering - Sally Musonye**

# IEEE in Africa Strategy

- ▶ Goal 1: Support engineering education and workforce development
- ▶ Goal 2: Build a sustainable community of IEEE members and volunteers
- ▶ Goal 3: Support government policy development and increase opportunities for IEEE to serve as a resource for engineering capacity development

# Africa Council Strategy 2022-2025

- Further the aims and objectives of IEEE
- Coordinate inter Section activities
- Provide support to Sections, etc.
- Promote IEEE activities in Africa

## **Strategic Action Plan 1**

### **Create awareness of IEEE global activities and benefits**

- Recruit volunteers from Africa countries to benefit from available opportunities
- Propagate the activities of AC in the continent, R8 and IEEE
- Encourage Sections' vitality by hosting AC events
- Intensify drive to increase number of IEEE SM and Fellows
- Encourage participation of members in Technical and Educational Activities
- Pursue the goals of IEEE HQ and R8 activities

## Strategic Action Plan 2

### Cordial relationship among Sections

- Ensure regular networking / partnership among Sections
- Collaborate to organize more humanitarian activities by Sections
- Membership drive for IEEE presence in more countries
- Organization of annual technical conferences to be hosted by different Sections
- Mentorship of students and YP with benefit of IEEE membership
- Creation of office/help desk to assist sections' volunteers
- Encourage proper and timely reporting on V tools

## **Strategic Action Plan 3**

### **Sustainable membership drive and retention**

- Recruit members in all 54 countries
- Explore rebate for members in countries special with cases
- Identify Volunteers that can champion new Subsections
- Organise periodical trainings for IEEE Volunteers
- Reach out to Universities, students and Young Professionals
- Recognize volunteers achievements with awards

## Strategic Action Plan 4

### Establish collaboration with other entities

- Engage different underserved groups and geographical areas
- Build partnership on provision of soft skills, mentoring services, and entrepreneurship
- Encourage Sections to collaborate with and support companies, parastatals and government authorities
- Encourage participation of Sections and members in humanitarian activities
- Create opportunities for inter-relationships among the Sections

# IEEE Events

*We need your support!*

- ▶ August 2022: IEEE PES & IAS Power Africa Conference - Rwanda
- ▶ September 2022: IEEE Region 8 SYP - Tunisia
- ▶ November 2022: IEEE Region 8 Conference - Egypt
- ▶ September 2023: IEEE AFRICON – Kenya
- ▶ October 2022 Women In Engineering Paper Writing Event

# Future Initiatives

*We need your support!*

- ▶ Adoption of Sub-Sections by Established Africa Council Sections
- ▶ 3<sup>rd</sup> Africa SYP
- ▶ Roadmap for conferences to be organized across Africa
- ▶ Initiative to Grow Senior and Fellows and in Africa
- ▶ Creation of Life Members Affinity Group
- ▶ Senegal Subsection Formation
- ▶ Niger Subsection Formation
- ▶ EDUCON (Or Similar Event)
- ▶ IEEE Continuous Education Initiative
- ▶ Mobile payment for IEEE members in Africa
- ▶ Connecting Gearbox Europlacer to IEEE Chapters across EAC

# Concerns

- ▶ Funding of Africa Council
- ▶ IEEE membership is still expensive for Africans!



**Thank you!**