



Future Generations, Local Content and Suppliers

A Perspective from Nigeria

Presented By

Eng. Felix Ogbe

Executive Secretary

Nigerian Content Development and Monitoring Board (NCDMB)



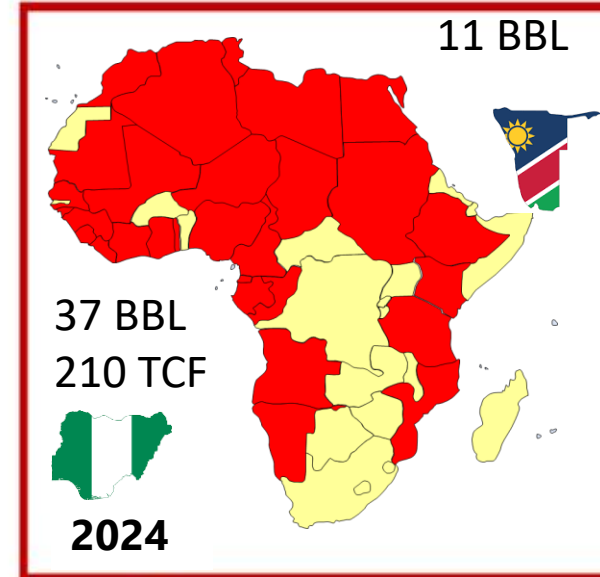
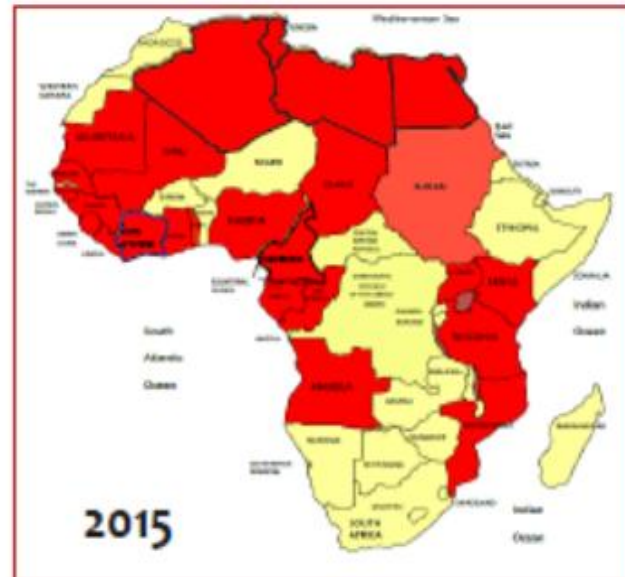
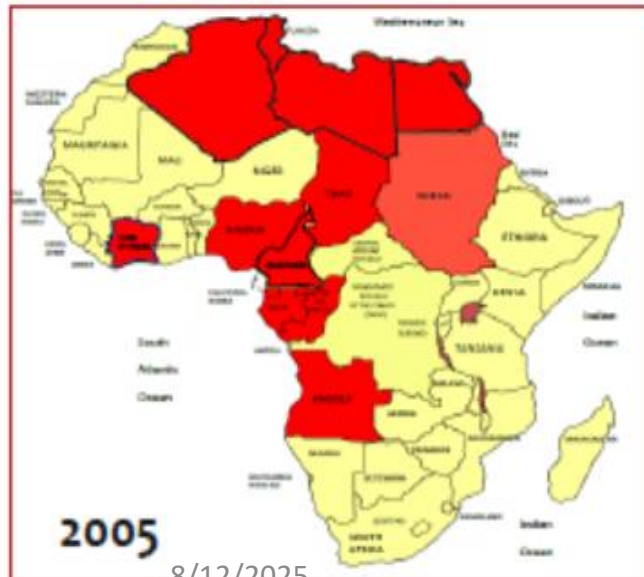
August 12, 2025

(c) Copyright of NCDMB

www.ncdmb.gov.ng

August 2025

Africa Hydrocarbon Map



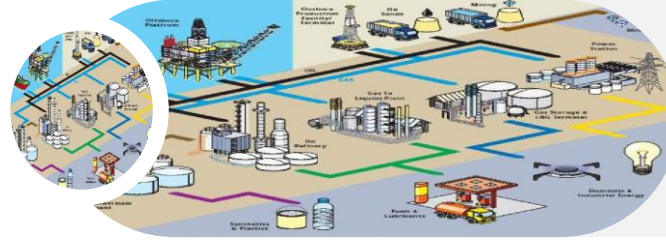
125 BBL
800 TCF
Resource
Rich
Continent

1. Over 10% of global reserves
2. 4% of global consumption
3. 40% of recent gas discoveries in the last 10 years
4. 60% Youth population
5. Namibia - 71.1% is under 25
6. Import dependent

Local Content Value Proposition for Africa



**Research and
Technology
Development**



**Value chain
optimisation**



**Local
Employment**



**Sustainable
operations**



**Strategic
Partnerships**



**Increase production &
utilization of locally
made goods**



**Ownership and
control of assets**



Contribution to GDP

Role of Government in supplier development



Regulatory

Formulation and implementation of policies and monitoring its socio-economic impact

Developmental

Provision of the economic and social capital necessary for the growth of industries

Promotional

Provision of enabling business environment to support production and consumption of goods and services by local supply chain

Technology Development

Contribution to GDP

National security

Sustainable Operations

Supplier Development

.... structured around financial and non-financial interventions.....



Non-Financial Interventions

► Designed to build capacity and access to business opportunities



Access to Market	Capacity Building - TBMS	Research & Devt.	Business Insights	Policy Interventions
<ol style="list-style-type: none">1. Host access to market engagements and fairs with Project promoters2. Facilitate onboarding of small enterprises to Operator's vendor list3. Monitor contracts awarded	<ol style="list-style-type: none">1. Vendor development training2. Subsea systems & FPSO technology3. Business mentorship4. Production Project Mgt.5. Cost engineering6. Fabrication & construction technology	<p>Support companies involved in R&D through the Technology Innovation and Incubation Center (TIIC)</p>	<ol style="list-style-type: none">1. Sponsorship to local & international events - NOGOF , Canada Global Petroleum Show, OTC, APPO conf.2. Access to business insight series on trends in the business environment	<ol style="list-style-type: none">1. Number 1 position in ease of doing business ranking, supported by business process automation and investment in ICT2. Inter-agency collaboration to align pro-production policies

Financial Interventions

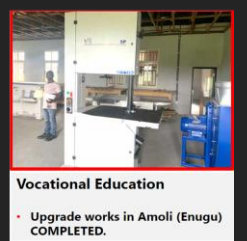
► Designed to facilitate access to finance and promote alliance formation



Access to Finance	Partnership & Collaboration
<ol style="list-style-type: none">1. Beneficiaries awarded NCDMB guaranteed interest free loans through intervention funds for remarkable improvement2. \$300 Million NCDMB-BOI intervention funds and \$50Million NCDMB-NEXIM accessed by suppliers for contract execution, asset acquisition, manufacturing, refinancing, working capital, women entrepreneur development,	<ol style="list-style-type: none">1. Promoting mergers and alliances in contract bidding2. Facilitating B2B partnership agreements

Human Capital Development

...anchored on skills development, institutional strengthening and Internship Programs



Supplier Development Impact Assessment



Remedial Actions across Sub-Capabilities										
Governance and Leadership 192	Visioning	Shareholder visibility	Leadership Strategy	Leadership evaluation	Co-opting strategic expertise	Succession management	Internal and external assurance	Business risk accountability		
	19	3	27	34	26	48	11	24		
Strategic Planning 227	Business strategy development	Business strategy execution	Business performance KPIs	Business performance review	Financial planning/projections	Market segmentation and penetration	Business promotion	Product benchmarking	Strategic networking	
	32	13	33	15	6	33	36	24	35	
Structure and Capability 163	Organisation structure development	Organisation structure detailing	Job Descriptions Development	Access to human resource capabilities	Manpower resource planning	Staff performance management	Staff training			
	14	31	19	1	28	30	40			
Operations, Systems and Processes 354	PPP Manual Update	Compliance checks	Technology adoption	Information management	Equipment ownership	Equipment utilisation	Equipment register Development	Equipment maintenance	Community Engagement	Stakeholder management responsibilities
	36	5	24	29	4	17	12	8	1	11
	Institution of Quality control processes	Institution of Quality systems indicators	Analysis of quality standards	Quality management responsibility	Institution of corrective actions	HSE policy and procedure manuals	Incident reporting	Visible HSE commitment	Bank account administration	In-house maintenance systems
	18	6	48	18	8	2	4	22	1	13
	Working capital assessments	Taxes and deductions	Independent financial audits	Human resource policy development	HR policy adoption	Personnel policy adherence	Compliance with statutory regulations	Stakeholder relationship management	Book-Keeping & Accounting	

Highlights

PMO structure created:
Including representatives from support agencies

Impact assessment:
936 remedial actions delivered including improvement in

1. Governance & Leadership development
2. Strategic planning culture
3. Structure and capability development
4. Operational capacity, systems development and business process documentation and automation

Research and Innovation Ecosystem

..... Amal Smart Gas leak detector PIONEER STARTUP from incubation process

Product features

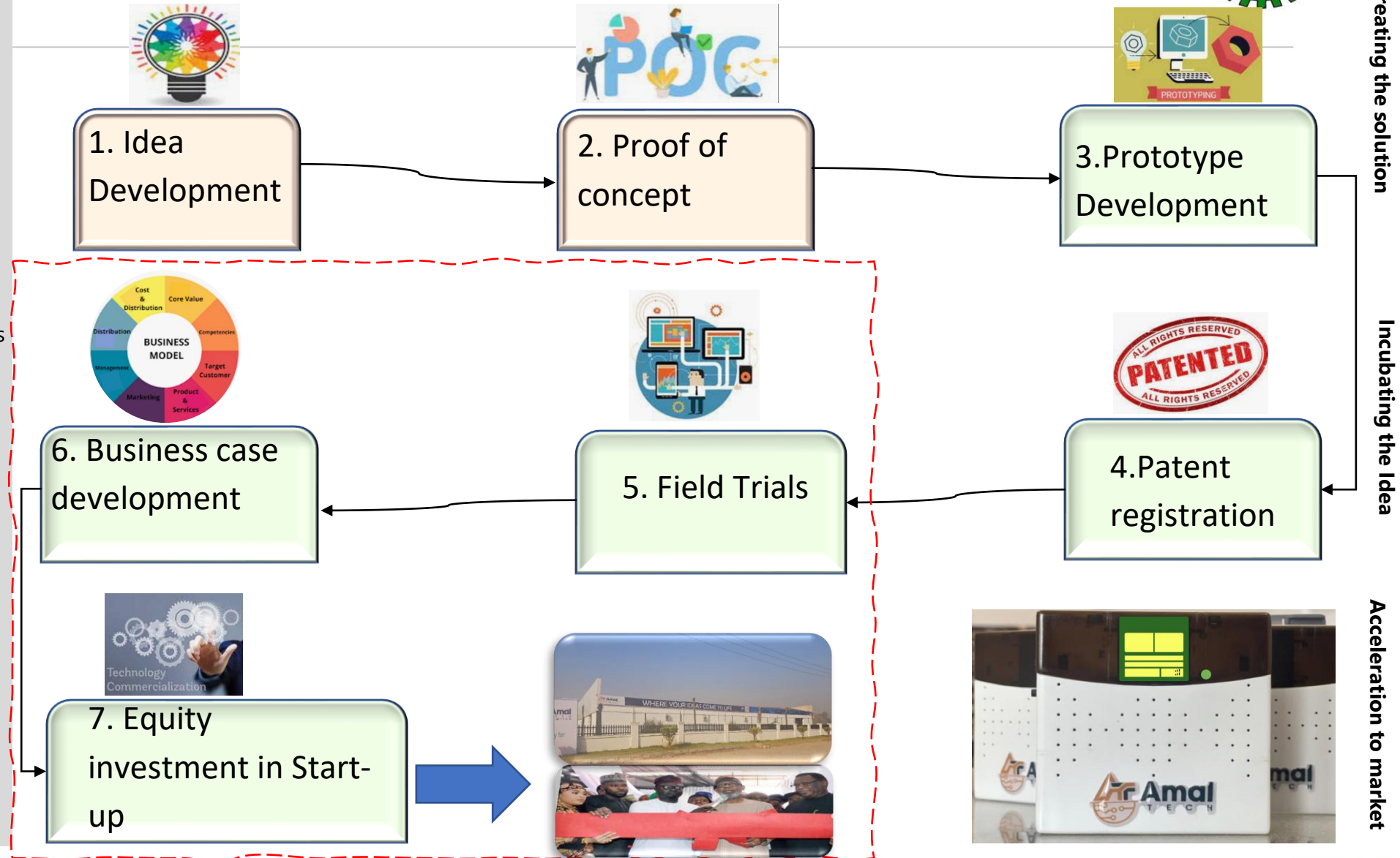
- Detects smoke and combustible gases
- SMS and Call notification
- **WIFI Extender**
- works with smart valve
- Simple and portable
- High sensitivity to LPG and combustible gas
- Fast response time
- Stable and long battery life
- Alarm system
- Power by DC and Internal battery
- Battery last for 10 hours in case of power outage
- Daily SMS notification to check device is working
- App
- Low battery alarm

End users

- Homes
- LPG Cylinder manufacturers
- Offices
- Schools
- Factories
- Fabrication yards
- Gas distribution Centres

Economic Impact

- 465 jobs
- Annual turnover \$22 Million
- Spinoffs--= gas penetration, Printed Circuit Board (PCB), electric metering technology



Key Achievements of NCDMB



FAB & CONSTRUCTION

1.

- Pressure vessels, Galvanized steel structures, subsea structures, and platforms now increasingly fabricated in Nigeria

ewt



HUMAN CAPITAL DEVELOPMENT

2.

- Over 40 trainers under OGTAN
- 15,000 Nigerians trained in technical skills: welding, marine operations, PMT, design engineering.



MANUFACTURING INITIATIVE

3.

- Nigeria Content Equipment Certificate (NCEC)
- Nigerian Oil and Gas Parks Scheme (NOGAPS)
- Export of paints
- Supply of cables for Train 7 project
- Commercial ventures- refining, gas processing



SERVICE SECTOR GROWTH

4.

- Over 100 Indigenous companies
- 13 service offerings
- EPC capabilities
- High impact business clusters



FINANCIAL SUPPORT

5.

Deployment of the Nigerian Content Intervention Fund (NCIFund) — over \$350 million to local companies.

BANK OF INDUSTRY
Commercial Bank of Nigeria



FPSO INTEGRATION CAPABILITY

6.

Partial integration of major FPSOs in Nigeria



The NOGICD Act has significantly **increased fabrication, services, and manpower** in Nigeria's oil and gas value chain.

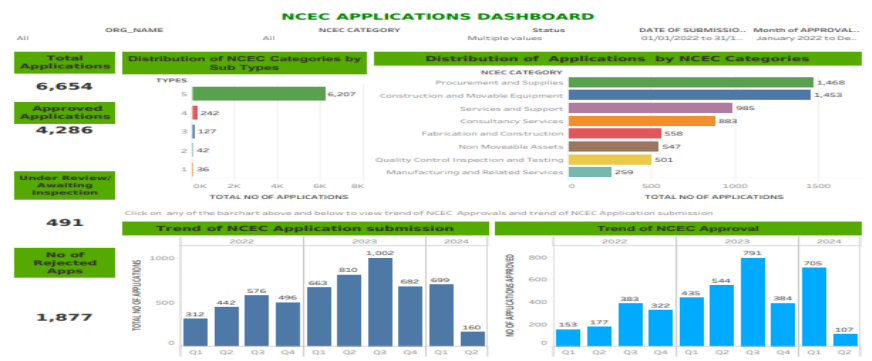
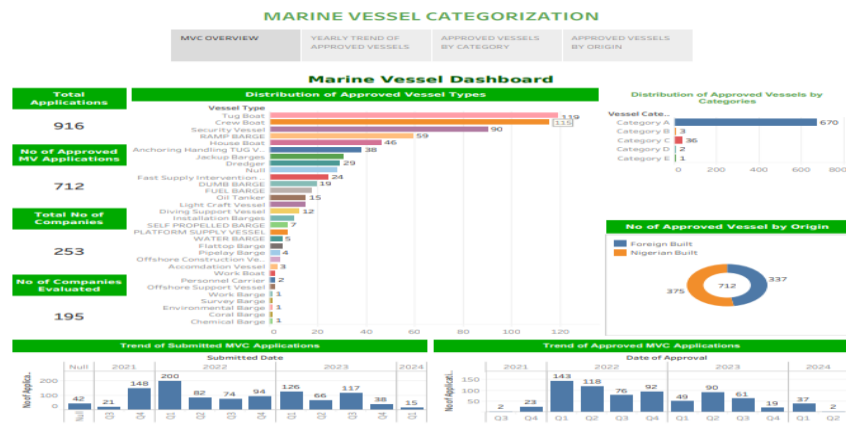
Data Driven Eco-System

The Data



The Tools

For managing data exchange, tender Operators, Service Companies, tenders, equipment, expats, jobs, training, enforcement, etc





Promote Equipment Assembly and component Manufacturing

- Dedicated oil and gas parks
- Frame agreements to attract OEMs
- Apply Rule of origin criteria for First Consideration, tax/tariff incentives

Enforcement of R&D and Technology Transfer

- Reward system for Research breakthrough
- Research Centres of Excellence
- Technology Incubation Centers

Prioritize Gas Based Industrialisation

- Upstream investment
- Gas handling infrastructure – linepipes, storage tanks etc
- Gas based industries –conversion technology
- Local fabrication of LPG cylinders, CNG kits, gas processing units

SME Development

- Targeted financing, certification support, and mentorship
- Investment in Digital Technology
- Adopt co-sharing of services – equipment, manpower, facilities

Investment in Human Capital Development

R&D capabilities – capital goods, digital technology, sustainable operations

Resilient Oil & Gas Supplier Ecosystem

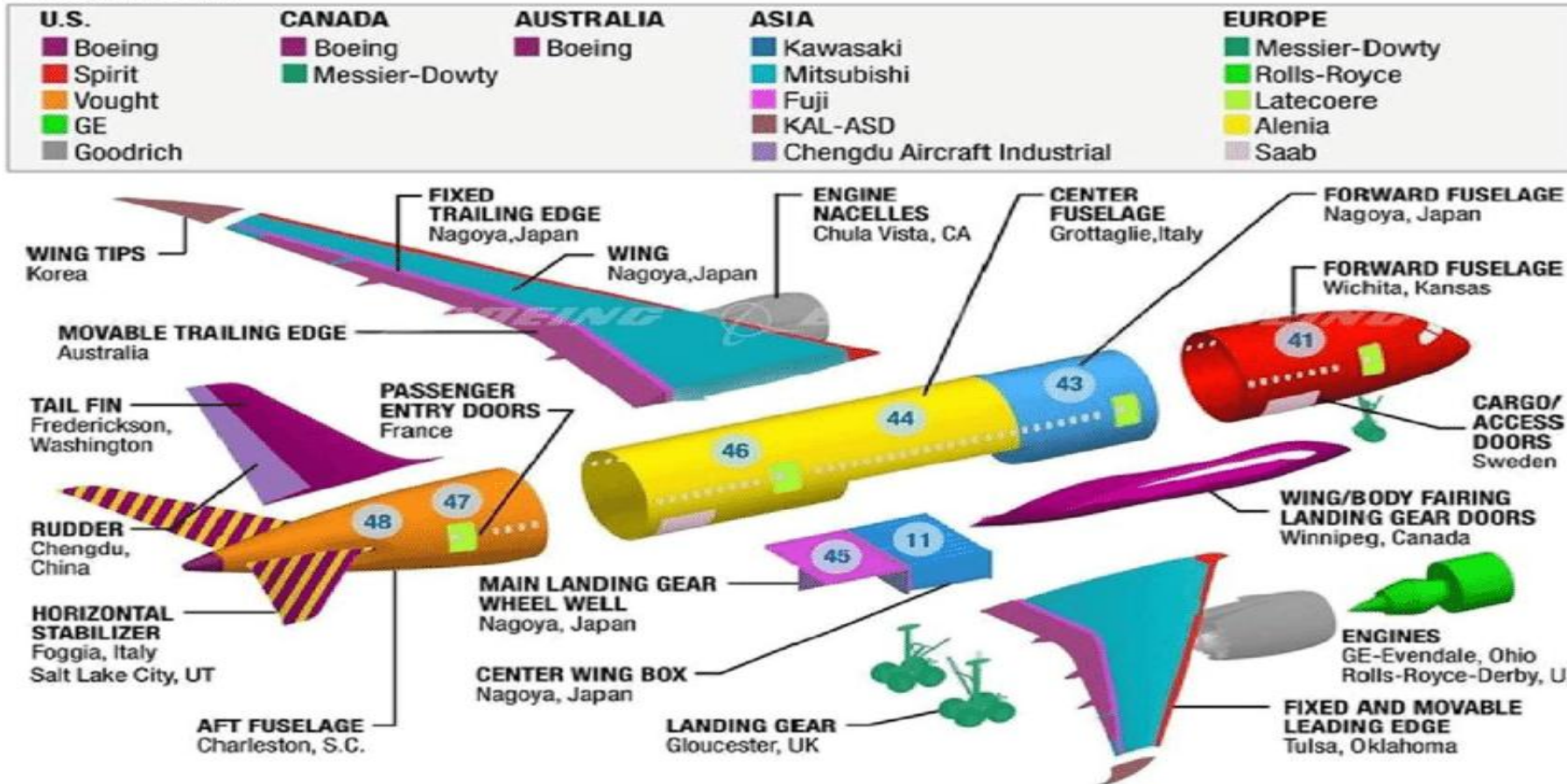
Enabling business environment – simplified business registration, unified tax regime, data base of talents

Trade Agreements- ACFTA, WTO, AGOA, ETLS.



Global Supply Chain – Boeing Company

THE COMPANIES



BUSINESS MODEL

1. Global Supply Chain across over 60 countries
2. Leveraging country specific comparative advantage
3. Annual revenue- \$66.5billion
4. Investment in R&D –6% of annual Revenue (\$3.812 Billion)
5. 172,449 employees
6. Country-to-country tariff agreement

Boeing's global supply chain. Source: The Boeing Company.

Conclusion



- ✓ Local Content implementation is not a sprint; it's a marathon
- ✓ Local Content is not CSR; it is a business.
- ✓ Local Content is not at-all-cost
- ✓ No one-size-fits-all solution; local peculiarities are key considerations
- ✓ Local content law is for ALL; not ONLY for foreign companies or expats
- ✓ Local content takes time, consistency, and coordination.
- ✓ Capacity building must include grassroots and underserved communities
- ✓ No projects; no local content practice
- ✓ Stakeholder engagement is essential—government, operators, communities, and suppliers.
- ✓ Transparency builds trust and ensures long-term participation.
- ✓ Local content should not exclude foreign investors-blend of local and foreign investors .
- ✓ Namibia is at a pivotal moment—decisions now will shape its energy future.
- ✓ Embed local content early through law, institutions, and investment in people.

Nigeria is ready to partner with Namibia and other African nations to build an energy sector that empower people and drive shared prosperity



Picture Speak Achievements



FPSO Integration Yard – SHIMCI, Lagos

Manufacturing & Assembly



1. NCEC holders
2. ISO certification
3. Project delivery track record
4. Funding support
5. Opportunity for partnerships



Bell Oil & Gas Pipe Spooling Facility



Cameron Valve Assembly



Cables manufacturing



Protective paints

Hydrocarbon Development



Local content opportunities



1. Construction & fabrication



2. Materials



3. Human capital development & services



Fabrication Yards Upgrade



**SAIPEM Heavy Fabrication Yard
Port Harcourt**

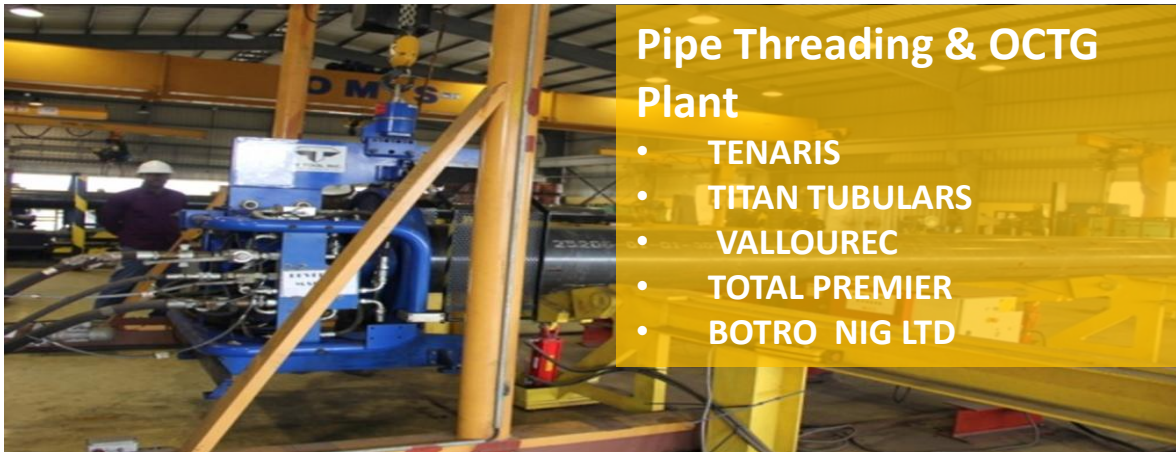


EWT Heavy Fabrication Yard
Flare Knock-out Drum fabricated by EWT for
EGINA FPSO project



**Pipe Threading & OCTG
Plant**

- TENARIS
- TITAN TUBULARS
- VALLOUREC
- TOTAL PREMIER
- BOTRO NIG LTD



**YULONG STEEL LEKKI
HSAW Pipemill**



Nigerian Content Tower
Yenagoa, Bayelsa State
Nigeria

Thank You



Contact us



info@ncdmb.gov.ng



@officialncdmb



@officialncdmb



www.facebook.com/officialncdmb



officialncdmb



070000ncdmb