YOUNG WATER PROFESSIONALS: KEY ACTORS TOWARDS WATER AND SANITATION DEVELOPMENT IN THE FACE OF CLIMATE CHANGE

Djalia Umutangampundu
AfWA-Programs Technical Officer
YWP Focal Point
1. Description of AfWA YWP Program

2. Milestone and future projects for YWPs

3. Official Launching of Tchadian Young Water Professionals chapter
Young Professional Program (YWP): An AfWA program dedicated to young people between the ages of 18 and 35 who work in the field of water and sanitation or who have an interest in it.

Program objective: to provide opportunities for Networking for career development and support to the sector through:

✓ Supporting and developing activities or initiatives that empower YWPs to contribute to sector programs and provide leadership opportunities;

✓ Establishing a platform for knowledge development and sharing through AfWA events as well as collaboration with other organizations and programs;

✓ Increasing the involvement of young people in the sector through collaborations with national and regional associations.
YWP PROGRAM / OPERATING MODE

- Facilitates the establishment of new national committee
  - Fundraising for YWPs
  - Organization of events for YWPs (Forums, Webinars, training)
- Mobilization of National Committees for their participation in global and regional events
- Monitoring of National Committees activities & Coaching

- Set up the Organization and operation
- Renewal of management bodies
- Action plan development
- Search for partnerships and financing of action plans
- Business development

 AfWA

✓ Share the Action plan
✓ Submit Activity reports
✓ Prepare Invitation for AfWA members to participate in organized events (webinar, training workshop, panel discussion, …)
MILESTONE AND FUTURE COLLABORATION / AfWA - YWP

Number of active AfWA YWP National Chapters

- 2016: 16
- 2019: 16
- 2022: 6
- 2023: 26
- 2030: 54
MILESTONE AND FUTURE COLLABORATION / AfWA - YWP

- **16** YWP National Chapters were created (2013-2019)
- **13** financed projects, with 9 projects completed (2015 – 2016)
- **60** research scholarships (20 scholarships/year) (2016 – 2019): $1000/ student
- **45** research scholarships (2021 – 2024)
- **YWP Forum** during the AfWA Congress (2013, 2016, 2019, 2020, 2023)
- Plan to increase the number of YWP National Chapters
- **Wash Alumni Capacity Enhancement Program**
WASH Alumni Capacity Enhancement Program (WACE)
• African water and sanitation industries have been underperforming for so many years (USAID & AfWA, 2015; USAID&WBI, 2010)

• This is mainly due to insufficient skilled labor within the water sector

• The idea of staying unemployed for a long period makes water graduate students often look for jobs in other sectors different from water and sanitation field

• Consequently, they end up losing the skills and knowledge they acquired.
½ of the global 1.2 billion people who do not have access to improved drinking water sources reside in Africa.
Main Objective:
To improve the employability in WASH sector of skilled alumni graduates

Specific objectives:
1. To track and expose students from the involved university partners to professionals of the WASH sector in Africa
2. To promote research through collaboration of AfWA and partner universities
3. To facilitate start-up projects in the WASH sector by the students and alumni
MILESTONE AND FUTURE COLLABORATION / WACE-METHODOLOGY

1. Tracking graduate students from institutes partners of AfWA and facilitate them doing internships in African countries-based water utilities and other water-sanitation organizations partners of AfWA.

2. Mobilizing students to join Young Water Professional national chapters and a Community of Practice (AfWA CoP Platform)

3. Mobilizing students to attend and present their research findings at AfWA and global WASH events (STC, Congress, scholarship programs, CoP, working groups)

4. Facilitating implementation of innovative projects done by students and alumni graduates
MILESTONE AND FUTURE COLLABORATION / WACE IMPLEMENTATION

• Three-year program (2023-2026)

• Cost: 1.5 million USD

Partner Universities:

➢ Pan-African University Institute of Water and Energie Science, Algeria

➢ MS OpT-International, France

➢ IHE Delft Institute for Water Education, Netherlands

➢ Institut International de l’Ingenierie de l’Eau et d’Environnement (2iE), Burkina Faso
120 students benefitting from internship and employment opportunities with AfWA facilitation:

50% of graduate students joining AfWA STC taskforce

50% of graduates attending and presenting at AfWA and global events on water (Conference, Forum, Competitions)

80% WASH students in graduation class joining AfWA Community of Practice platform for professional knowledge enhancement, field practices and mentorship opportunities

20% of graduate thesis researches Published in scientific journals

12 innovative WASH projects implemented

Thousand Young Water Professionals benefitting from AfWA Community of Practice
More innovative WASH projects

More employability in WASH sector

Research contribution in WASH field
LAUNCHING OF TCHADIAN YOUNG WATER PROFESSIONALS
Thank you for your attention