

Saudi Council of Engineers (SCE)
Opportunities for Collaboration with Malaysian Engineers
NEC 2025 – Kuala Lumpur

Engr. Saleh Alomar - SCE Advisor & Spokesman

Contents

About SCE

Vision 2030

Mega Projects

**Opportunities for Malaysian
Engineers**

**How to Engage with Saudi
Projects**

Saudi Council of Engineers (SCE) Statute

Royal Decree M/36 on 26/09/1423 in accordance with Council of Ministers' Decree no. 226 dated 13/09/1423

"SCE is a statutory body to regulate engineering practice in Saudi Arabia. SCE mandated is to regulate and advance the engineering profession in Saudi Arabia by protecting the profession, setting and enforcing professional standards, and enhancing the quality of engineering practice."

- Sets criteria and standards for practising
- Sets licensure terms and conditions
- Prescribes rules, regulations, and examinations for obtaining professional qualifications
- Conducts studies
- Organises courses, conferences, and symposia relating to the profession
- Provide technical advice in its area of specialisation



Engineers Registered with SCE in 2025

Categories	No
Engineer	+52000
Associate Engineer	+20000
Professional Engineer	+29000



SCE Registrants in 2025 from IPEA Member Countries



Australia

1305



Canada

387



Chinese Taipei

432



Ireland

377



Hong Kong China

2422



India

20548



Japan

531



Korea

2175



Malaysia

1229



New Zealand

137



South Africa

1226



Sri Lanka

6927



United Kingdom

2620



United States

2806



Pakistan

15896

Provisional Members



Bangladesh

2652



Russia

13



Netherlands

349



Philippines

6018

Vision 2030

- Saudi Arabia's Vision 2030 is driving transformative mega projects.
- Massive investments in infrastructure, energy, tourism, and smart cities
- Strong demand for engineering expertise and innovative solutions
- Key opportunities for Malaysian firms in sustainability, transport, and urban development



Giga Projects in **Saudi Arabia**



NEOM – \$500B Smart City

- The Line, Trojena, Oxagon
- Opportunities: urban design, transport, smart infrastructure
- Target: 380,000+ jobs



The Red Sea Project

- Luxury eco-resorts across 90 islands
- Opportunities: hospitality, marine, renewable energy
- Target: 70,000 jobs



Qiddiya

- Entertainment, sports, and cultural city
- Opportunities: leisure engineering, arts infrastructure
- Target: +300,000 jobs



King Salman International Airport

- World's largest planned airport
- Opportunities: aviation design, logistics systems
- Target: +150,000 jobs



SPARK – King Salman Energy Park

- Energy and industrial hub
- Opportunities: industrial infrastructure, engineering design
- Target: +100,000 jobs



Soudah Peaks

- \$7.7B luxury mountain resort
- Opportunities: mountain architecture, eco-tourism design
- Target: +8,000 jobs



Diriyah Gate

- UNESCO heritage city transformation
- Opportunities: restoration, landscape and tourism planning
- Target: +170,000 jobs



Renewable Energy Program

- Target: 50% clean energy by 2030
- 15 GW solar and wind in development
- Opportunities: solar PV, grid integration, EPC
- Target: +100,000 jobs



The Mukaab Riyadh

- Opportunities: Futuristic urban planning, high-rise architecture, digital infrastructure, entertainment engineering, and smart mobility systems.
- Target: +330,000 jobs



Opportunities for Malaysian Engineers

Key areas of engagement:

- Employment in mega projects (civil, electrical, renewable, etc.)
- Joint ventures with Saudi engineering firms
- Consultancy: design, project management, feasibility studies
- Innovation: smart city, AI, sustainability solutions



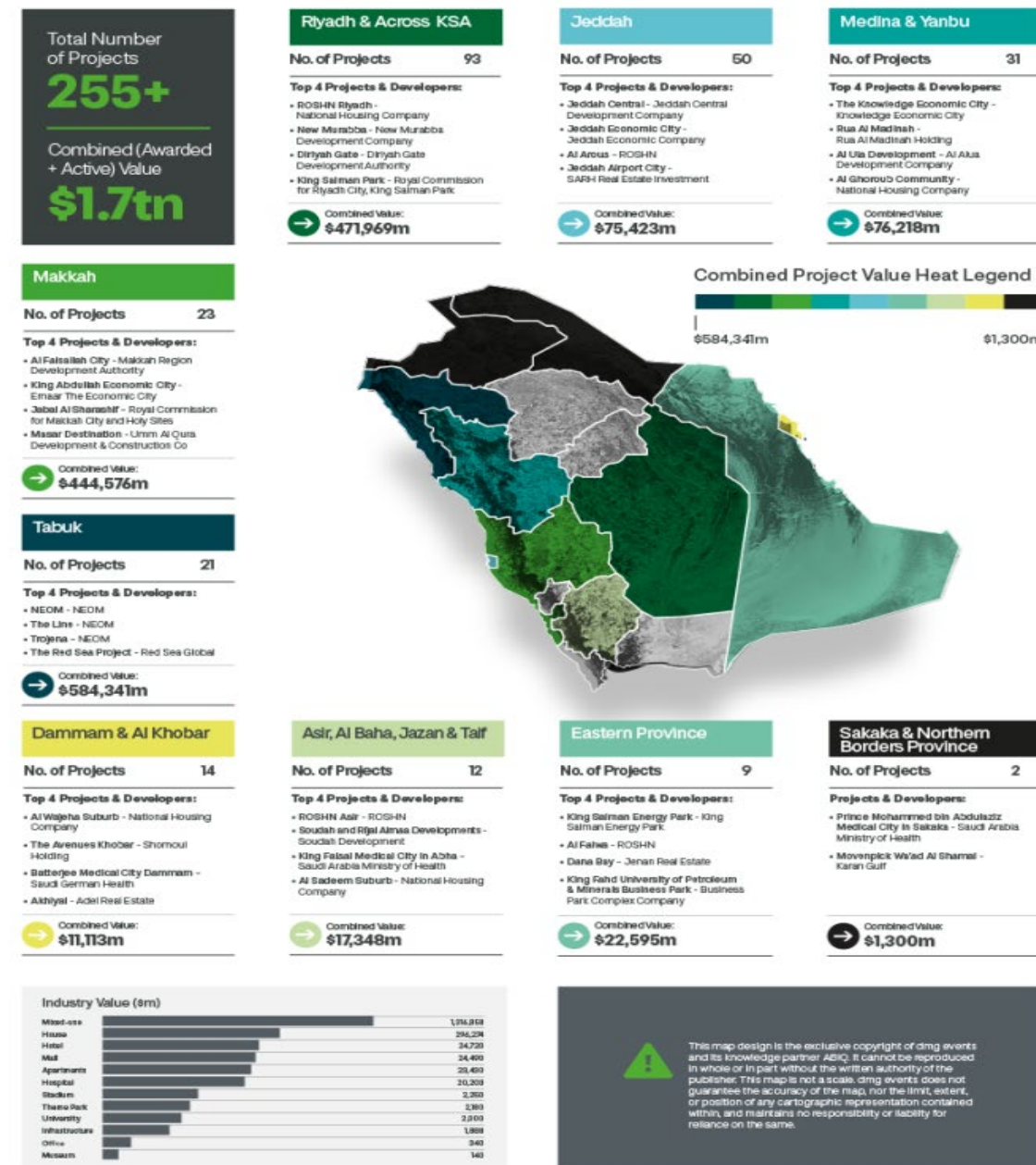
How to Engage with Saudi Projects

Practical steps for Malaysian firms and engineers:

- Facilitated registration and licensing with SCE for Malaysian engineers and consultancy firms to operate in Saudi Arabia.
- Support in building local partnerships with accredited Saudi engineering companies engaged in mega projects.
- Guidance on navigating procurement platforms such as Etimad and accessing project opportunities with NEOM, Red Sea Global, and other developers.
- Invitation to participate in official business delegations, exhibitions, and bilateral forums under the

Saudi Arabia's giga-sized projects cover 15 provinces.

Combined projects, project value and developer names.



Thank you

