

Seizing Opportunities from Oil and Gas Development:

Standards, Guidelines and Certification to Enhance Local Participation

Presentation at the CSCO Workshop - GULU

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Presentation Outline



The 4 Pillars of the UNBS Mission

Standardization & Trade Facilitation

Drivers of Application of Standards in the Oil & Gas Sector

Which Standards may be Important to your business?

How do you Demonstrate that you meet Requirements?

How UNBS can Support You to take Advantage of Opportunities in the Oil & Gas Sector, including other Regional Markets (EAC, COMESA, SADC, EU)

UNBS Mission



provide standards, measurements and conformity assessment services for improved quality of life

THE 4 PILLARS OF OUR MISSION



- Support Ugandan industry to create competitive advantage;
- Promote fair trade to protect the integrity of the Ugandan Market;
- Help build trust in Ugandan products/services to enhance access to both local and international markets;
- Protect Ugandan Consumer and promote fair trade.

Standards & Trade Facilitation

TRADE FACILITATION – FRAMEWORK CONDITIONS .r.t. STANDARDIZATION



CONFORMITY ASSESSMENT, METROLOGY & ACCREDITATION

SUPPLIER

VALUE CHAIN

MARKET

STANDARDS, TECHNICAL REGULATIONS & SPS MEASURES

Standards



A standard is a published document that has requirements to be used as a rule, guidelines or definition.

Standards



- A standard represents a current consensus on best practices.
- Standards therefore provide practical solutions for enhancing quality, productivity and enterprise growth.
- Standards can provide guidance in such areas as:
 - Design
 - Use and performance of materials
 - Products
 - Processes
 - Services
 - Systems
 - Labeling

Metrology



- Legal Metrology – ensuring everyone gets a fair deal.
 - Weights & Measures
 - Pre-package control
 - Fuel Pumps
- Scientific Metrology – ensuring accuracy of measurements in measurements.
 - Medical metrology
 - Industrial metrology
 - Chemical metrology

CONFORMITY ASSESSMENT



- Assurance that your product or service meets requirements.
- Strengthening management systems and processes.
- CERTIFICATION . TESTING . INSPECTION

These Framework Conditions...



Serve to build:

- TRUST
- CONFIDENCE

... clear rules, interoperability, fit for purpose, safe to use
meets relevant regulations

Drivers of Application of Standards in the Oil & Gas Sector

DRIVERS OF APPLICATION OF STANDARDS IN THE OIL AND GAS SECTOR



- Nature of industry - global
- Environmental risks
- Safety risks
- Quality risks
- Regulation
- Reputation
- Responsibility

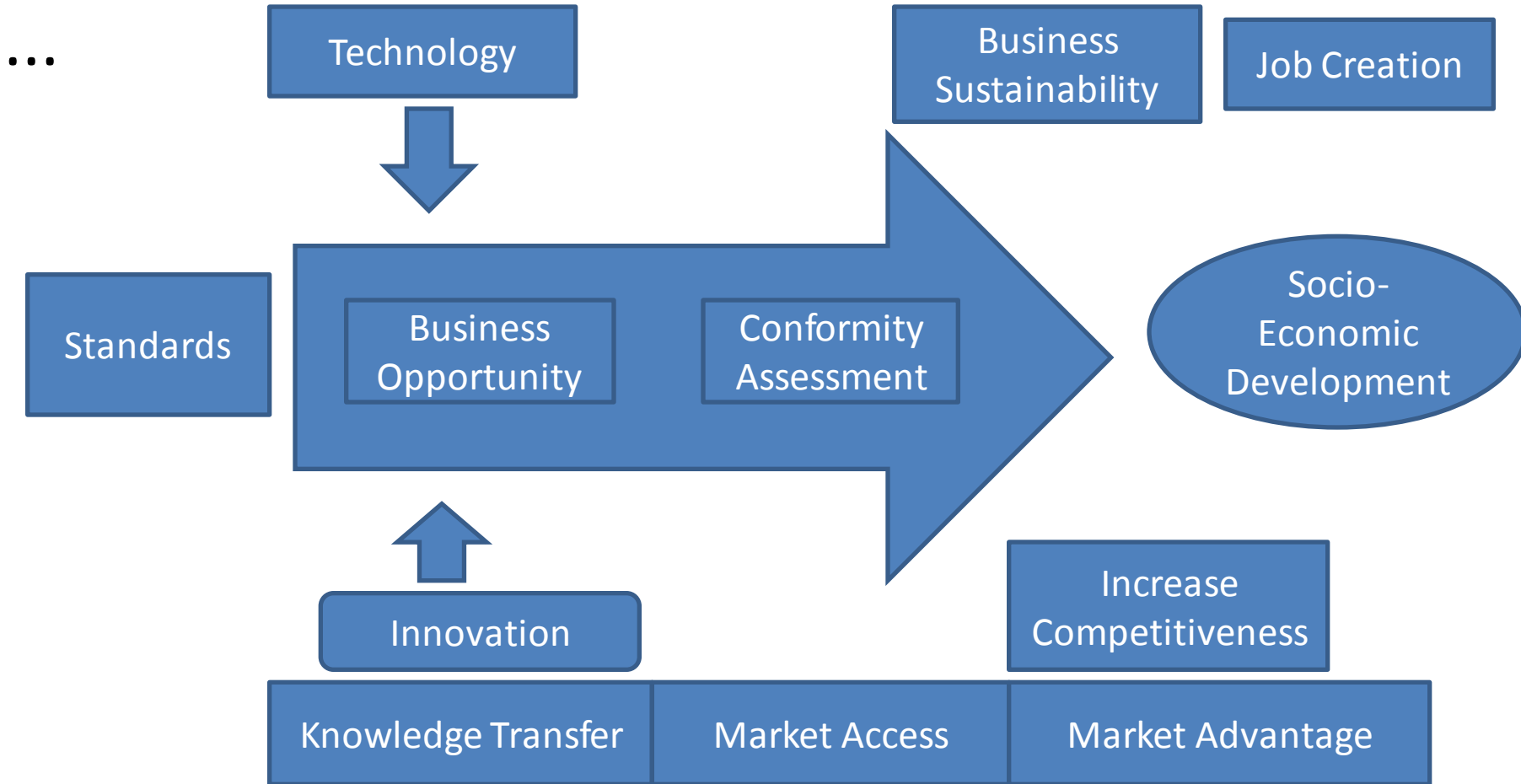
Which Standards May be
Important in your Business

WHICH STANDARDS



- Commodity or product standards
- Management system standards – Quality, Environment, Energy, Occupational Health & Safety, Food Safety, Security etc
- Process standards
- Private/Company
- Metrology - Calibration & Verification

VALUE OF STANDARDS



PLANNING SIDE



- Minimise risk
- Understand product or service requirements
- Design products, services, processes, systems
- Procurements
- Understand best practices and suitable technologies

PRODUCTION SIDE



- Guides for design of products, processes & systems
- Raise business efficiency & productivity
- Reduce business costs
- Improve quality of your products & services
- Transfer of technology & know-how
- Implement good management systems & best practices
- Catalyse technology innovation
- Increase reliability & safety of products and services
- Procure raw materials and services

MARKET SIDE



- Boost consumers confidence
- Ease market access and acceptance
- Q- mark currently passport for your goods within EAC and other regional markets

How do You Demonstrate that you
Meet the Requirements?

CERTIFICATION



The provision by an independent body of written assurance (a certificate) that the product, service or system meets specific requirements.

How UNBS Can Support you to take
advantage of Opportunities in the
Oil & Gas Sector, including other
Regional Markets (EAC, COMESA,
SADC, EU)

SYSTEM CERTIFICATION



- Develop standards for your innovative products
- Certify your Product
- Certify your Management Systems
- Certify your Processes
- Provide Training in standards implementation
- Test you products for compliance to standards
- Calibrate your equipment to ensure accurate measurements
- Verify your weighing/measuring equipment for accuracy.

SYSTEM CERTIFICATION



- Company is implementing a management system that meets requirements of relevant standard and is capable of ensuring that the company continuously meets customer requirements.



PROCESS CERTIFICATION



- Company implements processes and process controls that will ensure safety of operations and safe and quality product – e.g. HACCP/GHP/GMP



PRODUCT CERTIFICATION



- Assurance that production process in place can guarantee consistent production of quality product and product meets safety and quality requirements.



BENEFITS



- Builds trust in your products or services – meet requirements, fit for purpose & safe to use
- Improve quality and productivity
- Reduce cost of doing business
- Strengthen systems and processes to deliver consistently to requirements
- Market access

Getting Your Product Certified



- Fill an application
- Factory audit – process, process controls
- Product evaluation
- Evaluation by Product Evaluation Committee
- Decision to grant
- Grant
- Surveillance
- Renewals, suspension, withdrawal.

THE Q - MARK



The Symbol of Quality



Building Trust. Opening Markets. Saving Lives

THANK YOU



Questions and Reflections

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