



**ADDAX
PETROLEUM**

Respecting the Environment where children live and grow

Mrs. Grace Amadi.

GM, HSE & Community Relations

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WHO WE ARE AND OUR AREAS OF OPERATION

Addax Petroleum is a subsidiary of the Sinopec Group, one of the largest oil and gas producers in China, the biggest oil refiner in Asia and the third largest worldwide. Our offices are located in Lagos, PH, Owerri and Abuja. More than 90% of the staff are Nigerians and our current production is about 90,000 bopd.

AREAS OF OPERATION

- In Nigeria, Addax Petroleum has a 100 percent interest in two Production Sharing Contracts (PSC) covering four Addax Petroleum operated properties:
 - OML 123 (Offshore, Calabar, Cross Rivers State)
 - OML 124 (Onshore, Izombe Imo State)
 - OMLs 126 and 137 (Both Offshore, Port Harcourt, Rivers State)

- The Company also has interests in:
 - OPL 227 (Shallow Offshore in Bayelsa & Delta States)
 - Nigeria/Sao Tome & Principe Joint Development Zone, Block 1.





What is The Environment

- The world around you is your **environment**.
- The totality of surrounding conditions - air, sun, ground, sky, house, woods; whatever you live within is your environment.
- Living things constantly interact with their environment and organisms change in response to conditions in their environment.
- Environment is defined in various ways by different people.

- To a Sociologist, it means the aggregate of cultural conditions that affect the life of an individual or community. Such conditions as institutions, forms, patterns and processes.

- To a HSE-practitioner, environment encompasses all the physical, chemical and biological factors external to a person and all the related factors impacting behavior. It is targeted towards prevention of disease and creating health-supportive environment. This brings the idea of **environmental sustainability**.
- **Sustainable environment** is the environment that meets the needs of the present without compromising the ability of future generations to meet their own needs.





Respecting The Environment Where Children Live & Grow

43% of the children's (0-14 years) mortality is attributable to poor environmental conditions.

19%–25% of the burden of disease in developing world is linked to environmental factors.

Source:

http://www.who.int/quantifying_ehimpacts/publications/preventingdisease.pdf



Respecting The Environment Where Children Live & Grow

- **Over a Million people – many of them children - try to make a living directly from a massive urban dump site on a daily basis in Nigeria**
- **The UN warns that climate change, increasing urbanization and population growth will further exacerbate the impact of floods in the future.**
- **In 2012, In Nigeria, 363 people, mostly children died by the end of October in the worst flood recorded in 50 years.**
- **In Niger (2012) Over 2 million people displaced mostly children and 618,000 houses destroyed.**

Source:

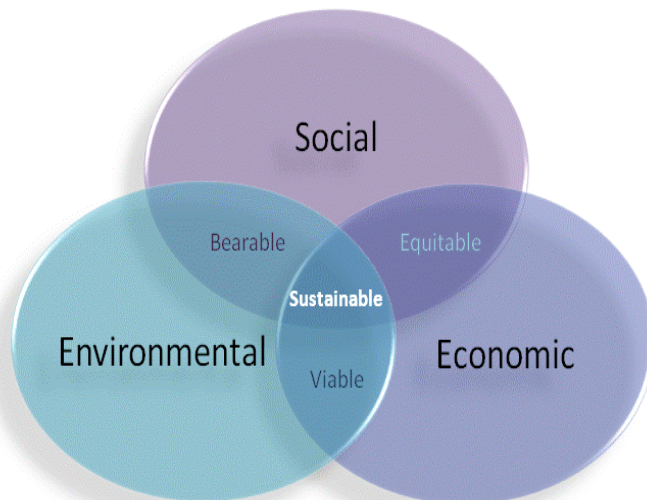
[http://www.who.](http://www.who.int/quantifying_ehimpacts/publications/preventingdisease.pdf)

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- **We all should acknowledge the truth:**
- **Environmental devastation is mostly Man-made**
- **We must think about the welfare and wellbeing of the next generation**
- **We all have a role to play. Small actions, taken collectively, can add up to real change**
- **We must carry out sustainable development to prevent future uncertainty**
- **Environment that meets the needs of the present without compromising the ability of future generations to meet their own needs.**
- **Striking the right balance between economic development, social equity and environmental protection**
- **Incorporating environmental issues into developmental plans**



Respecting The Environment Where Children Live & Grow

- Addax Petroleum ensures environmental sustenance where it operates, especially as it relates to children in the community.
- It will be approached from two view points: the **Physical Environment** and the **Social Environment**.
- **Physical Environment** : To sustain the physical environment in our operations, we carry out:
 - **EIA** for all our projects. – Carried out before project commencement, to identify possible socio-economic and environmental impact
 - **EES** – Carried out during operational stage - serves as early warning study to identify and correct any environmental distortion
 - **EA** – Carried out periodically, to identify gaps and ensure continuous improvement
 - **EMP** – Implement to ensure compliance to statutory requirement and mitigation plan suggested in the EIA studies
 - **Others** : **WMP** ; **OSCP**; **Gas reinjection, CSR etc**
- **EIA is seen as a duty not just means to obtain government permits.**



Environmental Protection is our duty
not a liability



EIA with community participation

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- **Oil spill Clean Up:** We clean up environment whenever there is a spill, even if it is due to sabotage/theft.
- We conduct **regular monitoring of pipes** with a surveillance team on our ROW to identify wellness/weakness early.
- There is a good **Waste Management System** in place.
- We conduct **remediation/ restoration of environment** where necessary like the **conversion of burrow pits to fish ponds in our OML124**. This eliminates case of children falling into burrow pits and sustaining various degrees of injuries.
- We comply with the **State, Federal and International laws/ Regulations** on environmental protection and make use of new technology and best practices.



Izombe Gas Compression station- with trees/flowers around it



Overview of our OML 126/137 Asset in an environmental friendly platform



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CSR: Addax Petroleum Respect For the Environment Where Children Live & Grow

- **Social Environment:** The environment developed by humans as contrasted with natural environment. The aggregate of the social, cultural institutions, forms, patterns and processes that influence the life of an individual or community.

- **CSR :** Partner with our host communities in implementing sustainable community projects

Environmental Health

- ABC methodology
- Community Health promotion/ awareness programs
- Bite Prevention: Distributed insecticide-treated mosquito nets
- Embarked on mobile health delivery services:
 - Involving distribution of eye-related drugs and free eye glasses.
 - Over 2,000 patients benefitted, mainly children.



Addax staff distributing insecticide treated mosquito nets to Children



Our Mobile health delivery services





CSR: Addax Petroleum Respect For the Environment Where Children Live

Environmental Health Contd

- Provided portable water to communities.

This has prevented:

- Water-borne diseases such as diarrhea, cholera, guinea-worm etc.
- Children trekking long distances with bucket over their heads to fetch water from a stream.
- For the 307 pupils of Christian Child Care Centre Owerri in Owerri North LGA of Imo state, the name of Addax is one they will always remember and cherish



Portable Water Point at Amakpu, Imo state

EDUCATION

- Award of scholarships:

- Awards a total of 456 Post-primary & University scholarships annually.
- Out of this, 165 are awarded to students in Post-primary schools.

- To enhance learning, we have built and donated:

- Classroom blocks
- Science blocks
- Reading desks for pupils in Primary and Post primary schools



Science block built at Oron



Science Block at Ezioru



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•Scholarship

In support of the development of qualified manpower in the communities, Addax began to award scholarships to youths at the secondary and tertiary levels.

The company has awarded over **3,539 youths** tertiary scholarships and **3,238** secondary scholarships. Between 1998 and 2011, the company committed over **N402.3** million on scholarship bursary payment.

Currently, every year, **291 new awardees** (new entrants) are given university scholarships and **165** Secondary school awards.

The company is proud that many of the beneficiaries are making very good use of the opportunity as evidenced from some letters of appreciation.

A beneficiary of our university scholarship program. Mr. Henry Chinedu Okonkwo who graduated with a 1st degree in Cell Biology from the University of Lagos was full of gratitude to the company, noting that he wouldn't have been able to make the grade without the financial support from Addax Petroleum

Faculty of Medicine,
Ahmadu Bello University,
Zaria,
Kaduna State.
28 August, 2011.

University Scholarships
Coordinator,

Addax Petroleum Nigeria Limited,
7 Humbesi Street,
Off Trebhan Street,
Wuse II, Abuja.

Dear Sir,

LAST SESSION RESULTS

We write to appreciate you sincerely for the Addax Petroleum University Scholarships awarded us in 2008 (2007/2008 session). We are glad to let you know that we are all now in 4-00L. Attached are all our results for the previous sessions and the one just concluded.

Once again we thank you for all your assistance so far and looking forward to more of your kind generosity for the rest of our stay in medical school. Thank you very much.

Yours faithfully,

Ake Adams Ake

Isaac Friday Gumbo

Akin Haidiza

Mudi Emmanuel

Nickerson P. Nnamanyi

Appreciation letter from some of the scholarship beneficiaries



Look Ahead For the Children

- Deworming-Program
- Production & distribution of books from waste
- Expanding Addax Petroleum Staff Volunteers Club in host communities.



Addax staff (middle) on inspection visit to Effiat (AKS) to see what can be done for the women & children

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- **Addax Volunteers' Club Career Development Workshop with 250 Students from Victoria Island and Ikoyi Public Schools on 14th May, 2013. Donated 200 motivational books to the Children.**



*Addax Volunteers' Club Career Development
Workshop 14th May, 2013*



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