ONEAD

African Water and Sanitation Association

Association Africaine de l'Eau et de l'Assainissement

AfWASA / AAEA

Programme

98th STC

STRATEGIC AND TECHNOLOGICAL COUNCIL

INNOVATIVE SOLUTIONS FOR SANITATION AND WATER SECURITY IN AFRICA



15–17 NOVEMBER 2026 | **DJIBOUTI PALACE KEMPINSKI**

AFRICAN WATER AND SANITATION ASSOCIATION (AfWASA)

Strategic and Technological Council (STC) 98th Session

THEME: INNOVATIVE SOLUTIONS FOR SANITATION AND WATER SECURITY IN AFRICA

Faced with resource scarcity, this theme is built on a triptych of innovative solutions: non-conventional sanitation and desalination coupled with renewable energy (notably solar), network digitalisation through IoT and remote metering to reduce losses, and the reuse of treated wastewater, sourced from safe sanitation chains, for irrigation and industrial uses. These solutions strengthen access to sanitation, ease pressure on groundwater tables and limit the sector's carbon footprint.

THREE DAYS ON INNOVATIVE SOLUTIONS FOR SANITATION AND WATER SECURITY IN AFRICA

AfWASA's 98th STC Session brings together, from 15 to 17 November 2026 in Djibouti, corporate leaders, researchers, regulators, technical and financial partners, and innovators shaping the future of water security on the continent. Three intensive days structured around ten thematic sessions, to share evidence, innovations and operational experience around innovative solutions for sanitation and water security on the continent — sanitation, desalination, network digitalization and wastewater reuse.

This edition brings together the Association's eight specialist groups — data and innovation, non-revenue water, climate change, sanitation, financing and investment, water quality, management and capacity building, and rural water — together with the sector's leading institutional, financial and technological actors, as well as an Affiliate Members' Forum and a strategic sector dialogue round table. The choice of Djibouti, a pioneer country in Africa for desalination coupled with renewable energy (the Doraleh plant, wind power followed by solar in phase 2), gives this edition strong operational grounding.

This programme details, day by day, the sessions and themes proposed in direct continuity with the work of the 97th STC. The list of moderators and speakers will be communicated as confirmations are received.

The entire AfWASA team thanks you for your participation and looks forward to welcoming you in Djibouti for these three days dedicated to sanitation and water security on the continent.

15 TO 17 NOVEMBER 2026 · Djibouti, Republic of Djibouti · Time zone GMT/UTC+3

DAY 1 · SUNDAY 15 NOVEMBER 2026

TIME	SESSION	SPEAKERS
	07:00 – 09:00 Registration and welcoming of participants	
09:00 - 10:30	**SESSION 1.0: OPENING CEREMONY** *Introduction to the ceremony* *Welcome address by the host organization – ONEAD, Director-General Mr. Mohamed Fouad* *Welcome address by the President of the CST, Eng. Mahmood Lutaaya* *Address by the Executive Director, Mr. Olivier GOSSO* *Address by the Minister for Agriculture, His Excellency Radwan Abdillahi* *Address by the Prime Minister, His Excellency Mr Abdoulkader Kamil* *Screening of the ONEAD promotional video on the CST theme* *Presentation by ONEAD* *Presentation by the Water Directorate (Ministry of Agriculture, Water, Fisheries and Livestock, responsible for Fisheries Resources)* *Group photograph on the podium, followed by the opening of the Open Day by His Excellency the Minister of Agriculture*	
	10:30 – 11:00 · OPENING OF THE JPO EXHIBITION & COFFEE BREAK	
11:00 - 12:30	**Session 1.1: Anticipating water scarcity through data and artificial intelligence** *Theme: Beyond data collection: advancing data-driven decision-making in African water and sanitation services - Africa Utility Data Collaborative (AUDC)* *Specialist Group "Data, Digital Transformation and Innovation"*	**Moderator:** Ramkrishna Paul, Athena Infonomics. **Supervisor of session** ; Mansour Fall, Session Chairperson, *Data, Digital Transformation and Innovation* **Speakers**: 1.Dr. Liban Ismail Abdillahi, Head of the Laboratory for Analysis, Modelling and Optimisation (LAMO) 2. Dr. Mohamed Houmed IBAD, Doctor of Engineering Sciences **Panelists:** 1.Dr.Eng.Ronald Gundamtengo, Lilongwe Water Board 2.Eng. Mahmoud Lutaaya, NWSC 3. Eunice Namirembe, Athena Infonomics

TIME	SESSION	SPEAKERS
12:30 - 14 :00	Session 1.2: Every drop counts - technology for reducing water losses *Theme: In the Face of Increasing Water Scarcity: Digitalisation of Water Networks as a Solution to Reducing Non-Revenue Water in Africa.* *Non-Revenue Water Reduction Specialist Group*	**Moderator:** OUO OUO KOULEMOU, Chairperson, NRW Specialist Group **Panelists:** 1. Latyr Diockel FAYE, Head of Technical and Commercial Services, SEOH, Senegal - Leak detection technologies for NRW reduction. 2. Mr. BA Abdou, Commercial Director, TECHNOLOG - Pressure management and network optimisation through technology. 3. Mr. Sidi Mohamed SENOUCI, Engineering and consultancy, Veolia ENF network performance expert,Djibouti What practices and technologies have been implemented to date to reduce Non Revenue Water and what results have been? 4. Olivier BIARD, LACROIX (Remote) - Remote monitoring and control for proactive NRW reduction.
14:00 – 15:00 Lunch break		
15:00 - 16:30	**Session 1.3: Adapting Africa's water infrastructure to resource scarcity** ***Theme:*** *Water security and carbon neutrality: how innovative solutions strengthen the climate resilience of water and sanitation services in Africa* *Climate Change Expert Group*	**Moderator:** Nipomoussi Isaï Bombiri Chairperson, Climate Change Expert Group **Speakers:** 1.Matar Sylla - Managing Director, Études Réalisations Développement (ER-DEV), Senegal 2. Mahama Sawadogo - Hydrogeology Engineer, ONEA, Burkina Faso 3. Dr. Jalludin Mohamed, Director-General of the Djibouti Centre for Studies and Research 4. TOURE de SENEAU, Deputy Director of Production and Energy Expertise
16:30 - 17:00	*Day 1 summary: overview of discussions, key points and recommendations (Session Rapporteur)*	

17:30 – 19:30 WELCOME COCKTAIL

DAY 2 · MONDAY 16 NOVEMBER 2026

TIME	SESSION	SPEAKERS
07:00 – 09:00 · Registration and welcoming of participants & Day 2 of the JPO exhibition		
09:00 - 10:00	**SESSION 2.0: OPENING OF DAY 2** ○ *Recap on Day 1 activities - Mme Geraldine Mpouma Logmo* ○ *AfWASA- Activity Report - Mr. Olivier GOSSO* ○ *STC Action Plan / Calender - Eng. Mahmood Lutaaya* ○ *Morocco Symposium - Morocco representative*	
10:00 – 10:30· Break		
10:30 - 12:00	**Session 2.1: From sanitation to resource - closing the water cycle in Africa** ***Theme:*** *Regulatory frameworks and fecal sludge management chains as levers for the safe reuse of wastewater amid resource scarcity* Key focus: Strengthening sanitation service chains, operator professionalisation, safe wastewater reuse, resource recovery and sustainable financing. *Sanitation and Off-Grid Systems Specialist Group*	**Moderator**: Mamadou Ndiour, Session Chair **Speakers:** 1.Ms. Ndiaye Adja Babou, DA Senegal. Regulatory responsibilities, authorisations, monitoring and standards for safe wastewater reuse. 2.Mr. Egal Meiraneh, Director of Technical Operations for Wastewater Treatment, Djibouti. Treatment processes, quality assurance, market demand and commercial opportunities for resource recovery. 3.Eve Muhia. Professionalisation of sanitation operators, working conditions, service contracts and sustainable financing of faecal sludge collection. 4.Dr. Károly Kovács, Hungary-Harmonisation of regulations governing effluent discharge from faecal sludge treatment plants (FSTPs).
12:00 - 13:30	**Session 2.2: Making water security technologies bankable** ***Theme:*** *Reducing risk and mobilizing diversified financing for desalination, smart networks and wastewater reuse in Africa* *Water and Sanitation Financing Specialist Group*	**Moderator:** Ikbal Mohamed Abass , CEO ICT-MOONSHOT **Key note speaker;** Faustina Boachie - Building the Financing Architecture for Bankable Water Security Investments in Africa **Speakers:** 1. Mme Fatouma Ahmed, Head of Public-Private Partnerships at MEFIP – Large-scale financing of desalination and renewable energy solutions 2. Nurudeen Salau - Making Smart Water Networks Bankable Through Non-Revenue Water Reduction 3. Dr. Karoly Kovacs - Financing Wastewater Reuse and the Circular Water Economy
13:30 - 14:30 · Lunch break		

TIME	SESSION	SPEAKERS
14:30 - 16:00	**Session 2.3: Water quality in the age of smart technologies** ***Theme:*** *Sensors, IoT and real-time monitoring: securing the quality of water from desalination and reuse in Africa* *Water Quality Specialist Group*	**Session Chair**: Dr. Irene Nansubuga- NWSC, Uganda. **Moderator**: Prof. Sadat Aw. Technology Demonstrations: Salut and HSC Technic Link. **Presenters**: Mansour Fall - Chair, Data and Innovation Specialist Group. **Panelists:** 1. Enos Malambala - NWSC, Uganda 2. Edris Saker - Chad Water Utility 3. M Ali Walib - Directeur de l'Usine de dessalement de Djibouti 4. M Lucien Tytgat, Expert Hydraulique et réseaux AEP, Veolia Oman
16:00 - 17:00	*Day 2 summary: overview of discussions, key messages and recommendations*	

DAY 3 · TUESDAY 17 NOVEMBER 2026

TIME	SESSION	SPEAKERS
07:00 – 09:00 · Registration and welcoming of participants & Day 3 of the JPO exhibition		
09 :00 - 10 :00	**SESSION 3.0: STRATEGIC SECTOR DIALOGUE** ***Theme:*** *Sanitation and water security in Africa: can innovative solutions deliver on their promise amid resource scarcity?*	**Moderator**: Eng. Lutaaya Mahmood **Participants:** Chairs of the expert groups, representatives of development partners, utility executives Mr. Said Khaireh, Secretary-General of the Ministry of Agriculture and Water
10 :00 – 10 :30 Break		
10:30 - 12:00	**Session 3.1: Future-ready institutions for tomorrow's technologies** ***Theme:*** *Building future-ready African water and sanitation institutions to lead, adopt and sustain innovative solutions amid resource scarcity* ***Sub-theme 1:*** *Transformational leadership and institutional readiness for innovation* ***Sub-theme 2:*** *Developing digital, technical and managerial skills for emerging technologies* ***Sub-theme 3:*** *Embedding innovation through sustainable change management, partnerships and knowledge sharing* *Management and Capacity Building Specialist Group*	**Moderator : Prof. Esper Ncube** Supervisor ;Emmanuel Korsah **Speakers:** 1. Tadele Nigusu, Ethiopia - Transformational Leadership and Institutional Readiness for Innovation 2. Ahmet Fadel Gueye, SONES - Developing Digital, Technical and Managerial Skills for Emerging Technologies 3. Valentin BAYER, Directeur général de AWA - Smart Oasis 4. Manon Chenevoy, Head of Strategic and Operational Support and Expert in the Transformation of Public Sector Organizations, Veolia - Embedding innovation through sustainable change management, partnerships and knowledge-sharing
12:00 - 13 :30	**Session 3.2: Water security for all - Pragmatic, inclusive and innovation for serving rural and suburban areas** ***Theme:*** *Diverse sources, safety, Solar pumping, remote metering and innovative management models to sustain rural access to water amid resource scarcity* *Rural Water Specialist Group*	**Moderator**: Getachew Gebreeyessus-Ethiopia **Speakers:** 1.Mr. Fidel Nteziyaremye - Rwanda 2. Ahmed Galil, Djibouti, Head of Department at the Rural Water Management Directorate 3. Nachoian Ahmed, Head of Major Works Department, Djibouti,
13:30 - 14:30 · Lunch break		

TIME	SESSION	SPEAKERS
14 :30 - 16 :00	**Session 3.3: Affiliate Members and Solution Providers Forum** **Theme:** *From innovation to deployment: connecting solution providers, operators and investors around water security and sanitation solutions in Africa*	**Moderators:** Pierre Terrier CEO Apex International Djibouti / Micheline Lawson, AfWASA **Speakers** 1. Francis Loko, Côte d'Ivoire-Envipipes - Rural *& peri-urban sustainable models: supported self-supply* 2. Abdou Ba, Senegal-Technolog -senegal- *Reducing ENF through pressure control and optimized network management* 3. Hazem Zayed, Egypt-Pylon UMP -Egypt - *Smart Metering Solutions for Water Utilities in the Distribution Sector* 4. Lucas Bailly, France - Design and Projects Engineer- *Reducing losses right from the start: the TEC1 RCD pipe and Fusion Pro Service – practical solutions tailored to the realities of Africa*
16:00 - 16:30 **16:30 - 16:45** **19:00 - 23:00**	*General summary: overview of discussions, key messages and recommendations* *Closing address by the Executive Director of AfWASA* **END OF STC PROCEEDINGS AND OF THE JPO EXHIBITION** **GALA DINNER**	
08:00 - 14:00 (Wed. 18 Nov.)	*TECHNICAL TOUR OR VISIT (18 November)*	