



AFRICAN WATER ASSOCIATION

SCIENTIFIC AND TECHNICAL COUNCIL (STC)

SPECIALIZED COMMITTEE 3 : SANITATION-ENVIRONMENT

REPORT
SPECIALIZED COMMITTEE ON SANITATION AND ENVIRONMENT No.3
(SC3)
80th Session of the STC - DJIBOUTI / NOVEMBER 2018

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1. STATUS OF IMPLEMENTATION OF THE SC3 ROADMAP

The SC3 Roadmap was adopted at the Kampala STC of July 2018. From this date to 15 November, 2018, the overall implementation rate stood at 28.25%. The following table provides details for each strategic pillar. Annex 1 provides details according to actions.

Table 1: Roadmap implementation rate according to strategic pillar

SO	DESCRIPTION	IMPLEMENTATION RATE
1	ENHANCE AND ENSURE REGULAR PARTICIPATION OF MEMBERS	50%
2	PROMOTE IMPROVEMENT IN THE QUALITY OF SERVICE AND PERFORMANCE	30%
3	STRENGTHEN THE CAPACITY OF SANITATION OPERATORS AND INITIATE PARTNERSHIPS	8%
4	ESTABLISH WORKING GROUPS ON ISSUES AFFECTING THE SECTOR	25%
TOTAL		28.25%

2. MONITORING OF RECOMMENDATIONS OF THE KAMPALA STC/JULY 2018

The Kampala STC made five (5) recommendations. The update of implementation of these recommendations is as follows: three (3) have been implemented, one (1) is on-going and one (1) has not been implemented as indicated in Table 2.

Table 2: Status of the Kampala recommendations

No.	RECOMMENDATIONS	IMPLEMENTATION
1	The SC3 requests that AfWA gives two (2) working days to the SC, failure of which would mean no relevant brainstorming could be carried out	Implemented
2	The SC3 requests AfWA to undertake advocacy actions with companies for effective and regular participation in STC sessions <u>New recommendation:</u> Institute the transmission of invitation mails to sanitation structures immediately the dates for the	On-going

	holding of the STC meetings are determined to ensure that they participate in large numbers	
3	The SC3 requests AfWA to sponsor 15 members of SC3 to undertake advocacy missions in Member companies for a huge participation in FSM5 and AFRICASAN5 NB: 15 members, i.e. 3 per Region (North, South, East, West and Central) with 1 representative per category of operator	Not implemented
4	The SC3 recommends to the President of the STC in collaboration with the Ex. Dir. of AfWA to appoint the President of SC3 as the focal point for the AMCOW Sanitation Task Force	Implemented
5	Separate the time of the SC meetings from that of the Planning Committee	Implemented

3. REVIEW/ASSESSMENT OF ACTIVITIES OF WORKING GROUPS AND RECOMMENDATIONS

The review and assessment of the activities of the working groups took the form of evaluating the status of implementation, identifying actions to be implemented and recommendations.

3.1. Working Group “Management of faecal sludge”

Achievements

- Structuring of the working group
- Presentation and validation of the strategy aimed at recognising and implementing the Standard ISO 30 500
- Draft ToR of the working group is available

Actions to be implemented

- The members of the working group are urged to validate the draft ToR and propose a work plan to be submitted to the next STC.
- Share the web link of the application “Preparing the Faecal Sludge Flow Chart” with all the members of SC3;
- Share all the documentation related to the thematic area with all the members of the SC3
- Transmit the ISO 30 500 Standard to the Ex. Dir. for wider circulation

Recommendation 1: The SC3 requests AfWA to invite all the member companies to undertake advocacy initiatives with the standardisation bodies of their various countries for the adoption of the ISO 30500 Standard;

Recommendation 2: The SC3 requests the presentation of the strategy for the recognition and implementation of the ISO30500 Standard at a plenary meeting during the next STC Session

3.2. Working Group “Toilet for All”

Achievements

- Structuring of the working group
- Concept Note validated;
- Identification of 4 pilot countries for the creation of National Toilets Association–NTA (Côte d’Ivoire, Djibouti, Burkina Faso and Angola)
- Identification of focal points for each country (4).

Actions to be implemented

- Prepare 4 ToR of the NTAs for the 4 pilot countries based on their concept note;
- Create the 4 NTAs in the 4 pilot countries

Recommendation 3: The Ex. Dir. is urged to support the creation of the 4 NTAs in the 4 pilot countries

3.3. Working Group “Conservation of water resources in Africa and Resilience to Climate Change”

Achievements

- Structuring of Working Group
- Transmission of a bibliographical report on the thematic area of the Working Group
- Draft ToR of the Working Group is available

Action to be implemented

- The members of the working group are urged to validate the draft ToR and to propose a work programme to be submitted to the next STC.

3.4. Working Group “ Sanitation Performance Indicators”

Achievements

- Structuring of the Working Group
- Validation of 15 sanitation indicators
- Identification of 9 pilot companies for monitoring the 15 indicators (ONAD-RCI, ONAS-Senegal, ONAS-Tunisia, ONAS-Mauritania, ONEAD-Djibouti, NWSC-Uganda, LWSC-Zambia, ONEE-Morocco and ONEA-Burkina Faso)

Recommendation 4 : The SC3 requests the Ex. Dir. to ensure the organisation of a workshop for the 9 companies identified for their sensitization regarding the initiative and the validation of the proposed indicators (the definitions, target values, the scope of application).

The list of indicators approved by the SC3 is found in Annex 2.

4. PRESENTATION AND DISCUSSION OF THE STATUS OF RASOP AFRICA

The RASOP Africa Project was presented by its Coordinator, Professor KENGNE Ives. In the area of training and capacity building, 546 operators benefitted and they are from Cameroon, Côte d'Ivoire, Mali, Uganda and Zambia.

Table 3: Update of RASOP Training Initiatives

Ville	Period	DFMF	Cesspool Emptiers	PPP	Total participants
Abidjan	25-29/06/2018	26	38	45	109
Kampala	24-27/07/2018	27	30	30	87
Lusaka	31/07-03/08/2018	34	35	23	92
Bamako	07-10/08/2018	22	37	34	93
Yaoundé	22-31/08/2018	62	46	57	165
TOTAL participants		171	186	189	546

The Committee made the following recommendation: the SC3 recommends the finalisation of the selection criteria of beneficiary cities under the RASOP 2 to enable the cities to express their interest.

Furthermore, the RASOP Coordinator indicated that the project will run up to February 2019.

5. UPDATE ON THE STATUS OF PREPARATION OF AN ANNUAL DIRECTORY FOR AFRICAN SANITATION EXPERTS

Achievements

- ToR prepared
- Requests transmitted
- 14 CVs collected

Actions to be implemented

- Translate the ToR into English
- Ensure that the official requests (correspondence) are transmitted by the Ex. Dir.
- Transmit the requests via the AfWA mailing list.

6. MONITORING AND UPDATE OF THE SANITATION MASTER CLASS PROGRAMME

Regarding the master class programme, the Committee proposed two (2) themes and two countries to host them.

Achievements

- Validation of 2 themes for the sanitation master class;
- Proposal of two host countries

Action to be implemented

- Prepare the ToR of the validated themes

Table 3: Themes and Venues Proposed for the Sanitation Master Class

No.	THEMES	PROPOSED VENUE
1	Diagnostic tool for the management of the non-collective sanitation in African cities (SFD, FSM TOOL BOX etc. Faecal Sludge Flow Chart)	COTE D'IVOIRE
2	Management of Collection, Transportation, Residual Waste Water and Rain Water Treatment Infrastructure Facilities (Performance Indicators, SIG...)	MOROCCO /ONEE

7. CONCLUSION

The SC3 members are urged to participate in the activities of the working groups between the STC sessions in order to implement the actions identified.

ANNEXES

Annex 1: Implementation of the FdR per activity

Annex 2: List of performance indicators approved by SC3

Annex 3: Sanitation indicators approved by SC3

Annex 1 : Implementation of the FdR per activity

SO	DESCRIPTION OF ACTIVITIES	LINK WITH THE PS AFWA	RATE STC KAMPALA JULY 2018	IMPLEMENTATION FROM JULY 2018 – OCTOBER 2018	RATE STC DJIBOUTI NOVEMBER 2018
SO1: ENHANCE AND ENSURE THE REGULAR PARTICIPATION OF MEMBERS OF THE SANITATION AND ENVIRONMENTAL SECTOR AT THE AFWA SESSIONS					50%
1.1	Sensitise and propose new members to join the AFWA sanitation and environmental sector	E 1.3.1.	0%	Identification of potential new members (sanitation) and invitations to the STC	25%
1.2	Undertake advocacy actions among the Leadership of organisations in charge of sanitation in Africa (sanitation facilities companies, sanitation operators, cities endowed with sanitation skills) in order to enhance and ensure their regular participation in AFWA sessions with the view to appointing focal persons during the period of the mandate.		0%	Individual invitations sent to sanitation companies (members or non-members of AFWA) via the Ex. Dir. for: - STC Kampala-July.18 - STC Djibouti-Nov.18	25%
1.3	Create a platform for sharing and interaction with members of the SC3	E 4.1.1.	0%	Interactive Working Group established in July 2018 (group mails)	100%
SO2: PROMOTE IMPROVEMENT IN THE QUALITY OF SERVICE AND PERFORMANCE AMONG MEMBER COMPANIES OF THE AFWA SANITATION AND ENVIRONMENT COMMITTEE					30%
2.1	Identify all sanitation facilities companies, sanitation operators, cities endowed with sanitation skills	E 2.1.2	0%	Partial identification implemented in July 2018	90%
2.2	Establish performance assessment indicators based on categories of operators (sanitation facilities companies, cities endowed with sanitation skills)	E 3.1.2	0%	-	0%

SO	DESCRIPTION OF ACTIVITIES	LINK WITH THE PS AFWA	RATE STC KAMPALA JULY 2018	IMPLEMENTATION FROM JULY 2018 – OCTOBER 2018	RATE STC DJIBOUTI NOVEMBER 2018
2.3	Establish Excellence Awards based on categories of operators (sanitation assets, sanitation operators, cities endowed with sanitation skills)		0%	-	0%
SO3: STRENGTHEN THE CAPACITY OF SANITATION OPERATORS AND INITIATE PARTNERSHIPS					8%
3.1	Develop and implement a training programme (seminar, workshops, training course, etc.) which meets the expectations of members and sectoral needs in order to improve corporate performance	E 2.2.1.	0%	-	0%
3.2	Support the implementation of the Master-Class Programme		0%	-	0%
3.3	Support and monitor sanitation programmes (RASOP, ...)		0%	Support for the validation of RASOP deliverables	25%
3.4	Initiate new partnerships in collaboration with the Ex. Dir.in the area of sanitation and environment		0%	Agreement in principle with ARSO for support in the implementation of the ISO 30 500 Standard	7%
SO4: ESTABLISH WORKING GROUPS ON CURRENT ISSUES IN THE SANITATION AND ENVIRONMENT SECTOR					25%
4.1	Develop and publish an Experts' Directory in the Sanitation and Environment Sector	E 3.1.2.	0%	<ul style="list-style-type: none"> - ToR developed - Requests forwarded - 14 CVs collected 	25%
4.2.	Create and strengthen the working group				
4.2.1	<i>Management of sanitation faecal sludge and tool-box "</i>		0%		25%

SO	DESCRIPTION OF ACTIVITIES	LINK WITH THE PS AFWA	RATE STC KAMPALA JULY 2018	IMPLEMENTATION FROM JULY 2018 – OCTOBER 2018	RATE STC DJIBOUTI NOVEMBER 2018
4.2.2.	<i>Create and strengthen the working group dubbed "Toilets for all, rural sanitation, Standard ISO 30 500 Toilets"</i>	E .2.2.1.	0%	Interactive working group established in July 2018 (on the basis of members present at the STC Kampala -17 members)	25%
4.2.3.	<i>Create and strengthen the working group on "conservation of water resources in Africa and resilience to climate change"</i>		0%		25%
4.2.4.	<i>Sanitation performance indicators</i>		0%	Interactive Working Group established in July 2018 (based on members present at STC Kampala-17 members)	25%
OVERALL RATE: 28.25%					

Annex 2: List of performance indicators decided by SC3

OBJECTIVELY VERIFIABLE INDICATORS (OVI)						Frequency	Producer of data	Control	Nature of State
Description	Definition	Unit	Target Values						
			2018	2019	2020				
ACTIVITY No. 1: EU/EP NETWORKS									
Rate of connections	Number of connected households/total number of households	%							
Response time for unclogging, establishing pipe connections (EU)	Response time for unclogging (i) establishing piping = time taken between the request (written or by telephone) and the restoration of the flow of waste water	Time / unclogging							
Rate of annual preventive dredging of waste water drains (EU)	Rate of annual preventive dredging of waste water(EU) = the ratio between the linear annual preventive dredging carried out and the overall linear of the waste water connections	%							
Rate of annual preventive dredging of rainwater drains (EP)	Rate of annual preventive dredging of PD =the ratio between the linear of annual preventive dredging carried out and the overall linear of the rain water drains EP	%							
Rate of televised inspections	Rate of televised inspections = linears of televised underground channels/linears of total underground connections	%							
Time for breakage repairs	Time for breakage repairs = time elapsing between receiving a request	day							

OBJECTIVELY VERIFIABLE INDICATORS (OVI)						Frequency	Producer of data	Control	Nature of State
Description	Definition	Unit	Target Values						
			2018	2019	2020				
Index of breakages in wastewater (WW) connections	Index of waste water (EU) connections = Number of breakages in WW connections / number of kilometres of WW networks (networks + connections)	Number of breakages/ kms of networks (networks + connections)							
ACTIVITY No. 2: MAINTENANCE OF STATIONS									
Non-compliant discharges	Non-compliant discharges = Time during which the discharge does not comply with standards (STEP and STBV)	Hours							
Rate of availability of pumping stations	Rate of availability of pumping stations= the ratio between the number of days the pumping stations have been operational /and the total number of days of the pumping stations	%							
Rate of availability of treatment plants	Rate of availability of treatment plants= the ratio between the number of days of operational treatment plants/ against the total number of treatment plants	%							
ACTIVITY No 3: CUSTOMERS									
Rate of processing of users' requests	Rate of users' requests processed = the ratio between the number of requests processed and the total number of requests received	%							
ACTIVITE No. 4: NON-COLLECTIVE SANITATION									
Rate of access to non-collective compliant sanitation works	Number of compliant works' facilities*/ total number of facilities	%							

OBJECTIVELY VERIFIABLE INDICATORS (OVI)						Frequency	Producer of data	Control	Nature of State
Description	Definition	Unit	Target Values						
			2018	2019	2020				
Amount of faecal sludge treated in urban communities	Volume of faecal sludge treated/volume of faecal sludge produced	%							
Existence of groupings of cesspool emptying services	Grouping of Cesspool Emptying Services that have a legal basis to exist								
Rate of Certified Cesspool Emptying Service Providers	Number of certified Cesspool Emptying Services/ Total number of cesspool emptying services in the area under review	%							

Annex 3: Indicators approved by SC3

NO.	COUNTRY	SANITATION STRUCTURE	MAILS
01	SENEGAL	ONAS (National Board for Sanitation)	onas@sentoo.sn
02		DELVIC	delvic@delvic-si.com
03	MALI	ANGESEM	assians@yahoo.fr
04	COTE D'IVOIRE	ONAD (National Sanitation and Drainage Board)	info@onad.ci
05		SODECI / Sanitation Division	sodeci@sodeci.ci
06		National Federation of Cesspool Emptiers of Côte d'Ivoire (FNGV-CI)	aviso18@yahoo.fr
07	CAMEROON	CUY (Yaoundé Urban Community)	cturbaine_yde_cm@yahoo.fr mariesolangem@yahoo.fr
08		CAMWATER (Sanitation Division)	soulenkouandou@yahoo.fr
09	SOUTH AFRICA	eTHEKWENI (Water & Sanitation Services)	teddy.gounden@durban.gov.za
10	ZAMBIA	LWSC (Lusaka Water & Sewerage Company)	lwsc@zamnet.zm gndongwe@lwsc.com.zm
11		WASAZA (Water & Sanitation Association of Zambia)	lzulu@zamnet.zm
12		KAFUBU WATER & SEWERAGE Co Ltd	marggiezulu@yahoo.co.uk
13	UGANDA	NWSC (National Water & Sewerage Corporation)	info@nWSC.co.ug silver.Mugisha@nWSC.co.ug
14		KCCA (Kampala City Council Authority)	nbateganya@kcca.go.ug
15	TUNISIA	ONAS	boc@onas.nat.tn
16	TANZANIA	DAWASA (Dar Es Salaam Water & Sewerage Authority)	dawasaceo@dawasa.co.tz
17	KENYA	NCWSC (Nairobi City Water & Sewerage Company)	nairobiwater@nairobiwater.co.ke
18	ALGERIA	SEAAL (Water and Sanitation Company of ALGIERS)	selma.zoubeyri@seaal.dz
19	DJIBOUTI	ONEAD (National Board for Water and Sanitation of Djibouti)	oneadinfo@onead.dj
20		Ministry of Agriculture (DHR)	oneadinfo@onead.dj
21	BURKINA FASO	ONEA (Sanitation Division)	dg@oneabf.com
22	MAURITANIA	ONAS	fadel.onas@gmail.com mlgaouad@yahoo.fr
23	MOROCCO	AMEPA (Moroccan Association for Drinking Water and Sanitation) //	amepa@onee.ma amepa2014@gmail.com
24		ONEE (Sanitation)	aelhidaoui@onee.ma
25		DGCL (Directorate of Water and Sanitation)	aelhidaoui@onee.ma
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