

# Résumé

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**Full Names (Surname first):** ISINGUZO Nnadozie Sunday

**Date of Birth:** 3<sup>rd</sup> July 1957

**Place of Birth:** Ikwuano, Abia State

**Nationality/Religion:** Nigerian / Christian

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**Institutions /Time Attended:** Government College Umuahia  
(1971-1975)  
University of Nigeria, Nsukka  
(1976-1980)  
University of Ibadan, Ibadan  
(1983-1984) and (1985-1987)

**Academic Qualifications:** Ph.D. Petroleum Microbiology (1987)  
MSc. Soil Science (1984)  
BSc. Microbiology (1980)  
London GCE (1975)  
West African School Certificate (1975)

**Languages Proficiency Level:** Fluent in English and Igbo

**General Overview:**

I am an HSE professional with strong environmental and safety project management skills as well as problem solving and analytical competences. My experiences as Team Lead and Manager in SPDC and SNEPCo respectively provided me opportunities to develop leadership skills in HSE, External Relations, Government Liaison, Stakeholders Management and Nigerian Content Development. I had opportunity to originate and document HSE procedures, conduct ISO Certifications and secure FDPs, EIA, EAs approvals. I have the ability to support, plan, direct and motivate those who work with me in both participatory and leadership roles.

Since my voluntary retirement from the Oil Industry, I have been busy mentoring young engineers as HSE Consultants while net working with University dons on major HSE projects. Recently I have been building capacity of participants on Bankable and Viable Projects Management, Environmental Management Systems Application and Equator 11 and 111 Principles for Sustainable Environmental and Socioeconomic Assessment Studies. I have mastery to design, build and transfer Agro based Waste to Wealth Conversion projects.

### **Early Skills Development/ Relevant Specialist Training I undertook.**

1. Environmental Impact Assessment Course. University of Aberdeen U.K (1992).
2. Oil Spill Response and Control. OSRC Thornton U.K (1992)
3. Advance Spill and Safety Management Course, Texas A and M University, USA (1995)
4. Risk Based Corrective Action (RBCA) Training, Thornton U.K (1996)
5. Lead Auditors Course (1998)
6. Contractor Management Guide 1 &2 (2001)
7. ISO 14001 Certification Pre-Audit Training (2002)
8. Modern HSEQ and Risk Management Course, Nigeria, (2003)
9. Basic Offshore Safety Induction and Emergency Training (2004)
10. Auditing in Technical Environment Course (2004)
11. Competence Assessors Training (2004)
12. OHSAS 18001 Awareness Training. (2004)
13. Fountain Application Training (2005)
14. Incident Investigation/Tripod Beta Analysis (2005)
15. HSE Tools and Techniques Training (2005)
16. Communication (CX) Leadership (2008)

### **Membership/Position Held in Professional Bodies/Teams:**

- Member Association of Energy Engineers
- Fellow Nigerian Environmental Society (FNES)
- Member Nigerian Association of Petroleum Explorationist
- Fellow Occupational Health and Safety Association. (FOSHA)
- Member World Association of Soil and Water Conservation (WASWC).
- PRO Oil and Gas Services Providers Association (OSPAN)
- Member Environmental Practitioners Association of Nigeria (EPAN)
- Patron Nigerian Association of Microbiology Students.
- Departmental Librarian, Microbiology Department University of Nigeria Nsukka.
- Secretary, Nigerian Environmental Society.
- Chairman Nigerian Environmental Society, Lagos Island Chapter
- Secretary, Shell PENGASSAN.
- Member Bonga Southwest Project Team
- Member, EA Actualisation Task force.

### **Early Working Experience: 1981-1988**

1. **Food and drug Inspector, Federal Ministry of Health Lagos (1981-1983)**
2. **Consumer Affairs Officer, Federal Ministry of Health Lagos (1983-1985)**
3. **Food and Drugs Analyst, Federal Ministry of Health Lagos (1985-1988)**

**4. Graduate Assistance Department of Agronomy, University of Ibadan (1984-1987)**

**Shell Petroleum Development Company Working Experience: 1988-2008**

**Head, Pollution Prevention and Studies (1988-1992)**

**Key Achievements**

- 1 Originated and supervised baseline, post impact and environmental impact assessment studies.
- 2 Conducted effluent monitoring, carried out result interpretation and quality checks of results.
- 3 Developed waste management procedures and strategy for SPDC.
- 4 Developed and delivered environmental awareness training course for Shell staff and contractors.
- 5 Proposed re-structuring and evaluation of Environmental Department

**Head, Environmental Technical Support (1993-1997)**

**Key Achievements**

1. Environmental Training of Junior and Senior SPDC Staff
2. Provision and supervision of Environmental Sabbaticals
3. Managed environmental compliance and violations with regulators.
4. Developed effluent monitoring procedure and initiated monitoring contracts.
3. Assessed reports and obtained environmental permits for production facilities in Shell.
4. Prepared MSDS and SHOC cards for chemicals used in SPDC.

**Head, Environmental Audit Section (1997-1999)**

**Key Achievement**

- 1, Coordinated environmental compliance monitoring on Shell oil storage facilities in the East.
2. Led and participated in environmental and facility specific audits.
3. Developed air emissions monitoring protocol and initiated associated gas monitoring contracts.
4. Supported preparation for ISO 14001 certification.

**Head, Environmental Special Studies (1999-2002)**

**Key Achievements**

- 1 Planned and executed Environmental Sensitivity Index (ESI) mapping studies to enhance oil spill control and acquire ISO-Certification.
- 2 Provided monitoring data to enabled Area Teams and Asset Teams obtain ISO 14001 certification.
- 3 Initiated and executed pilot on-line water and gaseous emissions monitoring programme for Area Teams.
- 4 Participated in Government and Regulatory engagement on sensitive environmental claims and issues.
- 5 Led a reorganization Team for SPDC Remediation Team.
- 6 Supported biodiversity and conservation studies.
- 7 Participated in emergency and crisis management teams.

## **SHELL NIGERIA EXPLORATION AND PRODUCTION WORKING EXPERIENCE**

### **Head, Offshore Operations HSE (2002-2006)**

#### **Key Achievements**

1. Established a functional HSE Department for SPDC Offshore Division in 2003.
2. Developed Offshore Operations Integrated HSE Plan.
3. Secretary to Offshore Operations Incident Review Panel.
4. Obtained all environmental Permits and Waivers to operate EA and Bonga FPSO.
5. Established Environmental Compliance Monitoring Contract EA FPSO.
6. Initiated Contract for Produced water disposal effect study.
7. Facilitating gap analysis of HSE Global processes e.g. FOUNTAIN
8. Coordinated EA and SNEPCO ISO 14001 certification in 2004.
9. Coordinated OHSAS 18001 pre certification audit in 2003.
10. Coordinated EA HSE Case review.
11. Coordinated documentation of Health Risk Assessment for EA FPSO.
12. Documented Onne Base and Marine Logistics HSE Case.
13. Supervised Fire Risk Assessment exercise for Onne Base Warehouse and Yard.
14. Jointly carried out Incident investigations which occurred at EA/OGGS Assets.
15. Documented, reviewed and approved monthly /quarterly HSE statistics to Regulators & SIEP.
16. Organized quarterly Contractor HSE Fora for Offshore Operations Departments.
17. Focal point for SNEPCO HSE CBD process.
18. Carried out training on Nigerian Legislation to OIM/ MSS/OPS on EA and Bonga FPSOs.
19. Organized PTW/ First Aid/Fire Fighting and Emergency Response Training for Onne staff
20. Documented HSE procedures and work instruction for managing HSE in operations.
21. Participated in SNEPCO Emergency Response duties as a Member of ER committee.

### **Stakeholder Liaison Manager (2006-2008)**

#### **Key Responsibilities and Accountabilities**

1. Ensure compliance with JOA and PSC requirements in projects.
2. Coordinate weekly and monthly reporting of all projects.
3. Ensure required formats and contents and timeliness reporting
4. Manage CSR, SD in major project delivery.
5. Build, enhance and maintain relationships with DPR and NAPIMS and others such as NET Co etc Co-Venturers discipline counterparts.
6. Articulate social responsibility
7. Act as the planning focal point for SNEPCo-led collaborative initiatives
8. Drive the SNEPCo SCD strategy and detailed planning process, obtaining required sign-off
9. Manage Corporate SCD projects.
10. Develop and maintain appropriate and effective stakeholder liaison in projects.
11. Coordinate and facilitate the securing of all Projects Specific Permits and Consents from the relevant authorities.
12. Support the planning of technical presentations and engagements related to projects.
13. Conduct all business in compliance with Shell Group Business Principles.

## **International Working Experience**

### **Canada (Sept-1 to 30<sup>th</sup>, 1996)**

I had exposure in Shell Canada (SCL) with Alberta Energy Utilities Board (EUB) and Alberta Environmental Protection Agency (AEP), Department of Transportation (DOT), Fisheries Commission and Water Resources. Others include; Shell Canada Research Support Centre, Caroline Gas Plant, Shantz Sulphur Plant, Jumping Pound Gas Plant Reclamation and Remediation and Waterton Gas Plant waste treatment facilities.

### **Brunei (October 1 to 30<sup>th</sup>, 1996)**

In Shell Brunei, I reviewed the Environmental Management System, Waste (Asbestos and biodegradable) Management Guide. Others include; effluent monitoring, decommissioning and reclamation processes and reports. I also reviewed some Environmental Impact Assessment and Chemical Management Systems reports and Documents. In addition I participated in audit inspections of two major projects in Anduki Waste disposal and reclamation site and Sungai Bere drilling waste treatment facility in the Sungai Bere Oil Terminal.

### **Malaysia –Sarawak (Nov 1 to 30<sup>th</sup>, 1996)**

My experiences include; exposure to similar environmental concerns and issues experienced in Shell Canada and Brunei. Had workshops with Government regulator, PETRONAS CARIGALI, SDN, BHD. Inspected three terminals Lutong, Labuan and Bintulu and participated in Oil Spill Response drills and HSE implementation program reviews.

## **SENIOR LECTURER, UNIVERSITY OF SCIENCE & TECHNOLOGY, ESUT, ENUGU (October 2008-May 2009)**

### **Key Responsibilities**

1. Lecture in General Microbiology and Brewing Technology.
2. Establish course profile for Petroleum Microbiology and Environmental Remediation.
3. Supervise and Mentor MSc and PhD research students.

## **MD/CEO DOTECON NIGERIA LIMITED (July 2009 to date)**

### **Key Responsibilities:**

Chief Executive Activities of DOTECON NIGERIA LIMITED (See Details in [www.dotechcon.com](http://www.dotechcon.com))  
Lead Consultant, various environmental projects contracted to DOTECON Nigeria Limited.

### **Achievements:**

1. Documented UNDP sponsored Environmental Public Awareness Master Plan (EPAMP) for NESREA, an Agency of Federal Ministry of Environment.
2. Expert Critique of NESREA Guidelines and Standards on Telecommunication and Broadcasting Industries.
3. Expert Review and Critique of NESREA Guidelines and Standards of Base Metal, Iron and Steel Manufacturers and Recycling Sector.
4. Conducted Environmental Compliance Audit for the following companies.
  - a. HYPERIA Limited Internet Base Station, Lagos State (2010)
  - b. BASNIK Telecommunication Limited. Ikeja Lagos State.(2011)
  - c. MAPRON & JELUZ, MJ Limited, Abakaliki Ebonyi State (2012)
  - d. Ebony Rice Plant Ikwo Ebonyi State.(2012)

- e. Demcok Paint Limited Port Harcourt Rivers State.(2013)
- f. Integrated Oil and Gas Apapa Lagos State.(2013)
- g. Nyanya Granite Quarry, Abuja (2013)
- h. Aberdin International Limited, Port Harcourt Rivers State (2014)
5. External Verification and Certification of Oil Spill clean-up sites for Shell Development Company, Nigeria (2012-2013).
6. Demonstration Waste Control Project in Ado Ekiti Ekiti State. NESREA Project executed by DOTECON (2011-2012).
7. Organized World Environment Day Celebrations from 2010-2013.
8. Demonstration of Waste to Wealth Project in Port Harcourt, Rivers State(2012-2013)
9. Conducted EIA for Sterling Global Anieze- Osaomuku Jetty 12 Km Pipeline project.(2012)
10. Conducted EIA for UNIBEN 5-7.5 MW Independent Power Project (IPP) in Benin.(2013)
11. Conducted EIA for Associated Gas to Power IPP for Chevron Jisike Gas Plant.(2013)
12. Conducted EIA for Halden Nigeria Elelenwo Thermal Desorption Unit (TDU) Port Harcourt Rivers State (2014)
13. Training of Total Nigeria Staff on Environmental Aspects of Petroleum Transportation and Sales (2014)
14. Participated in EIA Studies for ETISALAT Transmission Stations in Western Nigeria (2014)
15. Participated in EIA Studies for MTN Transmission Stations in South East and South South Nigeria (2014)
16. Prepared Total Gas Link Staff for ISO 14001 Certification (2014)
17. Documentation of HSE MS for ECOGAS Limited Port Harcourt, Rivers State (2014)
18. Organized Environmental Conference on Effluent Treatment and Management in Lagos Environment.(2013)
19. Organized and hosted first ever ENVIRONMENTAL TRADE FAIR in Lagos Nigeria (2014)
20. Participated in the production of a Communique on Enhancing Legislations for the effective Implementation of Environmental Impact Assessment (EIA) in West Africa” hosted by the House Committee on Environment, House of Representatives, National Assembly, Abuja, Nigeria. (2015)
21. Conducted EIA Studies of Motir Seasphere – Udi Enugu State Solar Energy Project (2015)
22. Conducted EIA Studies field work for UDIPPCO Ayamelum Gas to Power EIA Studies in Anambra State (2016). This project has been on hold since 2016.
23. Packaged and delivered a three days Capacity building on Environmental Management System to 15 Senior Staff of Federal Ministry of Science and Technology, Abuja.(2016)
24. Packaged and delivered 4 days Capacity Development Training on Viable and Bankable Projects Management also for 27 Senior Staff (Directors/Assistant Directors) of Ministry of Science and Technology, Abuja. (February (2017)).
25. Conducted Noise Mapping Studies for Oil Serve Limited in Woji Port Harcourt in December 2017.
26. Conducted EIA Studies for ECOGAS Energy Resources Limited at Sagamu Iperu LPG Plant Site, April 2018
27. Packaged and delivered 4 days Capacity Development Training on Effective Atmospheric Aerosol Management for 27 Senior Staff (Directors/Assistant Directors) of Ministry of Science and Technology, Abuja. (June 2018).
28. Packaged and delivered 4 days Capacity Development Training on Renewable Energy Resources and Technology 41 Senior Staff (Directors/Assistant Directors) of Ministry of Science and Technology, Abuja. (July 2018).

29. Construction of Effluent Water Treatment Plant for Coscharis Rice Mill Plant Igbariam Awka (2020).

## **2018-To Date**

### **HSE Consultant to Greenville LNG Plant**

#### **Responsibilities.**

- Review and support implementation of HSE Management System
- Advice on other HSE Matters
- Develop competent HSE Staff for LNG plant operations
- Ensure compliance with Regulatory bodies in Nigeria
- Support domestication of HSE documentations for LNG Plant operations
- Develop HSE Operational Procedures
- Support Greenville HSE Management Systems

#### **Creative Outputs**

### **Completed Personal Academic Research for BSc, MSc and PhD Theses**

1. Microbial Physiological Properties(1980)
2. Effects of Drilling Mud Additive (XP20) on Microbial Activities in the Soil (1984)
3. Development of Inocula for Rapid Rehabilitation of Oil Polluted Soils.(1987)

### **Research and Studies Completed while in Employment in Shell**

- a. Post Impact Assessment of Ebubu-Ejemah Spill Area.(1990)
- b. Baseline and Impact Assessment of Gbaran-Ubie (1990)
- c. Developed first ever SPDC Umuebule and Elelenwo Integrated Waste Management Facility {IWMF} (1992)
- d. On line gaseous monitoring project.(1992)
- e. Establishment of Waste Composting Site at Obigbo Field.(1993)
- f. Soku/Awoba to Bonny Rich Gas Impact Assessment(1996)
- g. Ebubu-Ejemah Rehabilitation Project.(1996)
- h. Rehabilitation of Sungai Bere drilling chemical dump site in Brunei.(1996)
- i. Nun River / Gbaran / Soku to Bonny Impact Assessment (1997)
- j. Nembe-4 cuttings Re-injection Trials (1997)
- k. Odidi-Forcados Northbank EXPT Gas Line Impact Assessment (1998)
- l. Obigbo North Waste Management Facility Study.(1998)
- m. Bonny Terminal Crude and Prod Water Disposal pipelines studies (1999)
- n. Jones Creek Compressor Station Environmental Evaluation Report (2000)
- o. Bonny Terminal Online water monitoring.(2000)
- p. Environmental Sensitivity Index mapping project (2001)
- q. Impact Assessment of Offshore Gas Gathering System (2002)
- r. Offshore Associated Gas Gathering System certification.(2004)
- s. Bonga Southwest/Aparo field development (2006)

### **Workshop and Seminar Papers Delivered.**

1. **Isinguzo (2000)**, Environmental Issues Management for Senate and House Committee on Environment.

2. **Isinguzo (2001)**, Environmental Issues Management for Members of Public Complaints Committee House of Representative.
3. **Isinguzo (2002)**, Pollution in SPDC environment-Response Strategy in Aquatic Environment to Officers of Navy School, Jaji, Kaduna.
4. **Isinguzo (2003)**, SPDC Environmental Programme for Executive Government Officers in Abia, Akwa Ibom, Bayelsa and Rivers States.
5. **Isinguzo (2002-2004)** SPDC Environmental Programme at SPDC Stakeholders' workshop 2002 – 2004 Edition.
6. **Isinguzo (2004)** Waste Management; Prospects and Partnering with State Governments and Oil Industries.
7. **Isinguzo (2015)** Waste to Wealth Project: Demonstration Project in Ado Ekiti, Ekiti State
8. **Isinguzo (2016)** Microbial Composting in Mining Science and Technology. Bio-mining in Science and Technology. Conference of the Nigerian Society of Microbiology, held at UNN Nsukka. 19<sup>th</sup> to 23<sup>rd</sup> September 2016.

### **Publications:**

1. **N.S. Isinguzo and C.T.I Odu (1989)** Oil Spillage and The Use of Mutant Organisms for Enhanced Biodegradation. Bi-annual Conference on Oil Industry and the Nigerian Environment, Owerri. pp 133-138.
2. **N.S Isinguzo (1990)** Strategy for Pollution Control On Terrestrial Environment. National Emergency Response Conference, ASCON Badagry.
3. **N.S Isinguzo (2000)** Oil Spill Response. A workshop on Sustainable Remediation by Nigerian Environmental Society, Presidential Hotel, Port Harcourt.
4. **N.S Isinguzo (2001)** Current Environmental Concerns and Challenges in Nigeria. Annual Conference of Nigerian Institute of Safety Professionals. In Port-Harcourt.
5. **N.S Isinguzo (2002)** Environmental Protection- Environmental Management Tool for Sustainable Development. 19<sup>th</sup> National Conference and Seminar on Environmental, Health and Safety Competence by National Industrial Safety Council of Nigeria Held at Owerri, Imo State.
6. **O.J Dada and N.S Isinguzo, (2002)** Industrial Approach to Waste Management Issues. Solid Waste Management-Problems/Solutions in the Niger Delta. Nigerian Environmental Society, Rivers State Chapter. pp 58-68.
7. **T.E.T Benebo; N.S Isinguzo and A.A Adebayo (2002)**. Gaseous Emissions Monitoring As A Key Environmental Performance Indicator- The Shell Nigeria Experience: **NAPE 2002 Conference**.
8. **A.T Onianwa, N.S Isinguzo, A.R Oyebanji, O.N Ehenemba and P.O Agbo (2000)**. Environmental Auditing As a Tool for Compliance Verification and Management of Sustainable Development-The Shell Nigeria Experience. Proceeding of Oil Industry and Nigerian Environment.
9. **Isinguzo. N. S and Bello. O.S (2005)**. Polluted Soil Rehabilitation using genetically engineered mix microbial inoculum. International Journal of Food and Agriculture.
10. **Isinguzo. N.S and Bello. O.S (2008)**. Effluent Quality Monitoring As An Effective Means of Determining the Levels of Pollution In Urban Environment; A Case Study In Lagos Metropolis. 2008 Proceeding of Oil Industry and Nigerian Environment. Abuja.



11. **Isinguzo. N.S (2008).** The Impact of Nigerian Content Directives on Community development program; A snapshot Assessment of Antecedents and way out of the predicament. 2008 Proceeding of Oil Industry and Nigerian Environment. Abuja.
12. **Isinguzo N.S (2010).** The Roles of the Regulated Community in Environmental Governance. Proceedings of NESREA 5<sup>TH</sup> Anniversary Stakeholders Workshop, NICON Luxury Hotel Abuja, 2010.
13. **Isinguzo N.S and Ogbonna Emmanuel (2012)** Waste to Wealth: A Green Initiative and Economy Project. Proceedings of Biannual HSE Conference on Oil Industries and Nigerian Environment.
14. **Isinguzo N.S and Akpa Providence (2014)** Innovative Ideas for New and Emerging Occupational Health, Safety & Environment Challenges on Construction Projects in Nigerian Oil & Gas Industry. Proceedings of Biannual HSE Conference for Oil and Gas Industries in Nigerian and Nigerian Environment.
15. **Isinguzo N.S (2015)** Legislative enhancement of EIA Studies in West African Region. Proceedings of International Summit on Enhancing Legislations for effective Implementation of Environmental Assessment in Nigeria and West Africa.