

African Development Bank  
**BUSINESS OPPORTUNITIES SEMINAR**



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**Crowne Plaza Hotel**

AfDB's Activities in the Water and  
Sanitation Sector:  
Strategies and Pipeline of Projects

Water Development and Sanitation Dept.  
(AHWS)



**AfDB BOS**



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# Outline

1. The Water and Sanitation Sector at a glance
2. Context
3. AfDB's engagement in the Water Sector
4. Selected Projects and Activities
5. RDGE.2 Water and Sanitation Portfolio
6. Business Opportunities / Pipeline
7. Opportunities from Portfolio of Active Projects
8. RDGE.2 2017 -2019 Water and Sanitation Pipeline



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# 1. Water and Sanitation Sector at a Glance: Challenges in Africa



## *Infrastructure Deficit: Underdevelopment of water resources*

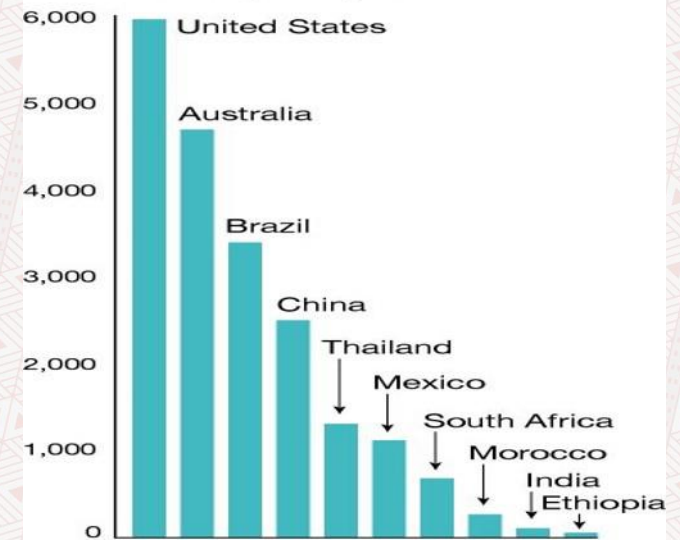
- WSS access: 72% & 39% - MDGs not met
- Low storage capacity and limited resilience to water-related disaster risks (droughts, floods, etc.)
- Low hydropower developed : <5% of potential
- Arable land irrigated: 7%
- **WSS funding gap of USD 6-14bn/year**: about half of what is needed

## *Weak Sector Management and Governance*

- Weak institutions, systems, O&M/sustainability, human capacity
- 80 transboundary water basins; weak regional cooperation
- Insecurity and conflicts
- Low sector priority and visibility



Cubic metres per capita



Source: World Bank, 2005



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## 2. Context

***Water security is key for inclusive and sustainable socio-economic development***

- **Water Specific SDG:** Ensure availability and sustainable management of water and sanitation **for ALL**.

*Water also affects nearly all other SDGs e.g. related to poverty, food/nutrition, education, health, gender, cities, industrialization, ecosystems and cooperation*

- **Africa Agenda 2063** – recognizes water security as a key driver for economic development on the continent
- **At the AfDB** – Water underpins **all the High 5s** and the Bank remains committed to supporting Africa's efforts to attain water security



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# 3. AfDB's Engagement in Water Sector

Water Development & Sanitation Dept. (AHWS)

AHWS leads Bank's work on promotion of sustainable and integrated solutions across the water and sanitation value chain to support Africa's economic transformation



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# The Three Water Trust Funds/Initiatives (hosted by the AfDB)



## RWSSI

- **RWSSI** promotes greater investments for water supply and sanitation in rural Africa – for improved health and welfare
- Opportunity to cover **water for production** in rural Africa



## AWF

- **AWF** supports resource mobilization for water infrastructure devt. as above.
- Portfolio covers water supply, sanitation, water for agriculture; hydropower; water resources mgmt.



## MDWPP

- **MDWPP** supports Bank capacity/ builds water sector knowledge (to link science, policy and practice)
- Has covered **work in all water-related sectors**
- New Strategic Plan in offing; **Concept Note to be shared shortly for inputs**



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# AHWS Portfolio (August 2017)

	Value (UA)	No of Operations	No. of Countries	Multi-national
<b>RDGN</b>	578,485,812.12	14	5	-
<b>RDGE</b>	916,327,776.17	26	12	4
<b>RDGC</b>	200,008,632.62	10	4	1
<b>RDGW</b>	380,368,272.10	16	8	3
<b>RDGS</b>	378,894,288.60	20	7	1
<b>NIGERIA</b>	312,154,692.67	6	1	1
<b>Total</b>	<b>2,766,239,474.28</b>	<b>92</b>	<b>37</b>	<b>10</b>



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# 4. Selected Projects and Activities

## 4a. Uganda LVWATSAN II

The AfDB provided USD 15.69 million grant to provide water supply to the towns of Mayuge, the cluster of Buwama-Kayabwe, Bukakata and Ntungamo.

- The program provided the targeted towns with water supply systems, regional fecal sludge plants, solid water systems and sanitation facilities.
- The program included capacity building and operation and maintenance equipment to the Water Service providers

The program has benefitted a total of 60,000 people in the above 5 towns.

The project is part of The Lake Victoria Water Supply and Sanitation Program (LVWATSAN II) in the five East African Community partner states of Burundi, Kenya, Rwanda, Tanzania and Uganda. The program's objective is to address pollution of the lake through boosting sustainable water supply and sanitation infrastructure to 15 secondary towns within the Lake Victoria Basin.





## 4. Selected Projects and Activities

### *4b. Ethiopia - Harar Water Supply and Sanitation Project - Improving Livelihoods and Enhancing Water Security*

The AfDB provided USD 33 million to provide water supply to 4 towns in distress

- Water production; 75 km transmission line and 115 km distribution network
- 4 booster pump stations to lift water over 1000 m in elevation
- Several storage reservoirs
- Sanitation and hygiene promotion
- Sustainability measures including capacity building

250,000 beneficiaries

- Water revenue collection > 90%, enhancing sustainability;
- Water-borne disease reduced by 75%;
- Time spent by women reduced by 50
- Commercial enterprises such as hotels flourished again, providing jobs.





# 4. Selected Projects and Activities

## 4c. Kenya – Water Services Boards Support Project

The AfDB provided USD 45 million to improve water supply and sanitation services in 4 towns and rural communities.

- 5 new intakes, 100 km transmission lines, storage reservoirs, boreholes and 80 km distribution network
- 85 rural water and sanitation systems including purchase of exhausters
- Sanitation and hygiene promotion
- Institutional development support for sustainability

450,000 beneficiaries

- Improved water revenue collection
- The improved sanitation and water coverage in project area has greatly improved the social and economic wellbeing of the communities. Girls have more time for school attendance, water borne diseases are on the decrease, and Women have time on their hand to attend to other economic activities





## 4. Selected Projects and Activities.

### 4d. *Uganda WSSP I*

The AfDB provided USD 61.46 million loan to provide water supply and sanitation to 20 towns of the central region and rural water and sanitation supply country wide.

- The program provided (i) sector budget support for rural water supply and sanitation to 111 districts and (ii) constructed 3 Large Gravity Flow Schemes (LGFS) in the mountains and 20 Solar Powered Water Systems. The program included construction of 18 new town water works and 7 towns water works rehabilitated.

The program objective was to contribute to the improved health and productivity and reduction of epidemic diseases through use of safe water and sanitation services. It promoted the transition to green growth through use of solar power and gravity flow schemes. It has benefited 2.89 million rural users and 241,400 urban users with clean safe water.

The program is part of sector joint program and has adopted use of country systems.





## 5. RDGE.2 Water and Sanitation Portfolio

Project name	Country	Status	Approval date	Compl date	Approved Aount (UA)	Source of financing
KIGALI BULK WATER SUPPLY PROJECT	Rwanda	APVD	15/12/15	27/04/20	14,057,678.66	ADB Loan
GROUNDWATER ASSESSMENT, AQUIFER MAPPING AND WELL DEVELOPMENT	Eritrea	APVD	18/11/16	30/06/18	467,860.00	ADF Grant
ADDITIONAL FINANCING FOR LOAN AND GRANT FOR ONE WASH NATIONA	Ethiopia	OnGo	30/03/17	30/06/19	2,280,000.00	ADF Loan
ADDITIONAL FINANCING FOR LOAN AND GRANT FOR ONE WASH NATIONA	Ethiopia	OnGo	30/03/17	30/06/19	1,840,000.00	ADF Grant
RWANDA NATIONAL WATER SUPPLY AND SANITATION MASTERPLANS	Rwanda	OnGo	21/11/16	30/06/20	1,640,150.99	AWF
IMPROVING ACCESS TO WATER AND SANITATION IN RURAL SOMALIA	Somalia	OnGo	16/12/16	30/12/20	4,200,000.00	ADF Grant
IMPROVING ACCESS TO WATER AND SANITATION IN RURAL SOMALIA	Somalia	OnGo	16/12/16	30/12/20	1,314,000.00	FSF
IMPROVING ACCESS TO WATER AND SANITATION IN RURAL SOMALIA	Somalia	OnGo	16/12/16	30/12/20	2,075,000.00	FSF
KIKONGE MULTIPURPOSE DAM HYDROPOWER AND IRRIGATION	Tanzania	APVD	27/06/16	31/12/20	1,669,831.69	AWF
AEPA EN MILIEU RURAL ET CENTRES SECONDAIRES DE TADJOURAH, AR	Djibouti	OnGo	27/11/12	31/12/19	3,500,000.00	ADF Grant
AEPA EN MILIEU RURAL ET CENTRES SECONDAIRES DE TADJOURAH, AR	Djibouti	OnGo	27/11/12	31/12/19	2,522,152.91	RWSSI TF



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## 5. RDGE.2 Water and Sanitation Portfolio

Project name	Country	Status	Approval date	Compl date	Approved Amount (UA)	Source of financing
SUPPORT TO THE ONE WATER, SANITATION AND HYGIENE NATIONAL PROGRAMME	Ethiopia	OnGo	08/09/14	30/06/19	60,000,000.00	ADF Loan
SUPPORT TO THE ONE WATER, SANITATION AND HYGIENE NATIONAL PROGRAMME	Ethiopia	OnGo	08/09/14	30/06/19	6,414,675.57	RWSSI TF
ETHIOPIA FOUR TOWNS WATER SUPPLY AND SANITATION IMPROVEMENT	Ethiopia	OnGo	13/01/16	31/12/20	53,496,496.12	ADB Loan
MARKETING & SERVICE CHAIN SUPPORT FOR TOTAL SANITATION IN ARBA MINCH	Ethiopia	APVD	11/06/15	30/09/19	1,008,861.16	AWF
THWAKE MULTIPURPOSE WATER DEVELOPMENT PROGRAM	Kenya	OnGo	30/10/13	31/12/19	61,680,000.00	ADF Loan
THWAKE MULTIPURPOSE WATER DEVELOPMENT PROGRAM	Kenya	OnGo	30/10/13	31/12/19	1,210,000.00	ADF Grant
KENYA TOWNS SUSTAINABLE WATER SUPPLY AND SANITATION PROGRAM	Kenya	OnGo	09/11/16	31/12/21	267,933,029.22	ADB Loan
KENYA TOWNS SUSTAINABLE WATER SUPPLY AND SANITATION PROGRAM	Kenya	OnGo	09/11/16	31/12/21	5,134,564.00	ADF Loan
KENYA TOWNS SUSTAINABLE WATER SUPPLY AND SANITATION PROGRAM	Kenya	OnGo	09/11/16	31/12/21	511,820.00	ADF Grant
KENYA TOWNS SUSTAINABLE WATER SUPPLY AND SANITATION PROGRAM	Kenya	OnGo	09/11/16	31/12/21	1,200,000.00	MIC



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## 5. RDGE.2 Water and Sanitation Portfolio

Project name	Country	Status	Approval date	Compl date	Approved Amount (UA)	Source of financing
MAHE SUSTAINABLE WATER AUGMENTATION PROJECT	Seychelles	OnGo	01/04/15	31/12/20	14,479,409.02	ADB Loan
MAHE SUSTAINABLE WATER AUGMENTATION PROJECT	Seychelles	OnGo	01/04/15	31/12/20	1,200,000.00	MIC
INTEGRATED SANITATION MASTER PLAN	Seychelles	OnGo	22/12/14	15/09/19	902,174.10	AWF
WATER SECTOR REFORMS AND INSTITUTIONAL CAPACITY DEVELOPMENT	Sudan	OnGo	09/09/15	31/12/20	672,574.11	RWSSI TF
WATER SECTOR REFORMS AND INSTITUTIONAL CAPACITY DEVELOPMENT	Sudan	OnGo	09/09/15	31/12/20	15,000,000.00	FSF
WATER INFRASTRUCTURE DEVELOPMENT FOR RESILIENCE IN SOMALILAN	Somalia	OnGo	17/06/16	31/03/20	2,522,152.91	RWSSI TF
WATER INFRASTRUCTURE DEVELOPMENT FOR RESILIENCE IN SOMALILAN	Somalia	OnGo	17/06/16	31/03/20	3,000,000.00	FSF
BUILDING RESILIENCE TO WATER STRESS IN SOMALILAND –BOOSTING	Somalia	OnGo	01/10/14	31/03/19	2,522,152.91	AWF
RESILIENCE WATER PROJECT FOR IMPROVED LIVELIHOOD IN JUBA	South Sudan	APVD	14/07/16	30/12/20	4,950,000.00	FSF
ZANZIBAR URBAN WATER SUPPLY & SANITATION	Tanzania	OnGo	19/12/12	31/12/18	14,000,000.00	ADF Loan
ARUSHA SUSTAINABLE WATER AND SANITATION DELIVERY PROJECT	Tanzania	OnGo	16/09/15	31/12/20	100,967,168.29	ADB Loan
ARUSHA SUSTAINABLE WATER AND SANITATION DELIVERY PROJECT	Tanzania	OnGo	16/09/15	31/12/20	18,000,000.00	ADF Loan
ARUSHA SUSTAINABLE WATER AND SANITATION DELIVERY PROJECT	Tanzania	OnGo	16/09/15	31/12/20	29,521,125.18	AGTF
<b>Total East Region</b>						



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## 5.RDGE.2 Water and Sanitation Portfolio

Project name	Country	Status	Approval date	Compl date	Approved Aount (UA)	Source of financing
KAMPALA SANITATION PROGRAM	Uganda	OnGo	16/12/08	31/08/18	35,000,000.00	ADF Loan
WATER SUPPLY AND SANITATION PROGRAMME	Uganda	OnGo	05/10/11	31/12/17	40,000,000.00	ADF Loan
WATER SUPPLY AND SANITATION PROGRAMME	Uganda	OnGo	05/10/11	31/12/17	3,362,870.55	RWSSI TF
WATER SUPPLY AND SANITATION PROGRAMME PHASE II	Uganda	OnGo	03/02/16	30/06/21	65,800,000.00	ADF Loan
ADDITIONAL FUNDS TO WATER SUPPLY AND SAN	Uganda	OnGo	04/03/15	31/12/18	5,883,138.52	GEF
LAKE VICTORIA WATER AND SANITATION PROGRAM II	Multinational	OnGo	17/12/10	30/12/17	72,980,000.00	ADF Grant
BARO-AKOBO WATER RES. DEVPT STUDY	Multinational	OnGo	19/04/12	31/12/17	468,823.58	NEPAD/IPPF
BARO-AKOBO WATER RES. DEVPT STUDY	Multinational	OnGo	04/05/12	31/12/17	1,681,435.27	AWF
FEASIBILITY STUDY OF THE NYIMUR MULTIPURPOSE WATER RESOURCES	Multinational	OnGo	21/11/14	31/12/18	1,660,503.09	AWF
ELABORATION DU PROGRAMME REGIONAL DE DEVELOPPEMENT INTEGRE D	Multinational	OnGo	16/07/15	31/12/18	1,655,806.84	AWF
<b>Total East Region</b>						



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## 6. Two-Tiered Business Opportunities

Category	Potential Opportunities	Tier 1: At Bank	Tier 2: With RMCs
Services	Consultancy Firms: specialized studies, project design, evaluation, development of tools and guidelines and capacity building for staff	Yes	Yes
	Consultancy Firms: feasibility studies and detailed design; construction supervision, institutional support		Yes
	Individual Consultants: services to Bank/RMCs for directly managed activities; project preparation, evaluation, supervision, Technical Assistance	Yes	Yes
	Audit companies	Yes	Yes
	Operation of Water and Sanitation Infrastructure/service provision		Yes
Goods	Office supplies and equipment; vehicles; specialized equipment		Yes
Works	Water supply, sanitation, water resources infrastructure		Yes



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## 6.1 Other Business Opportunities

- A number of opportunities do exist. These include but not limited to the following:
  - Co-financing/co-development of projects
  - Partnering with Water Utilities in Africa to provide and promote some of the innovative technologies, strengthen their capacities and to improve their operation efficiencies
  - Opportunities in Sanitation related project preparation and implementation
  - As the private sector space broadens there will be further opportunities of working with small and medium size enterprises in Faecal Sludge Management for improved service delivery particularly in the Peri- Urban areas in Africa.



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## 7. Opportunities from Portfolio of Active Projects

Detailed information on all ongoing projects can be found at <http://www.afdb.org/en/documents/project-operations/project-appraisal-reports/#c>

More information on the portfolio of AWF projects can be found at [www.africanwaterfacility.org](http://www.africanwaterfacility.org)



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## 8. RDGE.2 2017 -2019 Water and Sanitation Pipeline

Project name	Country	Approval date	Amount (UA)
RWANDA - SUSTAINABLE WATER SUPPLY AND SANITATION PROGRAM	Rwanda	2017	124
INSTITUTIONAL CAPACITY DEVELOPMENT FOR IMPROVED ACCESS TO WATER AND SANITATION IN PORT SUDAN	Sudan	2017	21
NAIROBI RIVERS BASIN S REHABILITATION AND RESTORATION PROGRAMME: SEWERAGE IMPROVEMENT PROJECT-PHASE II	Kenya	2019	29.85
MULTI-TOWN SUSTAINABLE WATER SUPPLY AND SANITATION PROJECT	Tanzania	2018	65
RURAL WATER SUPPLY & SANITATION PROGRAM	Burundi	2019	8.11
RESILIENT WATER AND SANITATION INFRASTRUCTURE SUPPORT PROJECT (RWSISPRC)	Eritrea	2019	13
EXTENSION OF ONE WASH NATIONAL PROGRAM	Ethiopia	2020	73
THWAKE DAM PHASE I - ADDITIONAL FINANCING	Kenya	2018	
NATIONAL URBAN WATER AND SANITATION PROGRAM	Kenya	2019	164.18
URBAN WATER SUPPLY INFRASTRUCTURE PHASE I (KISMAYO AND BAIDOA)	Somalia	2018	4.7
URBAN WATER SUPPLY INFRASTRUCTURE PHASE II (DOLOW, GALKAYO AND QARDO)	Somalia	2019	8
REPAIR AFGOYE WELL-FIELDS AND WATER PIPELINE TO MOGADISHU	Somalia	2019	3
REHAB JOWHAR OFF-STREAM WATER STORAGE PHASE II	Somalia	2020	8
STRATEGIC TOWNS WATER SUPPLY AND SANITATION PROJECT	Uganda	2018	45
ADDITIONAL FUNDS TO KAMPALA SANITATION PROGRAM	Uganda	2019	19
<b>Total East Region</b>			



**Thank you for your  
attention**



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