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Supporting the Kingdom of Saudi Arabia Vision 2030 Industrial Transformation

DEISO delivers independent pre-verification audit, carbon governance reinforcement, LCA & EPD readiness, ESG architecture, and comprehensive professional training programs designed to support industrial leaders in the Kingdom of Saudi Arabia. Our ISO-aligned methodologies strengthen procurement competitiveness, reduce disclosure risk, and build internal sustainability capability aligned with Vision 2030 transformation objectives.

Industrial Sustainability Needs & DEISO Reinforcement Mapping

Industrial Carbon Governance, Environmental Advisory & Human Capital Development

The Kingdom of Saudi Arabia Vision 2030 is reshaping the national industrial landscape through supply chain localization, downstream expansion, giga-project development, renewable energy acceleration, and export competitiveness.

Environmental governance is now directly linked to procurement eligibility, investor scrutiny, regulatory confidence, and long-term industrial resilience.

DEISO is an international ISO-aligned sustainability advisory firm headquartered in Japan. We provide independent technical review, pre-submission audit, and structured human capital development services designed to strengthen industrial carbon governance before verification and regulatory exposure.

Supply Chain Localization

Strengthening domestic industrial ecosystems and procurement networks.

Downstream Expansion

Supporting value-added industrial growth beyond primary resource extraction.

Renewable Energy Acceleration

Enabling the transition to clean energy infrastructure at scale.

Export Competitiveness

Aligning environmental governance with international market requirements.

Critical Positioning

DEISO is not a verification or certification body.

We do not issue certifications, verification statements, or act as program operators. We provide pre-verification technical reinforcement, ISO-aligned critical review, and conformity readiness assessment designed to reduce rework, mitigate rejection risk, and strengthen methodological defensibility.

Pre-Verification Technical Reinforcement

Strengthening methodological foundations before formal verification processes begin.

ISO-Aligned Critical Review

Independent assessment against internationally recognized standards and frameworks.

Conformity Readiness Assessment

Reducing rework, mitigating rejection risk, and strengthening methodological defensibility.

Industrial Carbon & Sustainability Advisory

Greenhouse Gas (GHG) Accounting & Climate Strategy

Design and reinforcement of Scope 1, Scope 2, and Scope 3 inventories aligned with ISO 14064 and the GHG Protocol. Includes boundary definition, emission factor validation, supplier exposure mapping, and governance integration.

- 📄 **Exclusive Value:** Delivers defensible carbon inventories suitable for procurement scrutiny, investor review, and regulatory evaluation within Saudi Aramco and SABIC supply ecosystems.

Scope 3 Category-Level Pre-Submission Audit

Granular evaluation of upstream and downstream categories (1–15), including data reliability, emission factor appropriateness, and supplier risk concentration mapping.

- 📄 **Exclusive Value:** Reduces blind spots in value chain emissions and strengthens export and procurement readiness.

Product Carbon Footprint & EPD Advisory

Product Carbon Footprint (PCF) Audit & Review

Independent review of product-level carbon methodology including functional unit definition, system boundary logic, allocation control, and sensitivity analysis.

Exclusive Value: Enhances competitive positioning in infrastructure tenders and giga-project procurement environments.

Environmental Product Declaration (EPD) Pre-Submission Audit

Technical reinforcement prior to ISO 14025 verification, including PCR conformity alignment, LCA model validation, and documentation completeness review.

Exclusive Value: Reduces resubmission cycles and increases probability of successful third-party verification.

LCA Critical Review & Data Governance



LCA Critical Review (ISO 14040 / ISO 14044)

Independent methodological assessment of life cycle studies, particularly important for comparative or public environmental claims.

Exclusive Value: Strengthens defensibility and reduces reputational and technical exposure.



Sustainability Data Governance & Internal Control Audit

Evaluation of sustainability data architecture, documentation traceability, internal responsibility allocation, and audit readiness.

Exclusive Value: Embeds sustainability within enterprise governance systems rather than isolated reporting exercises.

Environmental & Industrial Risk Advisory



Environmental Risk Assessment

Structured analysis of environmental exposure across operations, supply chains, and asset portfolios.



Environmental Impact Assessment (EIA)

Project-level environmental evaluation, mitigation planning, and regulatory alignment for infrastructure and industrial developments.



Circular Economy & Industrial Waste Advisory

Material flow optimization, waste recovery system design, and circular supply chain integration.



Human Capital Development for the Kingdom of Saudi Arabia

Vision 2030 emphasizes workforce localization and technical capability development. DEISO delivers structured professional training programs designed for industrial-scale implementation and internal capability reinforcement.



- ESG & Governance**
Training in policies, reporting, and compliance
- GHG & Climate Programs**
Capacity building for emissions measurement and reduction
- Life Cycle Assessment**
Skills for product footprinting and circular design

DEISO's training programs are structured to build lasting internal capability across ESG governance, carbon accounting, and life cycle assessment – directly aligned with Saudi Arabia's Vision 2030 workforce transformation objectives.



ESG & Governance Training

ESG Training: Strategic ESG Mastery & AI-Powered Reporting

Enterprise ESG architecture, reporting integration, and governance execution frameworks.

Specialist ESG Reporting Program

Structured ESG disclosure preparation and defensibility alignment.

Sustainability Leadership Training

Executive integration of sustainability into corporate governance and risk management.

Greenhouse Gas & Climate Programs

GHG Accounting Training Program

Scope 1-3 quantification aligned with ISO 14064 and GHG Protocol.

Lead GHG Verifier Training Program

Advanced carbon verification and audit readiness methodology.

Climate Change Mitigation Professional Program

Decarbonization planning and execution frameworks for industrial operations.

Life Cycle Assessment (LCA) Programs

| Program | Description |
|------------------------------------|-------------------------------------------------------------------------------|
| LCA Professional Training Programs | ISO 14040/14044 methodology, system boundary definition, and impact modeling. |
| Advanced Special LCA Programs | Complex and comparative industrial life cycle modeling. |
| Manual LCA Calculation Program | Foundational life cycle methodology without software dependency. |
| LCA for Leaders | Executive interpretation of life cycle outputs for strategic decision-making. |
| SimaPro LCA Training | Hands-on industrial modeling using SimaPro. |
| openLCA Training Programs | Professional modeling capability using openLCA. |
| LCA for Experts (GaBi) Programs | Advanced enterprise modeling with professional-grade tools. |
| EPD Training Programs | PCR interpretation, LCA integration, and verification coordination. |

Environmental Management & Compliance Programs



ISO 14001 Implementation Program

Environmental management system development and implementation.



Environmental Auditing Program

Internal environmental audit methodology and compliance control.



Industrial Waste Management Program

Industrial waste system optimization and compliance alignment.



Environmental Impact Assessment (EIA) Program

Project-level environmental assessment capability building.



Oil & Gas Environmental Issues Program

Sector-specific environmental governance for energy operations.

Engagement Pathway

Organizations operating within the Kingdom of Saudi Arabia industrial ecosystem may initiate engagement through a structured Carbon & Sustainability Exposure Diagnostic. This identifies methodological gaps, governance weaknesses, and procurement exposure areas, delivering a prioritized reinforcement roadmap.

Exposure Diagnostic

Reinforcement Roadmap

Training & Advisory

Contact DEISO to request a confidential consultation or discuss tailored industrial training programs aligned with Saudi Arabia Vision 2030 objectives.

[Request a Confidential Consultation](#)



Further Information

For a comprehensive overview of DEISO's sustainability alignment framework under the Kingdom of Saudi Arabia Vision 2030 ecosystem, please visit:

English Version

<https://dei.so/saudi-vision-2030-sustainability>

Arabic Version

<https://dei.so/saudi-vision-2030-sustainability-ar>

These pages provide detailed insight into DEISO's structured industrial carbon governance services, ESG advisory capabilities, LCA and EPD readiness programs, and executive-level professional training initiatives delivered in alignment with national transformation objectives.

Submit an Industrial Sustainability Inquiry or Request for Quotation

For industrial carbon governance, ESG advisory, LCA & EPD pre-submission audit, sustainability data governance review, environmental risk services, or professional training programs aligned with the Kingdom of Saudi Arabia Vision 2030, please submit a structured request to initiate a confidential scope assessment and formal engagement discussion.

Direct inquiries may also be sent to:
info@dei.so

[Submit an Inquiry](#)

[Learn More](#)

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About DEISO

Engineering the Future of Sustainable Performance



DEISO is a Tokyo, Japan-based sustainability and industrial carbon governance firm delivering science-based consulting, advanced digital intelligence, and premium professional training to help organizations achieve measurable environmental and social impact across global industries.