



**Rivers State**  
**Ministry of Health**

*Programme*  
for



**THE COMMISSIONING CEREMONY**  
**OF THE**  
**PAHF AUTO-DISABLE SYRINGE MANUFACTURING PLANT**



Date:  
Monday, October 27, 2008.

Venue:  
Plant Site  
Rumuosi, East-West Road,  
Obio-Akpor LGA, Rivers State

Time:  
10:00am







## National Anthem

Arise, O compatriots, Nigeria's call obey  
To serve our fatherland  
With love and strength and faith  
The labour of our heroes past  
Shall never be in vain  
To serve with heart and might  
One nation bound in freedom  
Peace and unity.

Oh God of Creation, Direct our noble cause  
Guide thou our leaders right  
Help our youth the truth to know  
In love and honesty to grow  
And living just and true  
Great lofty heights attain  
To build a nation where peace  
And justice shall reign

## National Pledge

I pledge to Nigeria my Country  
To be faithful, loyal and honest  
To serve Nigeria with all my strength,  
To defend her Unity  
And uphold her honour and glory  
So help me God.





Rivers State  
Ministry of Health



**His Excellency Umaru Yar'adua GCFR**  
President, Commander in Chief of the Armed Forces  
Federal Republic of Nigeria





Rivers State  
Ministry of Health



**His Excellency Dr. Goodluck Ebele Jonathan GCON**  
Vice President,  
Federal Republic of Nigeria







Rivers State  
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His Excellency,  
**Rt. Hon Dimeji Bankole CFR**  
Speaker, House of Representatives  
Federal Republic of Nigeria





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**Rt. Hon. Rotimi Chibuike Amaechi**  
The Executive Governor of Rivers State





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His Excellency,  
**Engr. Tele Ikuru**  
The Deputy Governor of Rivers State



Making Zikah Disease Go





Rivers State  
Ministry of Health



**Dr. Sampson T. Parker**  
Hon. Commissioner for Health, Rivers State







## PROJECT OVERVIEW

### PAHF AD Syringe Factory

#### Project Fact Sheet

#### AD Syringes:

**A** tragic contributor to the spread of HIV and other infectious diseases in Africa is syringe re-use. The World Health Organization (WHO) estimates that nearly half of all syringes are re-used in developing countries leading to 100,000 new infections of HIV and millions of infections of Hepatitis B and Hepatitis C every year.

Imagine taking your child for a routine immunization, but having your child become infected with HIV from a non sterile syringe!, AD syringes are a cost-effective and proven means to reduce the spread of infection by preventing syringe re-use. The built-in automatic locking device on AD syringes saves lives by guaranteeing use of a clean syringe for each injection.

In keeping with the national policy on injection safety, NAFDAC has recently directed , that as from April 1, 2009, only AD syringes will be allowed for use in Nigeria.

### PAHF AD Syringe Factory

This factory will produce up to 160 million AD syringes annually, create over 300 local jobs, and use local raw materials. The factory will sell its products at break-even pricing to reputable distributors and re-invest all proceeds to ensure the factory's continuous operation.

PAHF obtained the technology license for the production of the K1 AD syringes from Star Syringe Ltd. of the UK (who are the patent holders of the K1 Technology)

Major contractors and equipment suppliers include:

- MCE Industrietechnik of Austria - Main Contractor
- Cemcon of Austria - Project Engineer/Consultants
- Amtek of Germany - Mould Suppliers
- Engel of Austria- Injection Moulding Machine Suppliers
- Muller and Kurtz of Germany - Syringe Assembly Machine Suppliers
- A & D of Germany - Packing Machine Suppliers
- Sterichem of France - Sterilizing Machine Suppliers
- Gitto of Italy - Civil Works Contractors
- PSJ Company Limited of Nigeria - Civil Works Contractors
- Cummins (WA) Limited of Nigeria - Power Plant Suppliers

### Project Financing

About 90% of the finance for this project was provided by the Rivers State Government. Other contributors include the Federal Ministry Of Health, NDDC, and the Marubeni Corporation of Japan.





## Project Benefits

Production of more than 160 million AD syringes per year, discouraging re-use and increasing the safety of routine injections and immunizations.

Training and jobs for 300 local workers.

Opportunities for local suppliers and producers of raw materials.

The transfer of vital technology and know-how to Africa, fostering self-sufficiency and reducing dependency on donations and imports.

A lasting positive impact on the community.

## Project Rationale

The AD Syringe Factory project meets the Government's, and PAHF's objective of providing sustainable solutions to long term health problems.

## Health Benefits

The WHO has identified inadequate supply of syringes as a key factor contributing to unsafe injection practices in Africa. The Government's, and PAHF's factory will produce up to 135 million AD syringes per year, greatly increasing the availability of this vital supply.

## Economic Development

AD syringes are made from polypropylene, a raw material readily available in the Port Harcourt area. Also, the plant will train and employ local labourers and use local suppliers as much as possible to bring added benefits to the community.

## Long-term Viability

Using private sector best-practices and a scalable business model, the Government, and PAHF will ensure that it can continually meet the area's AD syringe needs. Bulk sales to credible buyers, such as UNICEF and Health Ministries, will ensure syringes safely reach those who need them most.

## Expansion

The Rivers State Government in conjunction with the project technical partners, have initiated plans for the expansion of this base plant, to include the following components:

- Expansion of AD syringe production to at least 500 million syringes p.a.
- Needles manufacturing plant
- Rubber stopper manufacturing plant
- Infusions-giving-set manufacturing plant
- Infusions solution manufacturing plant
- Gas-fired captive power plant

**"An AD syringe, costing only  
7 US cents,  
can save a life by preventing  
syringe re-use"**





**PROGRAMME OF EVENTS FOR  
THE COMMISSIONING CEREMONY OF THE PAHF  
AUTO-DISABLE SYRINGE MANUFACTURING PLANT  
ON MONDAY, 27 OCTOBER 2008  
AT RUMUOSI, OBIO/AKPOR LGA, RIVERS STATE.**

- 9.30am**      **Guests arrive and are seated**
- 10.00am**      **Arrival of H/E, Executive Governor of Rivers State & H.E, Speaker  
House of Representatives**
- 10.05am**      **National Anthem**
- 10.10am**      **Opening prayer**
- 10.15am**      **Welcome address by Dr. Sampson T. Parker,  
Hon. Commissioner, Rivers State Ministry of Health.**
- 10.25am**      **Goodwill message from Chairman Pan African Health  
Foundation(PAHF) U.S.A, Gen. Roger Blunt**
- 10.35am**      **Remarks by the Governor, Rt .Hon. Chibuike Rotimi Amaechi**
- 10.55am**      **Commissioning of the Plant / Speech, by H.E, Rt.Hon. Dimeji Bankole CFR  
Speaker, House of Representatives.**
- 11.00am**      **Plant tour**
- 11.30am**      **National Anthem & Guests depart.**





Rivers State  
Ministry of Health



Injection Moulding Machine



Assembling Machine







NO  
ENTRY







Reducing Africa's Disease Burden

The Pan African Health Foundation (PAHF) is a non-profit, 501 (c)3, organization working to raise health standards and foster economic development in Africa. PAHF's comprehensive new approach creates sustainable solutions by focusing on infrastructure development as a means of addressing the link between poverty and disease.

PAHF's projects are financially self-sustaining in the long term. However, they depend on donations to fund construction.

PAHF's Patrons, Trustees and Supporters include such internationally eminent persons as:

H.E. Olusegun Obasanjo  
Rt. Hon. William Jefferson Clinton,  
Rt. Hon., Earl of Harewood  
Chief Phillip Asiodu  
Chief Paul Achimugu  
Mr. Yuichi Ishimaru  
General Roger Blunt  
Dr. Louis Sullivan  
Amb. Andrew Young  
Dr. Arese Carrington  
Hon. C. Payne Lucas  
Baroness Flather  
Sir Francis Kennedy

