

# **Overview of the Water & Sanitation Sector in Nigeria.**

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# Presentation Outline

1. **About PAVE**
2. **Water Crisis – A Global Risk**
3. **Current Situation: Water Supply and Sanitation in Nigeria**
4. **Water Services in Nigeria**
5. **Water Resources in Nigeria**
6. **Consultations**
7. **Opportunities for PWP Members**
8. **PAVE Support Consultancy Services to PWP Members.**

## ABOUT PAVE

- The Pan African Vision for the Environment (PAVE) is a Lagos based non profit, non-political, non-governmental organization established with the aim of promoting sustainable development through research, documentation, policy dialogues, workshops, advocacy and consultancy services.

## ABOUT PAVE

- The chosen mission of PAVE is to act as a catalyst, mobilize, mediate and act directly in several of society's processes dealing with the improvement of quality of life and respect for cultural and biological diversity.

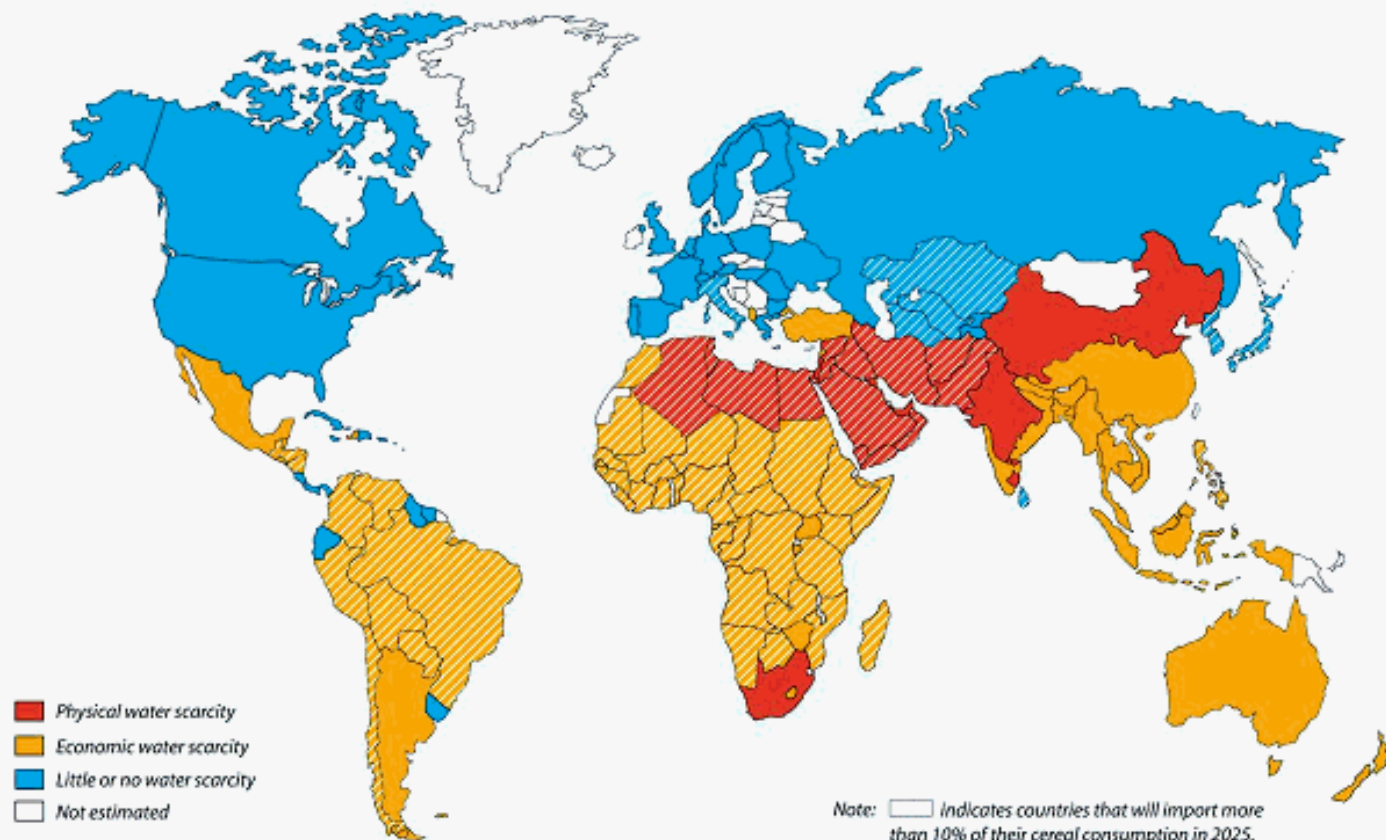
## ABOUT PAVE

- The fundamental objective of PAVE is to act, support and collaborate in the elaboration and dissemination of new approaches, policies and activities related to human development questions.

# **Water Crisis - A Global Risk**

# Global Water Scarcity Projection

## *Projected Water Scarcity in 2025*



***Nigeria is projected to fall within the Economic Water Scarcity frame, due to inadequate investment and management to meet demand***

Economic water scarcity occurs when there is a lack of investment and proper management to meet demand, and is characterized by poor infrastructure. . . [World Watch](#)

## **Current Situation: Water Supply and Sanitation in Nigeria**



# Access to Water in Nigeria: Snapshot of Current Situation

## NIGERIA OVER THE YEARS...(ACCESS TO WATER)

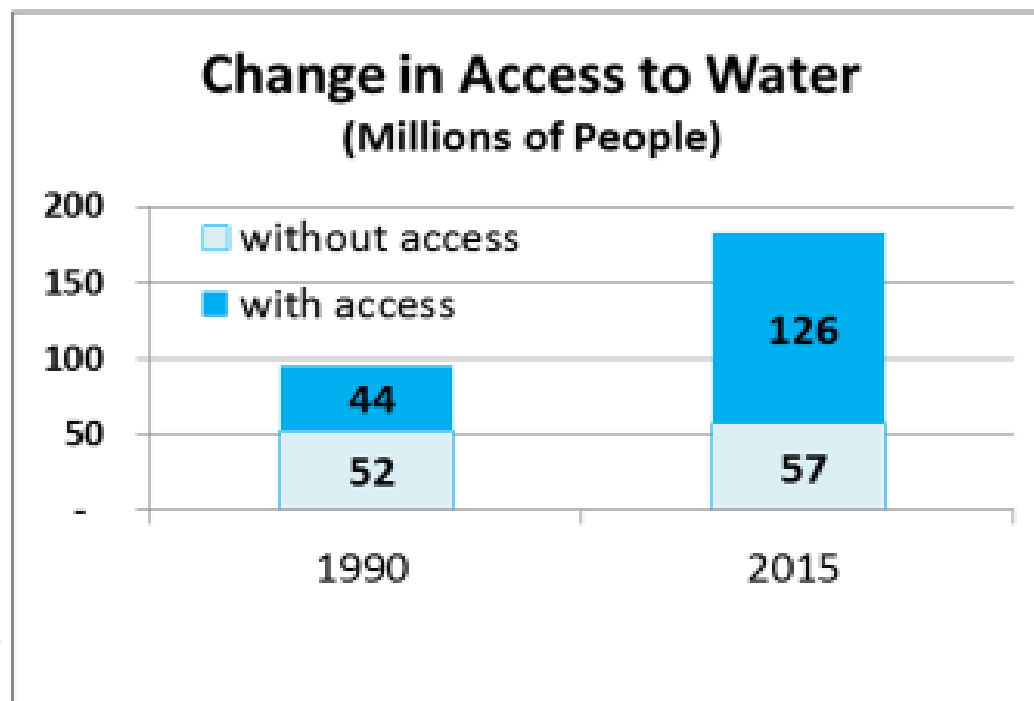


**82 M**

gained  
access  
between  
1990 to  
2013

**3.3 M**

people have  
gained access  
per year



**57 M**

without  
access

Source: 2015WHO/UNICEF JMP data

# Access to Sanitation in Nigeria: Snapshot of Current Situation

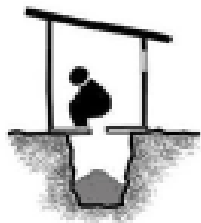
## NIGERIA OVER THE YEARS...(ACCESS TO IMPROVED SANITATION)

**16 M**

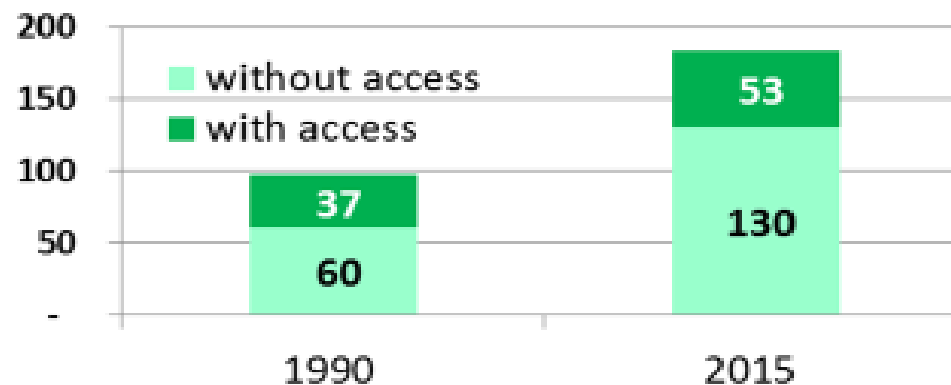
gained  
access  
between  
1990 to  
2013

**0.64 M**

people have  
gained access  
per year



**Change in Access to Sanitation**  
(Millions of People)



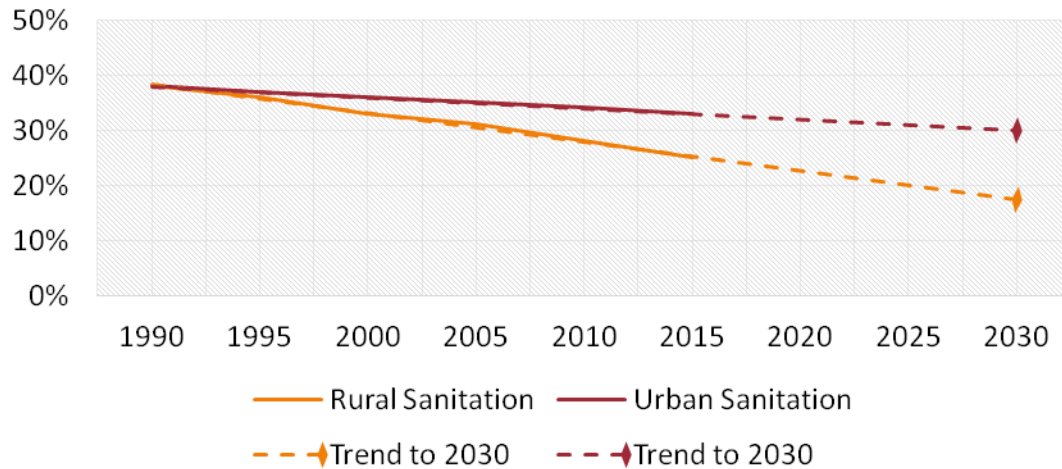
**130 M**

without  
access

Source: WHO/UNICEF JMP data

# Access to Sanitation (Urban & Rural) and OD: Current Trend

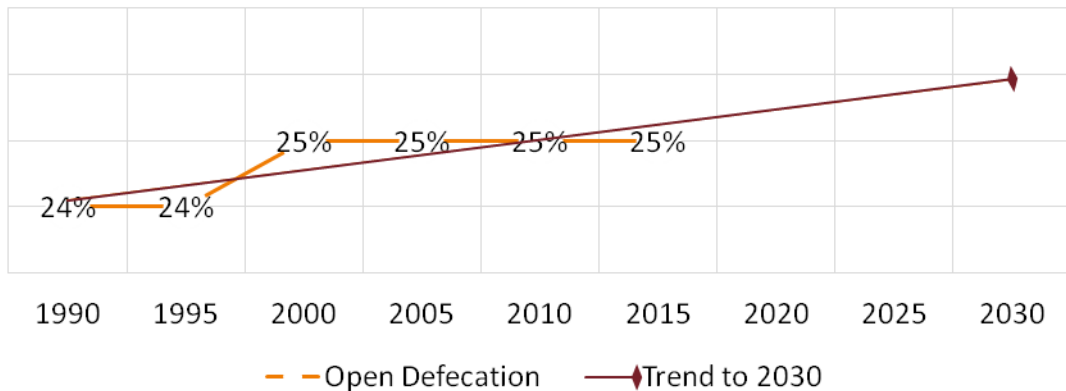
**Trend in Access to Sanitation in Nigeria  
(Rural and Urban)**



*Access to Sanitation  
has been on a  
consistent decline*



**Trend in Open Defecation in Nigeria**



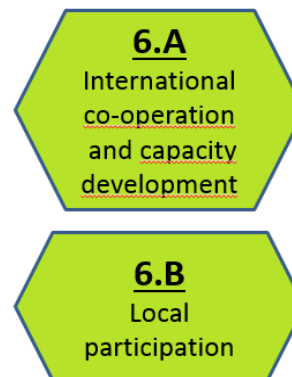
*With the current trend,  
open defecation will  
increase to 36%*



# SUSTAINABLE DEVELOPMENT GOALS



## Means of Implementation



**SDG-Target 6.1:** By 2030, achieve universal and equitable access to safe and affordable drinking water for all.

*Indicator: proportion of population using safely managed drinking water services*

**SDG-Target 6.2:** By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

*Indicator: proportion of population using safely managed sanitation services, including a handwashing facility with soap and water*

# **Water Services in Nigeria.**

## Water Services in Nigeria.

- In Nigeria, the three levels of Government share responsibilities for the provision of water supply and sanitation. At the Federal level, the Federal Ministry of Water Resources is responsible for the formulation and coordination of national policies, allocation of water resources between the state and approving water resources development projects.

# Water Services in Nigeria.

- At the state level, responsibility for provision of potable water supply is vested in the State Water Agency (SWA), which was created by all the 36 states and FCT for that purpose. Each SWA were established under an edict within its respective state to meet sound financial objectives. The SWA, are responsible to their state government through the State's Ministry of Water Resources or other Public Utilities

# Water Services in Nigeria.

- At the Local Government level, each local government has water supply and sanitation unit that is responsible for provision of rural water supply and sanitation facilities in their area although they have limited resources and skills to shoulder the responsibility.



# Water Services in Nigeria.

- Generally, the SWA have also failed to provide efficient water services to the people. The huge gap between the water supplied by public utilities and demand by citizens is augmented by small scale independent water vendors throughout Nigeria.

# Water Services in Nigeria.



# Challenges facing the water supply and sanitation sector in Nigeria.

- **Financial challenges**
- **Commercial challenges**
- **Operational challenges**
- **Institutional challenges**

# Financial challenges

- The sector is in critical need of funds to finance the required investment in water supply facilities development and rehabilitation.

# Commercial challenges

- Most water agencies are not commercially oriented, because of the subvention they enjoy from government, which in most cases are grossly inadequate. They tend to treat water users as consumers instead of customers. Hence, complaints from the customers are usually not given the priority they deserve which in turn makes the customers not to pay their water bills.

# Operational challenges

- Most water agencies are operating in a very constrained environment using facilities whose design capacities cannot be attained because of malfunctioning equipment and plants.

# Institutional challenge

- At the Federal level, there are still problem relating to sector coordination, monitoring and evaluation. At the state level, despite the fact that the edicts that established the SWAs, provide that they operate as autonomous entities, in practice they operate like government departments closely integrated into the civil service. At the local government level, the major challenge is the lack of competent staff for water and sanitation services.

# NEED FOR POLICY

- It is against this background that in the year 2000, the Federal Government came up with the National Water and Sanitation Policy which aims at providing sufficient potable Water and Sanitation to all Nigerians in an affordable and sustained manner through participatory investment by the three tiers of Government, the private sector and the beneficiary communities.



# NEED FOR POLICY

- The elements of the policy objective include but are not limited to the following:
- Ensure affordability of water supply and sanitation services for the citizens.
- Guarantee affordable access for the poor to **basic human need** level of water supply and sanitation services.

# NEED FOR POLICY

- In order to achieve the policy objective the following strategies are enumerated relative to each of the elements of the policy objective.
- Cross subsidy shall be implemented to accommodate the needs of the urban poor. Government shall subsidize for the poor where cross subsidy is not applicable.

# NEED FOR POLICY

- Privatize water supply and waste water services (where feasible) with adequate protection for the poor.
- The Federal Government shall create the enabling environment for private operators to participate in water supply and wastewater services in Nigeria.

# NEED FOR POLICY

- The Federal Government shall promote private sector participation in the water supply industry to attract resources for lasting development of the sector.
- Reform of the water supply and sanitation sector to attain and maintain internationally acceptable standards.

# NEED FOR POLICY

- The National Water and Sanitation in Policy states that the reform agenda is based on the following principles: *Water is an economic good, equity and poverty alleviation, Autonomy of water supply and sanitation service providers, management at the lowest appropriate providers, management at the lowest appropriate level, public participation, and policy making and regulation, role of government.*

# Water Resources in Nigeria

# Water Resources in Nigeria



# RIVER BASINS IN NIGERIA

- The 12 River basin Development Authorities under the Ministry are in charge of hydrological and hydro-geological data. They include the following:
- [Anambra – Imo River Basin Development Authority](#)
- [Benin-Owena River Basin Development Authority](#)
- [Chad Basin River Basin Development Authority](#)



# RIVER BASINS IN NIGERIA

- Cross-River River Basin Development Authority
- Hadejia Jama'are River Basin Development Authority
- Ogun – Osun River Basin Development Authority
- Lower Benue River Basin Development Authority
- Lower Niger River Basin Development Authority

# RIVER BASINS IN NIGERIA

- Niger Delta River Basin Development Authority
- Upper Benue River Basin Development Authority
- Upper Niger River Basin Development Authority
- Sokoto – Rima River Basin Development Authority

# RIVER BASINS IN NIGERIA

- They are to develop and manage surface and ground water resources within their area of coverage, and provide access to safe and adequate water for domestic, industrial, flood control and agricultural purposes to enhance quality of life of the people and promote the socio-economic development of the country. They also provide multi-purpose dams, which supply bulk water for potable water supply.

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# Water Resources in Nigeria

- Other parastatals under the ministry include the following:
- [Gurara Dam Management Agency](#)
- [National Water Resources Institute](#)
- [Nigeria Hydrological Services Agency](#)
- [Nigeria Integrated Water Resources Management Commission](#)

# CONSULTATIONS

# Consultation with Akwa Ibom State Government



# Consultation with the World Bank





# Consultation with the Federal Ministry of Water Resources



# At the Federal Ministry of Water Resources



# Consultation with the Swedish Embassy, Abuja



# Opportunities for PWP Members

# Opportunities for PWP Members

- Water Services Management
- Wastewater Management
- Irrigation
- Waste Management
- Water Services Regulation
- Environmental Management
- Etc

# **PAVE Support Consultancy Services to PWP Members**

# PAVE Support Consultancy Services to PWP Members

- It will be a great pleasure to work with PWP members as a Business Development Consultant for the promotion and marketing of their products and services in Nigeria and Africa.
- PAVE has over 15 years experience in the water sector working at the local, national, regional and international level. This wealth of experience is what PAVE will put at the disposal of promoting PWP members products and services in Nigeria and Africa.

# PAVE Support Consultancy Services to PWP Members

- Going forward, PAVE can with your collaboration and support as a Business Development Consultant for the promotion and marketing of PWP members products and services in Nigeria and Africa perform the underlisted roles:

Develop a marketing/business development strategy for promoting PWP members products and services in Nigeria and Africa.



# PAVE Support Consultancy Services to PWP Members

- Develop sales/marketing channels
- Leverage existing networks, relationships and partnerships to achieve the promotion of PWP members products and services in Nigeria and Africa.
- Register, Set up offices and establish collaborative projects and grow the business in Nigeria and Africa.

# PAVE Support Consultancy Services to PWP Members

- Grow the brand and company (Brand awareness)
- Set up and arrange meetings with key stakeholders both in private and public sector
- Manage key stakeholders
- Deliver sales/corporate presentations to new and key corporate clients and stakeholders.
- Attend, present, exhibit at conferences, exhibitions, events etc as and when necessary.

THANK YOU!!!



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