



Launch of GCC lab company
for Technical Services

GCC Lab
المفتبر الفليبي

nusaned
Nusaned Company

سابك
SABIC

JABEEN

مطابقة
MOTABA@AH

SNB Capital



One Stop Shop

for Technical Consultation,
Engineering Solutions &
Compliance

Shareholders

سابك
SABIC

مملوكة للهيئة الملكية
للجبيل وينبع
Owned By Royal Commission for Jubail & Yanbu



مطابقة
MOTABA@AH

GCC Lab
المفتبر الفليبي

Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

Regional Champion

Services & labs

Certification

R&D and Commercialization

Vision & Mission

Vision



To be the leading global provider of innovative Technical Services including Testing , Inspection and Certification, recognized for our commitment to quality, safety, and sustainability.

Mission



Advance safety, efficiency, and innovation by delivering world-class services and solutions enabled by highly skilled people, and state-of-the-art operating facilities.



Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

Regional Champion

Services & labs

Certification

**R&D and
Commercialization**

Strategic Ambition



Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

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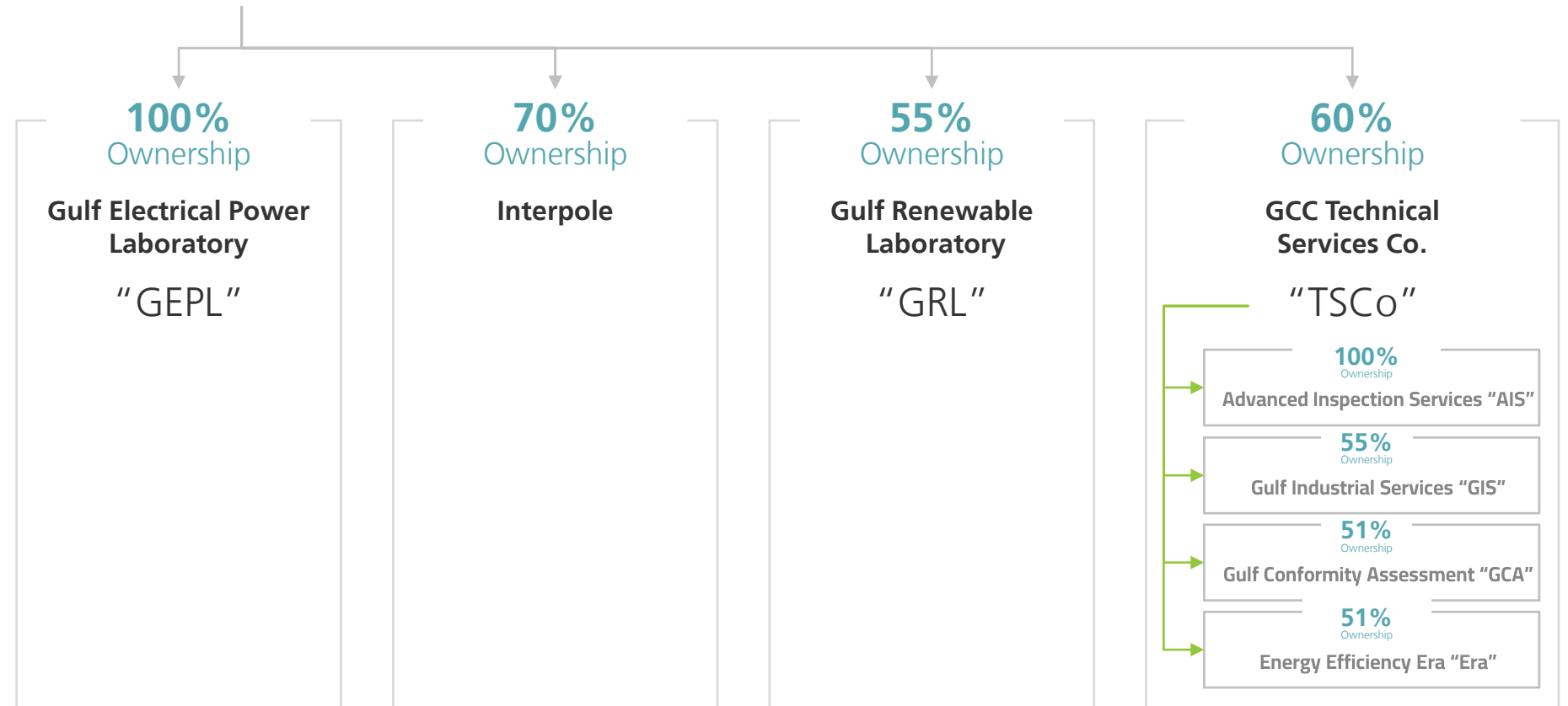
Services & labs

Certification

**R&D and
Commercialization**

Holding Structure

GCC Electrical Testing Lab "ParentCo"



Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

Regional Champion

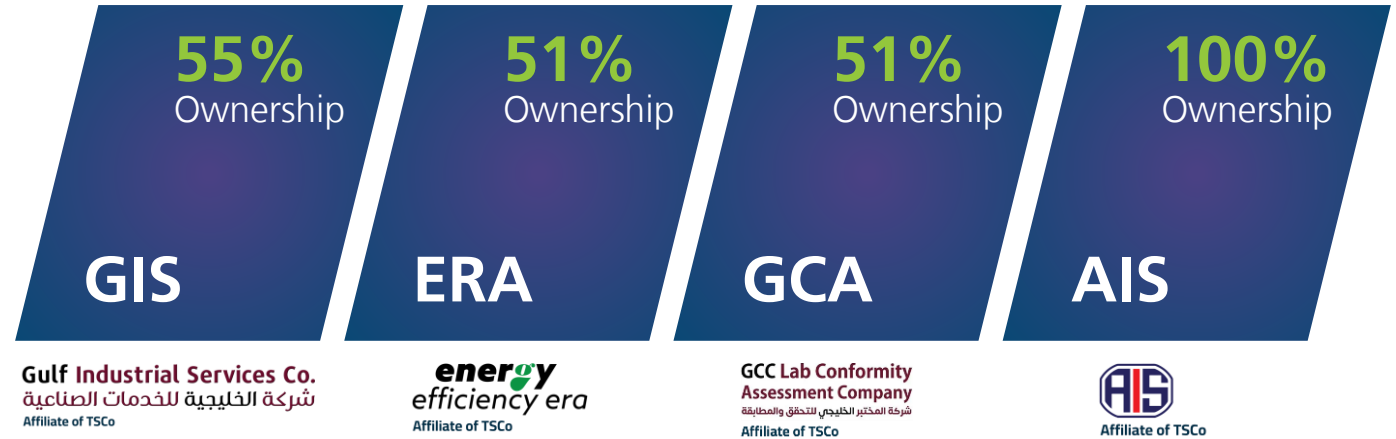
Services & labs

Certification

R&D and Commercialization

TSCo Structure

TSCO



Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

Regional Champion

Services & labs

Certification

**R&D and
Commercialization**

Board of Directors



Sultan Al-Nabulsi
Board Chairman



Mubarak Al-Otaibi



Bader Busbait



Fahad Al-Hamzi



Abdulrahman Shamashir



Saadi Al-Zahrani



Abdulaziz Al-Thunayan

Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

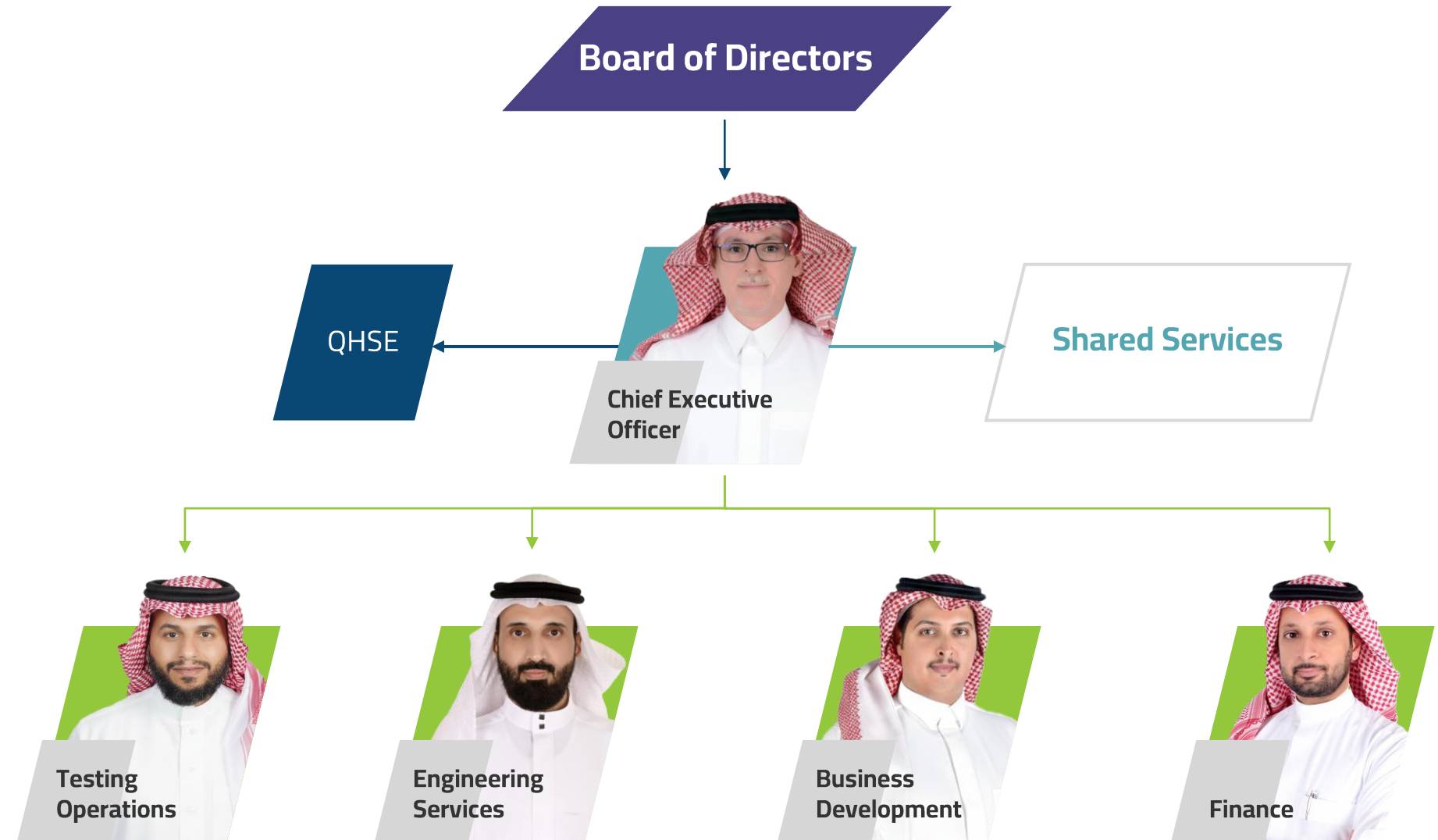
Regional Champion

Services & labs

Certification

R&D and Commercialization

Organization Chart



Overview

Vision & Mission

Strategic Ambition

Holding Structure

Board of Directors

Organization Chart

Technical Services Scope

Global Position

Saudi Capabilities

Regional Champion

Services & labs

Certification

**R&D and
Commercialization**

Integrated Technical Services Scope



Testing

- Hydrocarbons
- Mechanical
- Environmental
- Fire resistance
- Fiber optic
- HVAC



Inspection & Compliance Mgt

- 3rd party inspection
- Advanced NDT
- Robotics/UAVs
- Device calibration



Technical Services

- Consultation
- Technical studies
- Engineering & Lab Solutions



Industrial Services & Asset Mgmt

- Maintenance and repair
- Shutdown / Turnaround
- Chemical cleaning



Certification of Conformity

- Quality Mark
- Gulf Conformity Mark
- SFDA
- (Food & Cosmetics)
- Water Efficiency Label
- Saudi SABER Certificate

Beneficiaries

All Energy, Petrochemical, Industrial & Non-industrial Sectors



Energy



Construction



Minerals



Maritime



Transportation



Medical

Overview

Vision & Mission
Strategic Ambition
Holding Structure
Board of Directors
Organization Chart
Technical Services Scope

Global Position

Saudi Capabilities
Regional Champion

Services & labs

Certification

R&D and Commercialization

Global Position

Certified

ISO

9001	17020
14001	17024
45001	17065
	17025

Accredited

الهيئات السعودية للمواصفات
Saudi Standards

الاعتماد السعودي
Saudi Accreditation

هيئة التقييس
Saudi Standards Organization

مركز الاعتماد الخليجي
GCC Accreditation Center

North America: UL

Europe: TÜV SÜD, TÜV Rheinland, TÜV NORD, DEKRA, DNV-GL, SGS, tecna: a, Applus+ VELOSI, eurofins, BUREAU VERITAS

Asia: Lloyd's Register, Intertek

Middle East: TSCO
One of the world's largest testing complexes

Australia: ALS

Overview

Vision & Mission
Strategic Ambition
Holding Structure
Board of Directors
Organization Chart
Technical Services Scope
Global Position

Saudi Capabilities

Regional Champion

Services & labs

Certification

R&D and Commercialization

Saudi Capabilities



550+
Staff Count



60%
Local Content Score

Skills & Career Path

Recruitment & Development

Job Skill Book & On-job Training

Qualification & Certification

Career Path & Retention

Overview

Vision & Mission
Strategic Ambition
Holding Structure
Board of Directors
Organization Chart
Technical Services Scope
Global Position
Saudi Capabilities

Regional Champion

Services & labs

Certification

R&D and Commercialization

Regional Champion

Distinguished Partners



Overview

Vision & Mission
Strategic Ambition
Holding Structure
Board of Directors
Organization Chart
Technical Services Scope
Global Position
Saudi Capabilities

Regional Champion

Services & labs

Certification

R&D and Commercialization

Regional Champion

Regional Reference for Governmental Authorities



Serving Major Clients



Overview

Services & labs

Fire

ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Fire Services Center



Test & certification of consumer products



Root cause analysis and arbitration



Safety assessments & compliance to standards



Safety & Fire Protection Consultation



Inspection of fire protection systems



Overview

Services & labs

Fire

ICT

Calibration

Analytical Lab

Consumer Products

Inspection

Industrial

Lab Solution

Eng. & Tech.

Energy Sustainability

Certification

R&D and Commercialization

Fiber Optic Testing Laboratory - Services

Performance Testing
for all Fiber Optic
Network Components.

Prequalification for all
Fiber Optic Network
Components.

Type Test for all Fiber
Optic Network's
Components.

Factory Acceptance
Test FAT.

Site Acceptance Test
SAT.

Supplier Evaluation,
Inspections, and
Investigations.

Engineering Advisory
and Consultations.

Training and
Certification.



Overview

Services & labs

Fire

ICT

Calibration

Analytical Lab

Consumer Products

Inspection

Industrial

Lab Solution

Eng. & Tech.

Energy Sustainability

Certification

R&D and Commercialization

Fiber Optic Testing Laboratory - Testing

Optical Tests

- Optical Signal Attenuation
- Optical Signal Dispersion
- Optical Signal Change in Loss
- Wavelength-dependent loss (WDL)



IEC 60793-1-40 Method C, Attenuation Test
IEC 60793-1-42 Chromatic Dispersion Test
IEC 60793-1-47 Polarization Dispersion Test



IEC 60793-1-40 Method B, Insertion Loss Test

Mechanical Tests

- Tensile and Elongation
- Crush
- Impact
- Bend / Repeated Bend
- Torsion
- Kink
- Abrasion



IEC 60794-1-21 Method E10
Kink Test



IEC 60794-1-21 Method E7
Torsion Test

Environmental Tests

- Temperature Cycling
- Ageing
- Freezing
- Compound Flow
- Water Penetration
- Bleeding and Evaporation



IEC 60794-1-21 Method E4
Impact Test



IEC 60794-1-21 Method E2
Abrasion Test



Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and
Commercialization

OT Cyber Security Services

Services



Assessment &
Audits Services

Consultancy
Services

System
Integrator

Engineering &
Implementation
Services

Training
Services

Certification

Partners



Your Trusted Partner



Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Calibration Services



Electrical



Microwave



Temperature



Dimensional



Pressure



Optical Fiber



Torque



Vibration

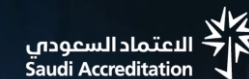


Force



Humidity

Accredited by



Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Hydrocarbon, Oil, Water Analysis Services

International standards (ASTM, IEC, IEEE, ISO, UOP, IP, APHA)

+150
Oil analysis
tests

R&D in oil
application

Fault
diagnostics &
solutions



Transformer Oil



Lubricating Oil



Grease Oil



Fuel Oil



Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Environmental Lab

+100
analysis
tests



Wet Chemistry Lab



HLPC Analysis



Air Quality Monitoring



Microbiology Lab



Soil and Sediment



Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Consumer Products Lab Services

Testing, Inspection & Certification Services for Consumer Products

الاعتماد السعودي
Saudi Accreditation

Petroleum
Testing

Toys
Testing

E-Product
Testing

Textile
Testing

Leather &
Footwear
Testing

Car Spare
Parts Testing

Tire & Rim
Testing

Chemical
Analysis

Vehicle
Inspection

Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Construction and Building Material Lab - CBML

Leading ISO/IEC 17025 accredited laboratory delivering high-quality and reliable testing services, equipped with state-of-the-art technologies and operated by a skilled technical team. Commitment to accuracy, international standards, competitive pricing, and timely reporting.

Key Testing Capabilities

Paints: Drying time, gloss, UV weathering, scratch & impact resistance

Plastics & Pipes: Melt flow, carbon black content, hydrostatic pressure

Soil & Aggregates: Sieve analysis, Atterberg limits, CBR

Asphalt & Bitumen: Marshal properties, bulk density

Concrete & Cement: Compressive strength, slump, water absorption

Tiles & Metals: Breaking strength, abrasion, tensile & chemical tests

Sanitary Items: Water efficiency, flow & flush rate testing

Accreditations

ISO/IEC 17025
SAAC

ISO/IEC 17025
GAC



Overview

Services & labs

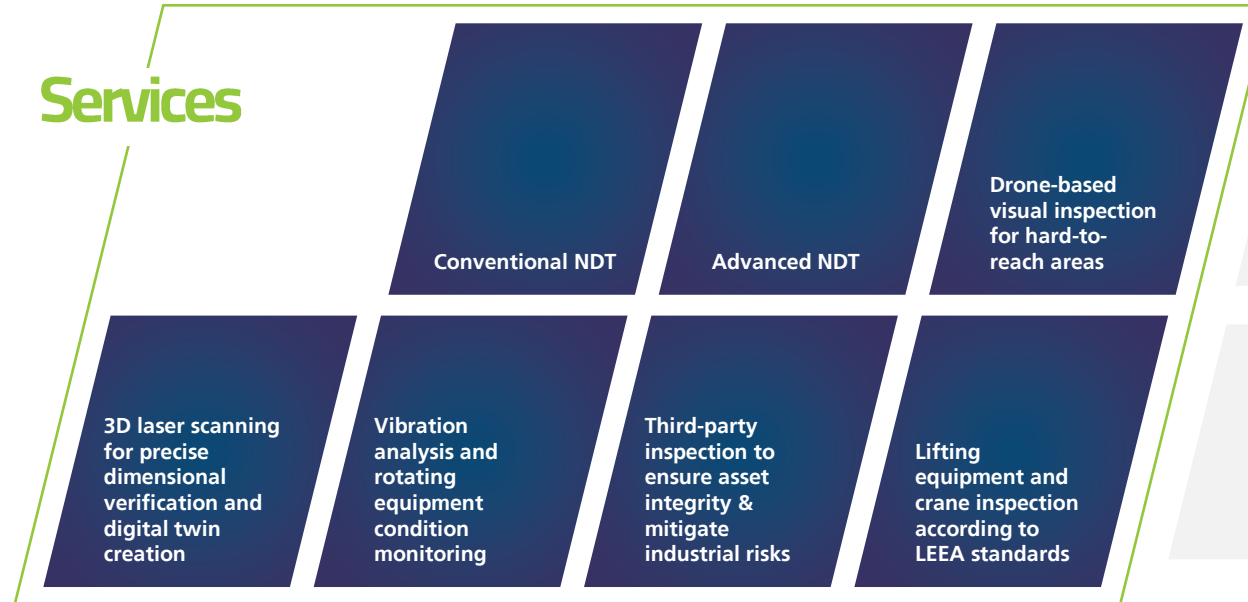
Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Inspection Services

Services



ARAMCO
ACCREDITATION
(Blue Sticker)



9001
14001

45001
17020

Partners

مرافق
MARAFIQ

أرامكو
aramco

بترو رابغ
Petro Rabigh

ساتورب
satorp

سابك
sabic

معدن
MAADEN

Quest Integrity

Mare Custos

سابك

سابك
Sipchem

ساسرف
SASREF

صدارة
Sadara

slb

se
saudi energy

Chevron

NEOM

Tracerco
Insight through innovation

Specialized NDT

Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Industrial Services

Industrial cleaning

Onsite industrial cleaning services e.g. high-pressure water jet cleaning, chemical cleaning, lube oil flushing, etc.

Maintenance

Routine maintenance work for refineries & petrochemical plants

Plant Support

Plant start up & pre-commissioning support

Equipment rental

Equipment rental services

Petrochemical Plants Support

Turnaround and shutdown support of refineries & petrochemical plants

cleaning & maintenance

Offsite heat exchangers cleaning & maintenance

Fabrication Work

Onsite & offsite fabrication work

Construction projects

Blasting

Filtration

Chemical Cleaning

Hydro-jetting

Sludge Removal

Flushing

Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial

Lab Solutions

Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Lab Solution Services

Supply of
Laboratory
Equipment

Custom
Laboratory
Furniture
Solutions

Lab
Consultation

Equipment
Maintenance
Services

Supplying
Chemicals

Training
Programs

One Stop for Every Lab



Analytical
& Material



Oil, Gas &
Petchems



Chemicals



AI
Solutions



Turnkey
Projects

Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.
Energy Sustainability

Certification

R&D and Commercialization

Engineering & Technical Services



Design Review & Engineering Analysis

Process Design

(P&IDs)

Equipment Specifications

Structural Designs

Electrical System Diagrams

Control System Architecture & Logic



Construction Quality Control

Quality Plan

Welding Procedure and Certification

Material Verification

Components Inspection

Examination of Connections

System Testing & Commissioning Verification



Asset Integrity Engineering

Corrosion Mgt Program Dev. & Implementation

(FFS) Assessments

Life Assessment Studies

(RBI) Analysis

(RCM) Program Development

Failure Analysis



Process Safety Engineering

(PHA) Using HAZOP, LOPA, etc

(QRA) & Consequence Modelling

(SIL) Assessment

Fire and Explosion Risk Assessment (FERA)

Testing & Inspection Services

Overview

Services & labs

Fire
ICT
Calibration
Analytical Lab
Consumer Products
Inspection
Industrial
Lab Solution
Eng. & Tech.

Energy Sustainability

Certification

R&D and Commercialization

Energy Sustainability Center



Overview

Services & labs

Certification

Association with
Authorized Bodies

Authorized
Certification Programs

International Offices

R&D and
Commercialization

Association with Authorized Bodies

TSCO – COC is associated with International Standardization Organization **(ISO)** via Saudi Standards, Quality & Metrology Organization **(SASO)**.

We take pride in maintaining our quality infrastructure and provide conformity assessment services with no compromise on integrity and authenticity.



Approved
Body by



Accredited
by



Overview

Services & labs

Certification

Association with
Authorized Bodies

Authorized Certification Programs

International Offices

R&D and Commercialization

Authorized Certification Programs



**Saudi SABER
Certificate**



**SASO
Quality Mark**



**شارة المطابقة الخليجية
Gulf Conformity Mark**



**SASO Water Efficiency
Label**



**GSO Water Efficiency
Label**



**SFDA
(Food & Cosmetics)**



**SASO OXO
Biodegradable Plastics**



**Oman AC Energy
Efficiency Label**



**Bahrain AC Energy
Efficiency Label**



**GOEIC Certificate of
Inspection**

Overview

Services & labs

Certification

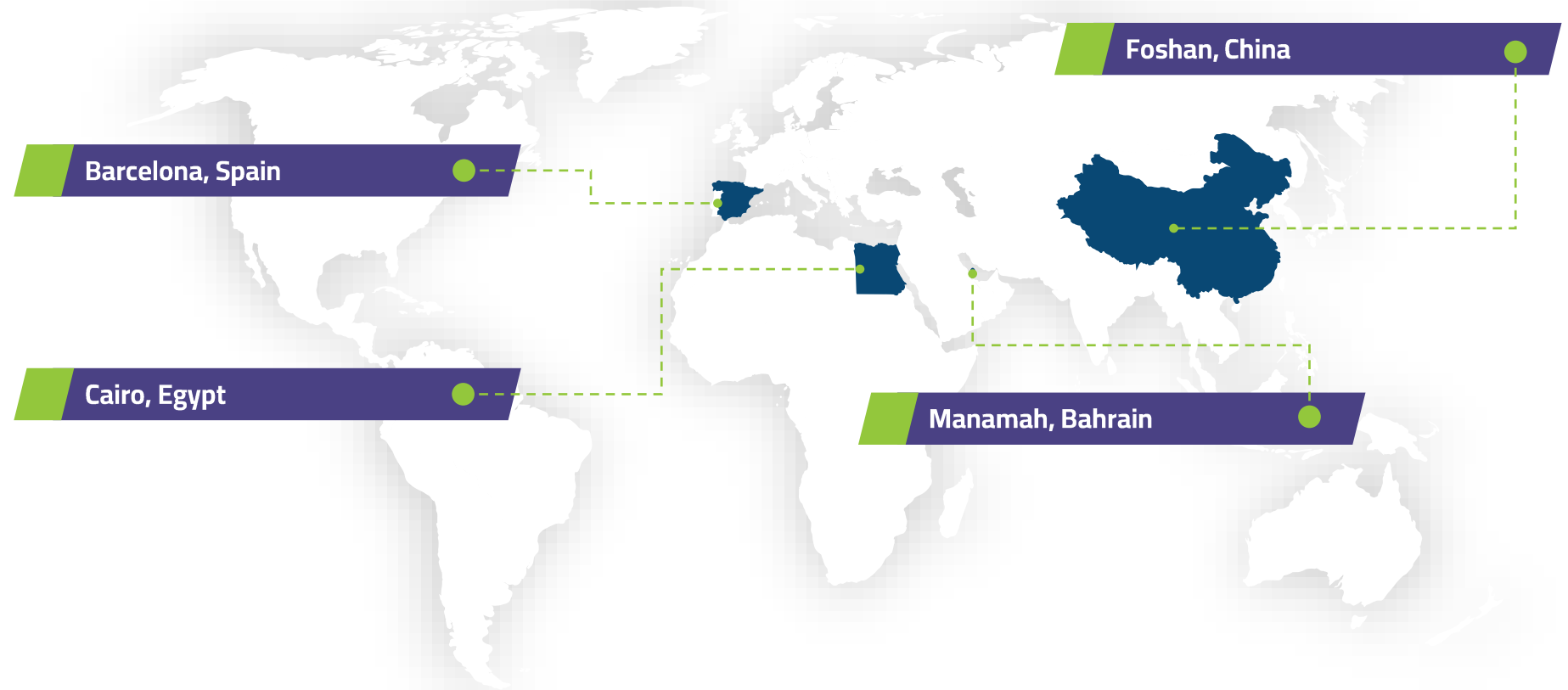
Association with
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Authorized
Certification Programs

International
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R&D and Commercialization

TSCO International Offices



Overview

Services & labs

Certification

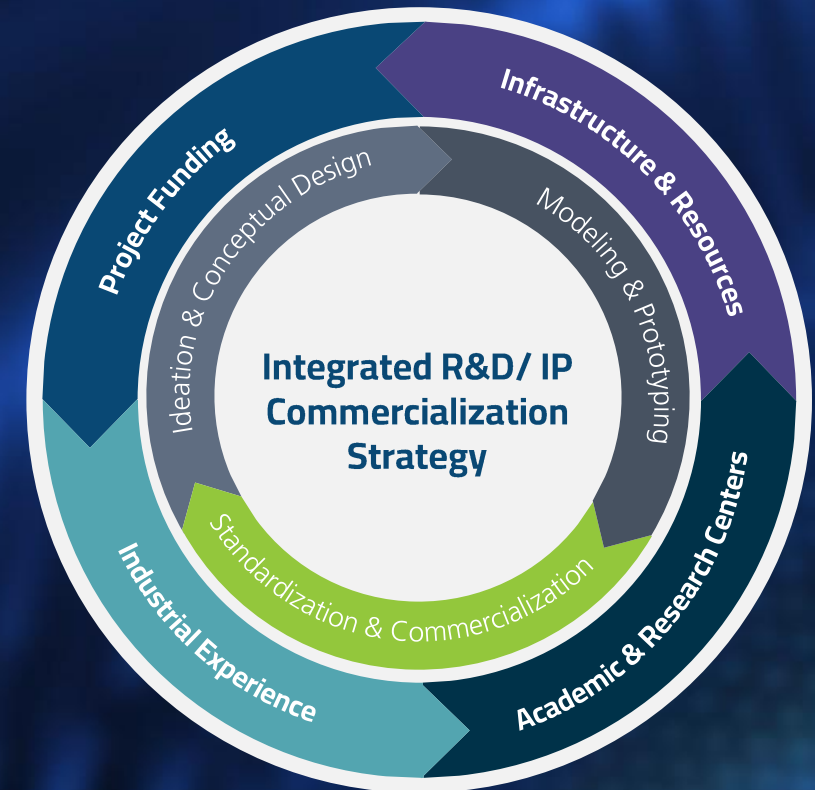
R&D and Commercialization

Strategy

KSA Knowledge
Economy

R&D and Commercialization Strategy

- 01** Foster innovation and cultivate development of groundbreaking technologies/products that prioritize safety, sustainability, and efficiency.
- 02** Create a hub for diverse stakeholders to exchange ideas and expertise to drive transformative advancements in various fields
- 03** Create knowledge economy based on intellectual capital and generate new revenue streams by commercializing IPs



Active Contributor to the KSA Knowledge Economy

Overview

Services & labs

Certification

**R&D and
Commercialization**

Strategy

KSA Knowledge
Economy

Transferring Knowledge & Technology



**Institute of Electrical &
Electronics Eng's**

Chairman



**ISO – SASO
Safety & Quality**

Committee Members

Fulfilling Local Industry Needs for R&D



**Electric Vehicle &
Solar Panel Desert Code**

Standard Dev.



**Blackout Restoration Mobile Tower
Compact Mobile Substation**

Innovative Solution



IEC

KSA Representative



GCC Power Cigre

Board Member



**10 Standards
for Solar Panels**

Standard Dev.

