

نتقدم بثقة
Moving Forward
with Confidence

رؤية عُمان
2040
Oman Vision



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Authority for Public Services Regulation



Enabling the Energy Transition: the Role of Midstream Companies

SESSION V: THE ROLE OF TRANSITION FUELS IN TRANSFORMING THE SECTOR

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#ERRAConference2025

Meeting Oman's Energy Demand

With an experienced and reliable partner

- Established in 2000, OQGN is Oman's exclusive owner & operator of the natural gas transmission network, playing a critical role in meeting Oman's growing energy demands
- Investments in the network are underpinned by a long-term concession agreement & a regulated asset base model (RAB), ensuring the Sultanate's energy security

Key Principles of Commercial Model



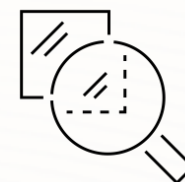
Open (third party) access



Non-discriminatory access



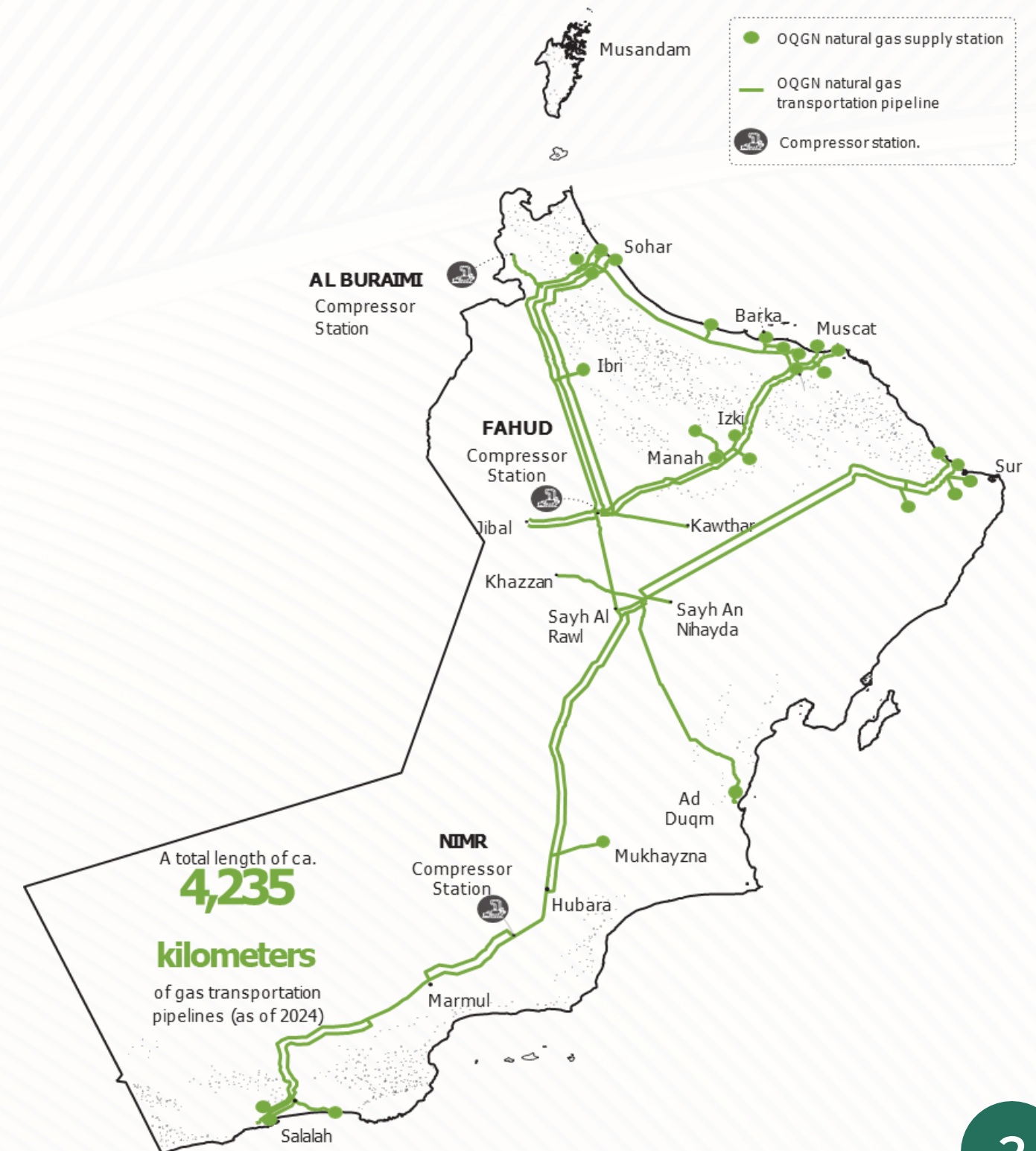
Cost efficient



Transparent



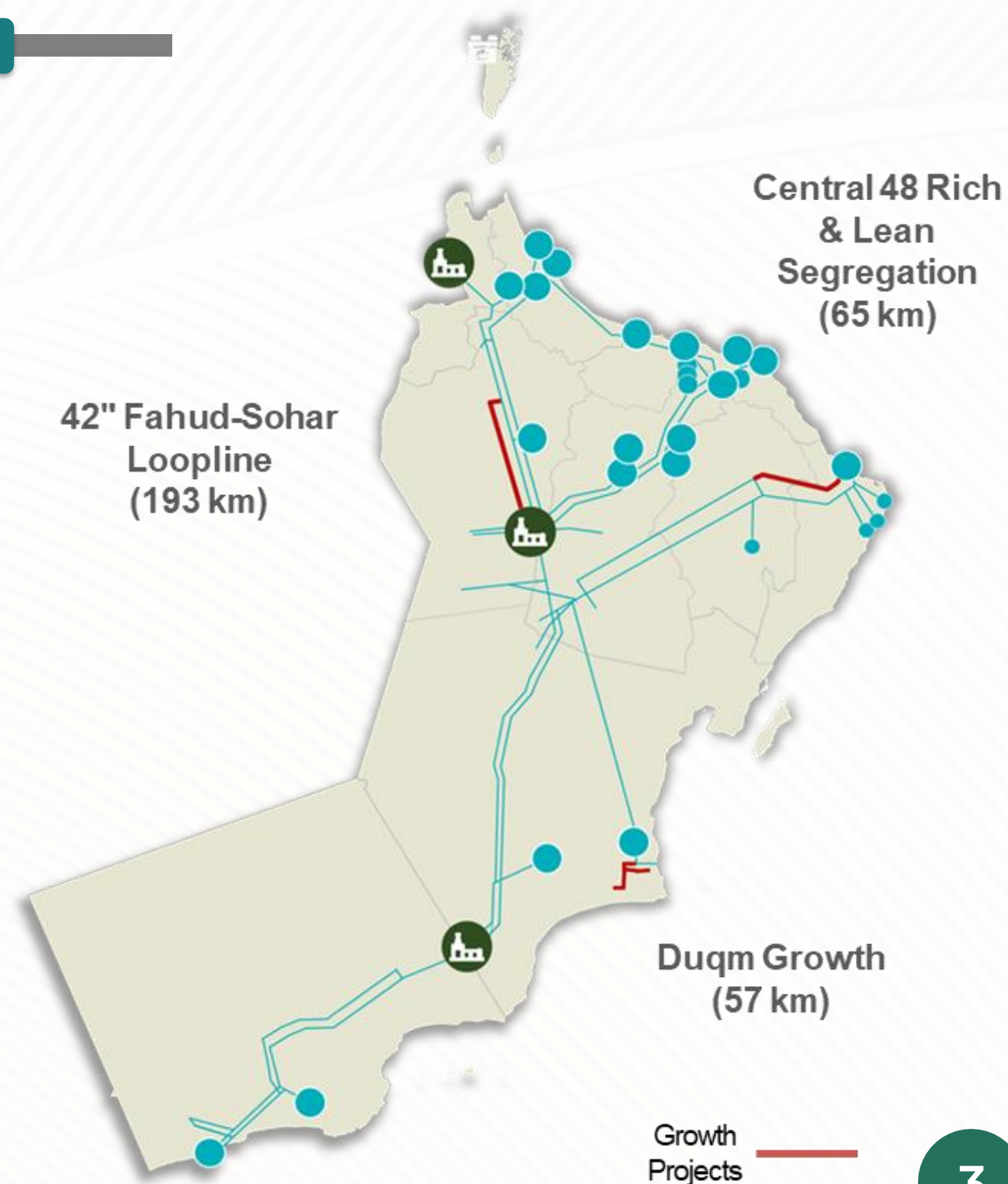
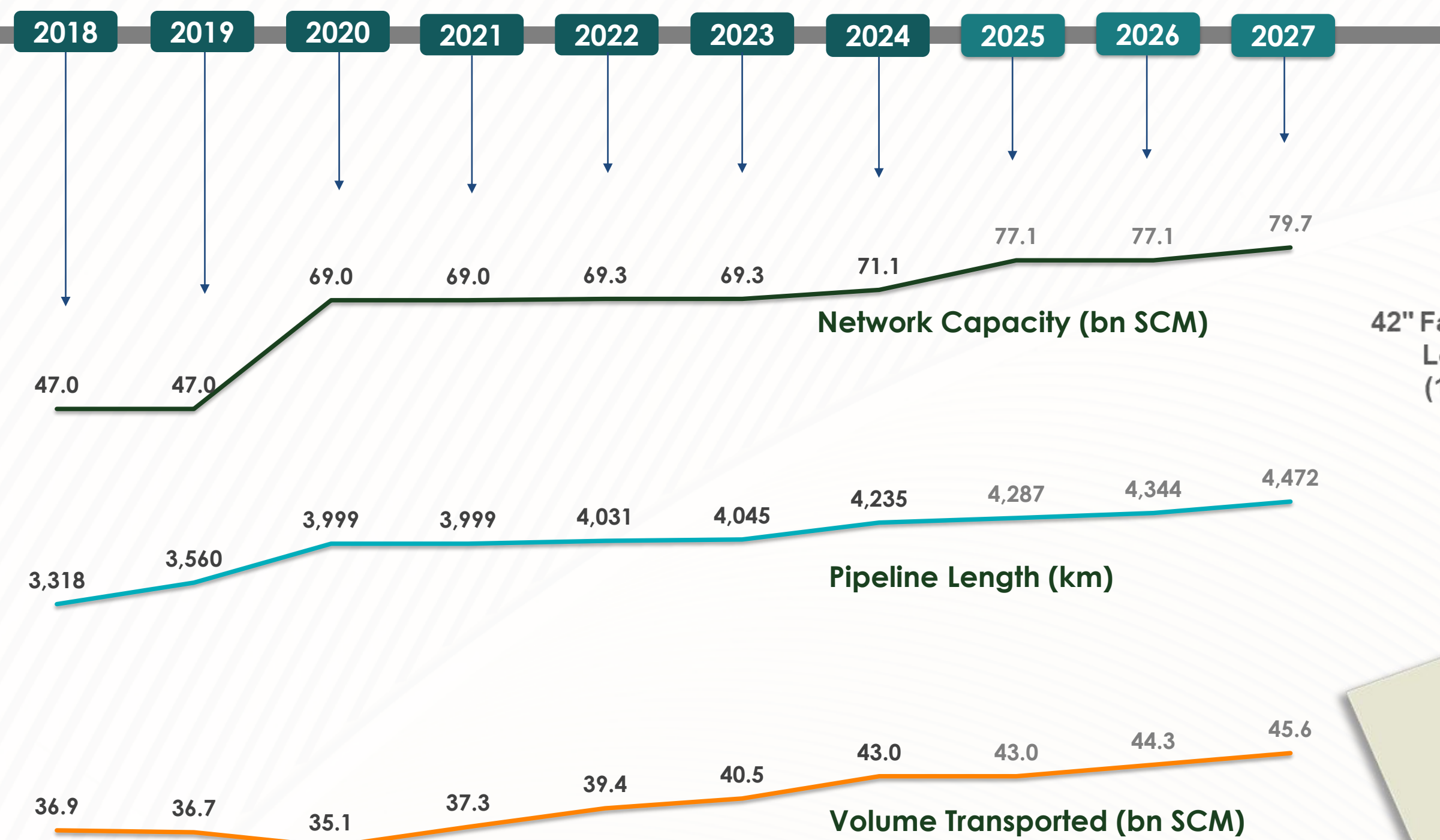
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Meeting Oman's Energy Demand



Near-term network expansion aligned with national strategic objectives



Strategic Growth

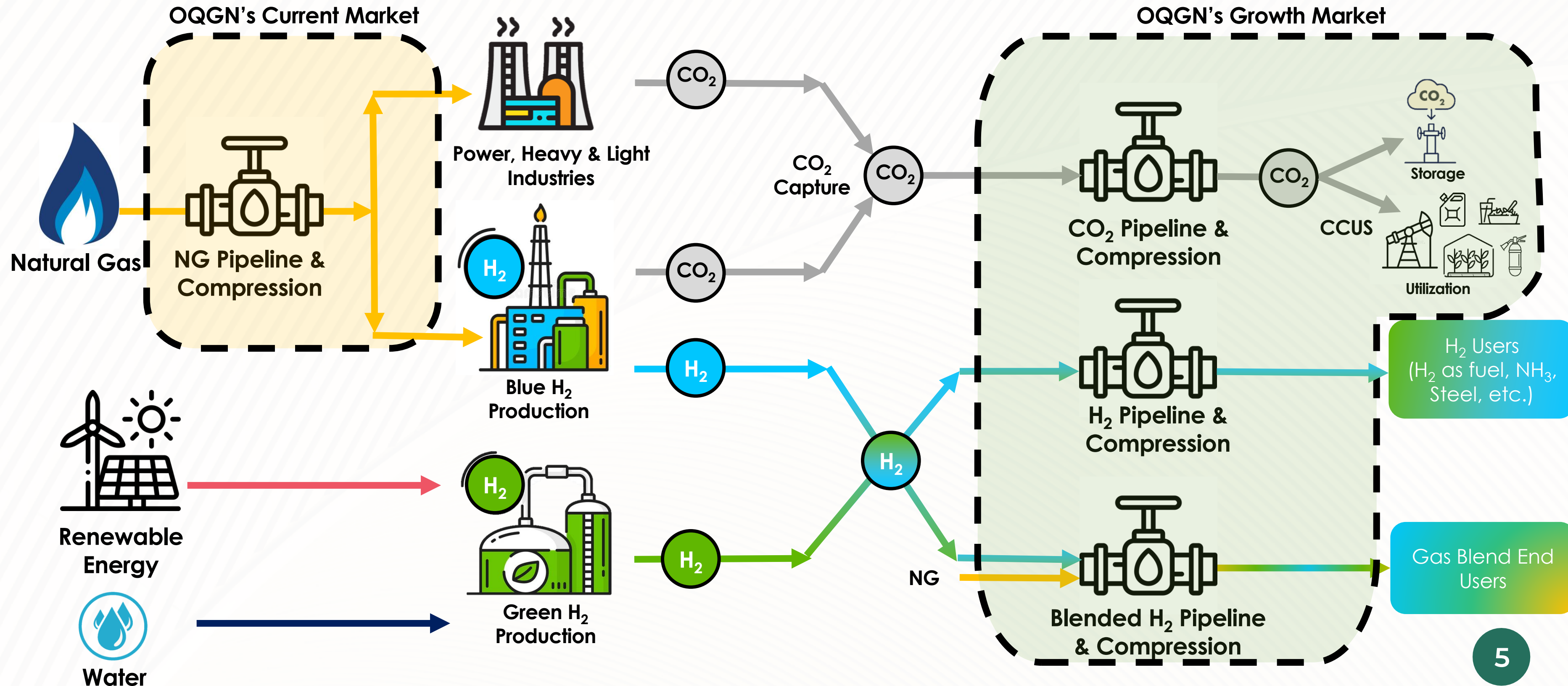
Strategic Growth

OQGN's growth strategy is aligned with Oman Vision 2040 and NZE 2050

OQGN

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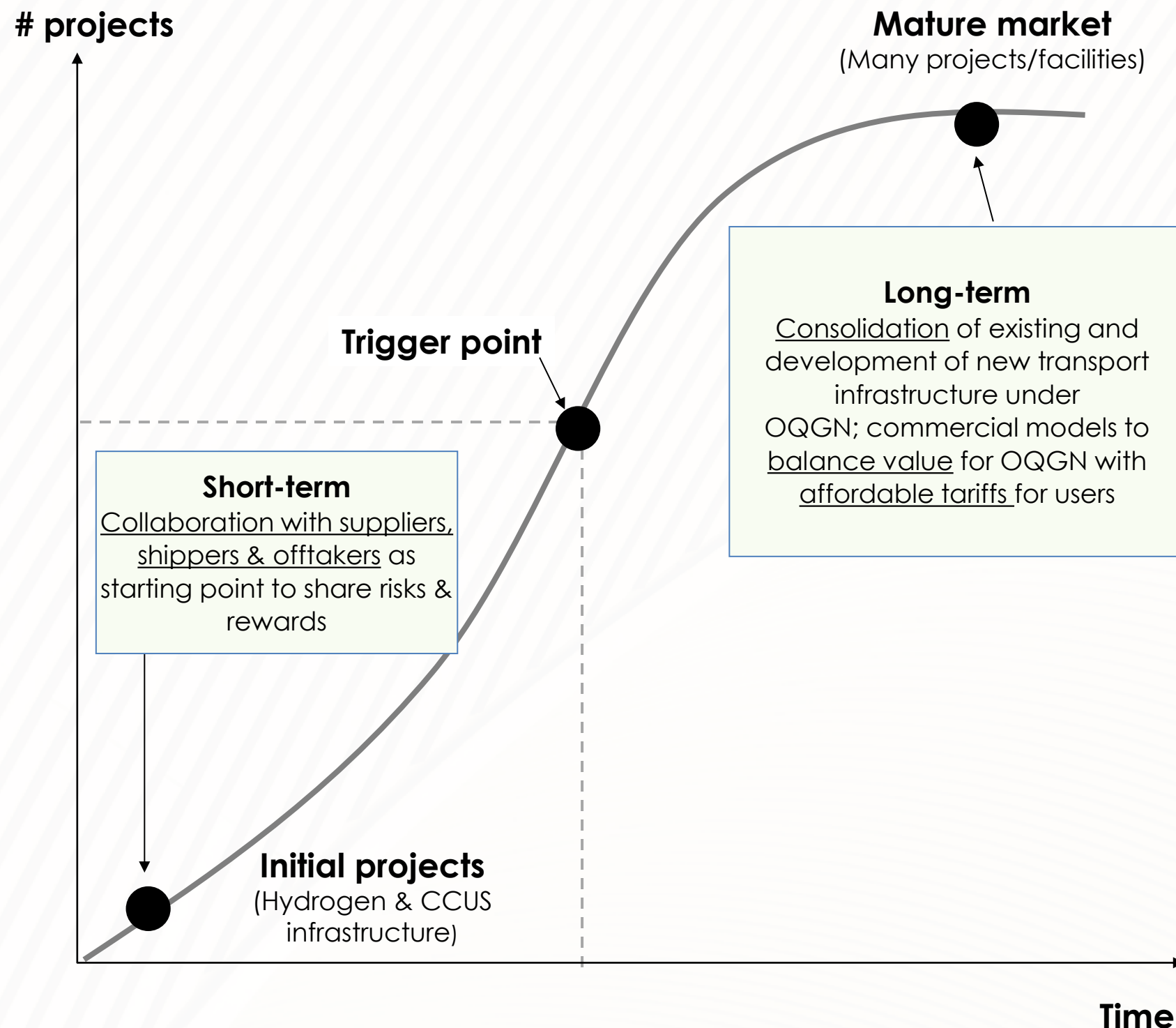
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Evolution of Commercial Models



Integrated stakeholder collaboration is key to early hydrogen and CCUS deployment, requiring adaptable commercial models that evolve with market maturity



Development Trajectory of Hydrogen and CCUS Infrastructure

- Initial **commercial structures** will prioritise optimising total end-to-end cost (e.g., LCOH)
- As the **market matures**, the model will **shift towards standardised, replicable**, & transparent commercial arrangements
- A clear vision of the desired **end-state commercial structure** is essential
- **Transition triggers** may include system **size & connectivity**, number of **projects & volumes**, & degree of **capacity utilisation**

H2 Projects

Enabling Oman's Energy Transition

Realising a low-carbon hydrogen value chain

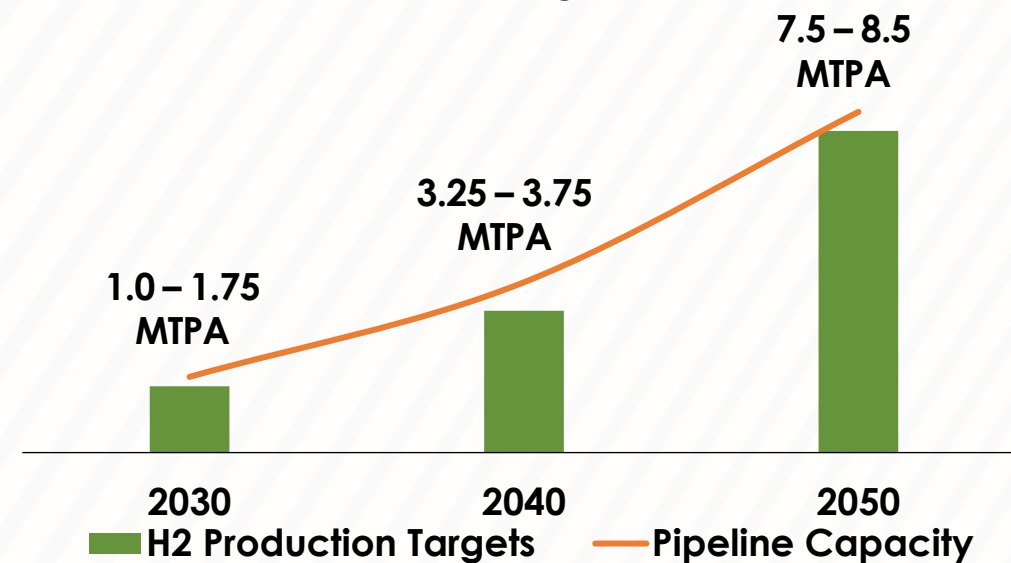


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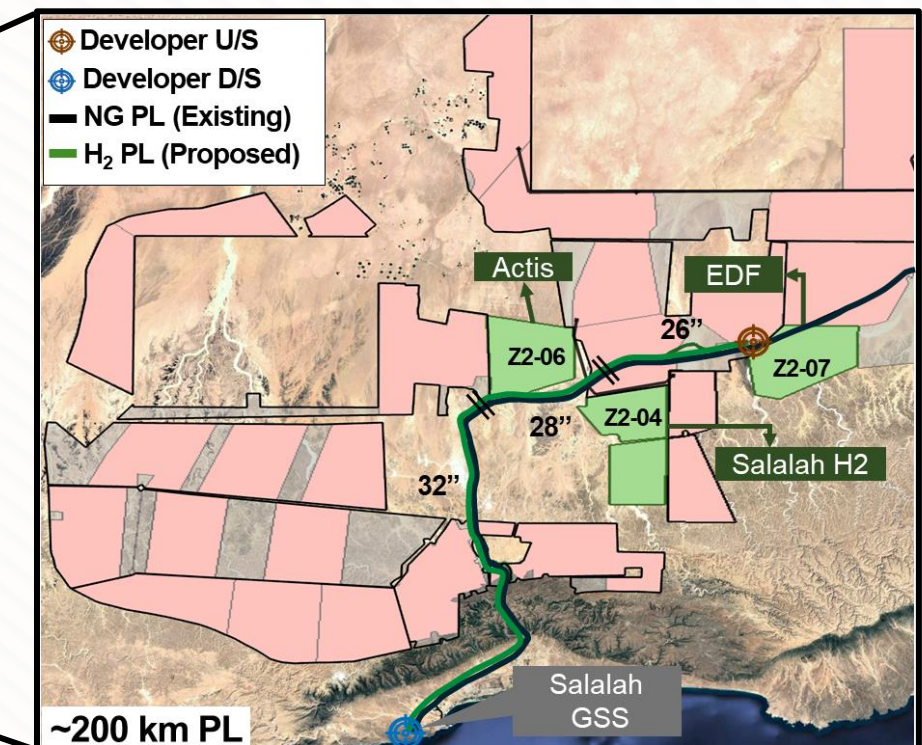
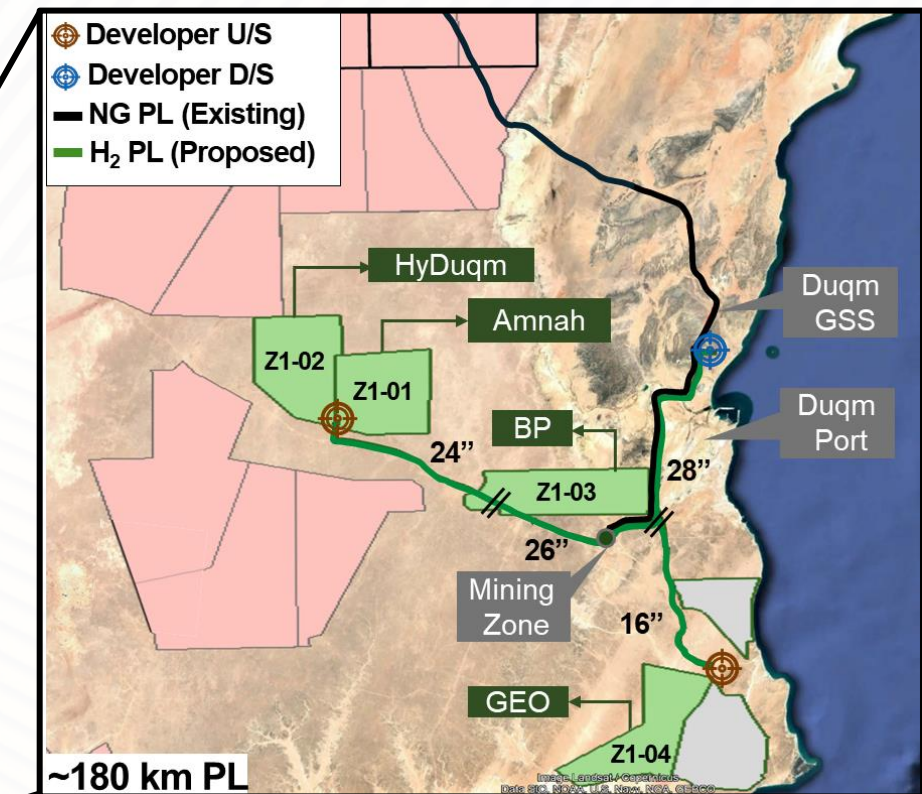
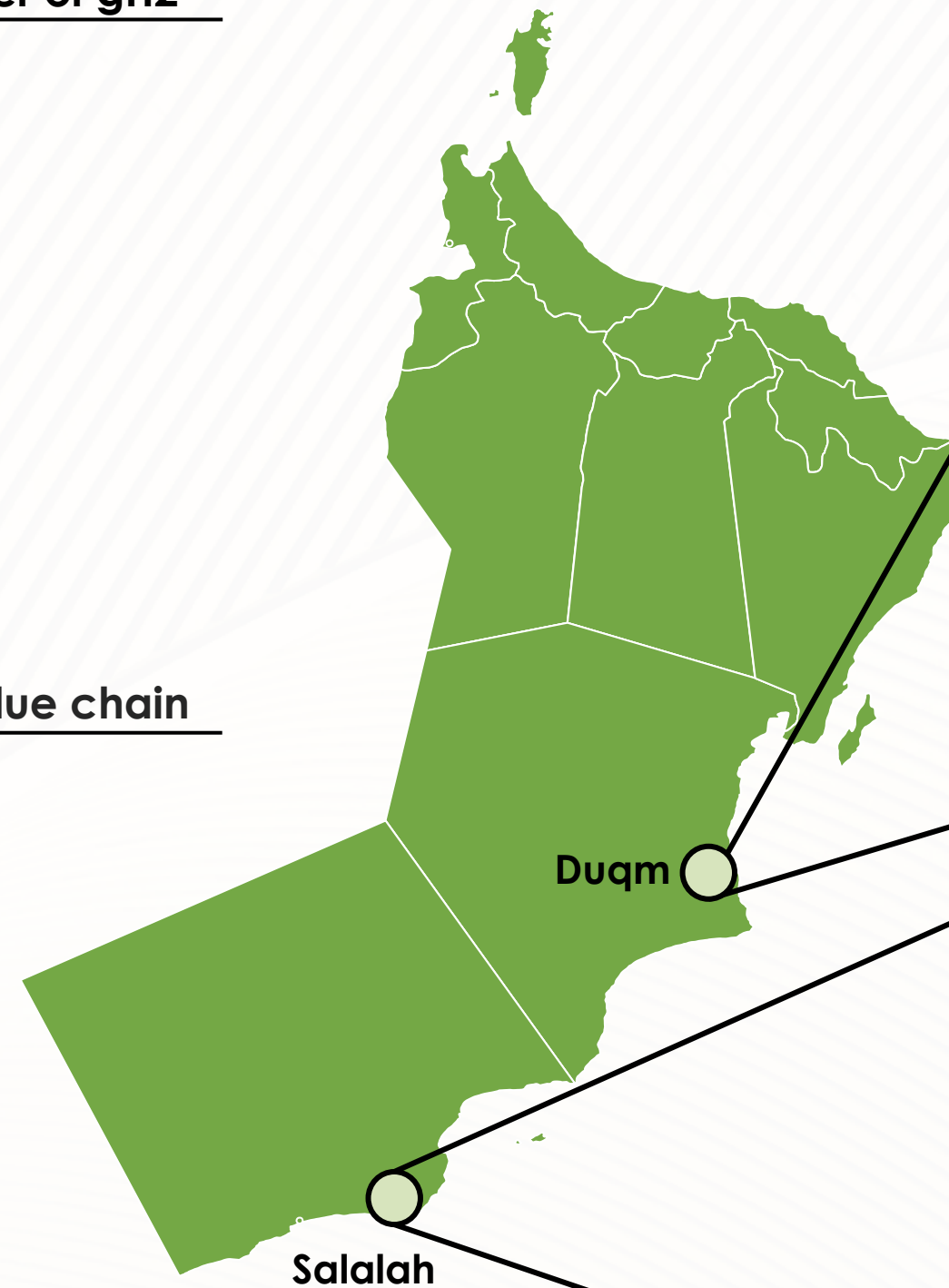


Oman aspires to be a key producer and exporter of gH2

Hydrom **Green H2** Production Targets

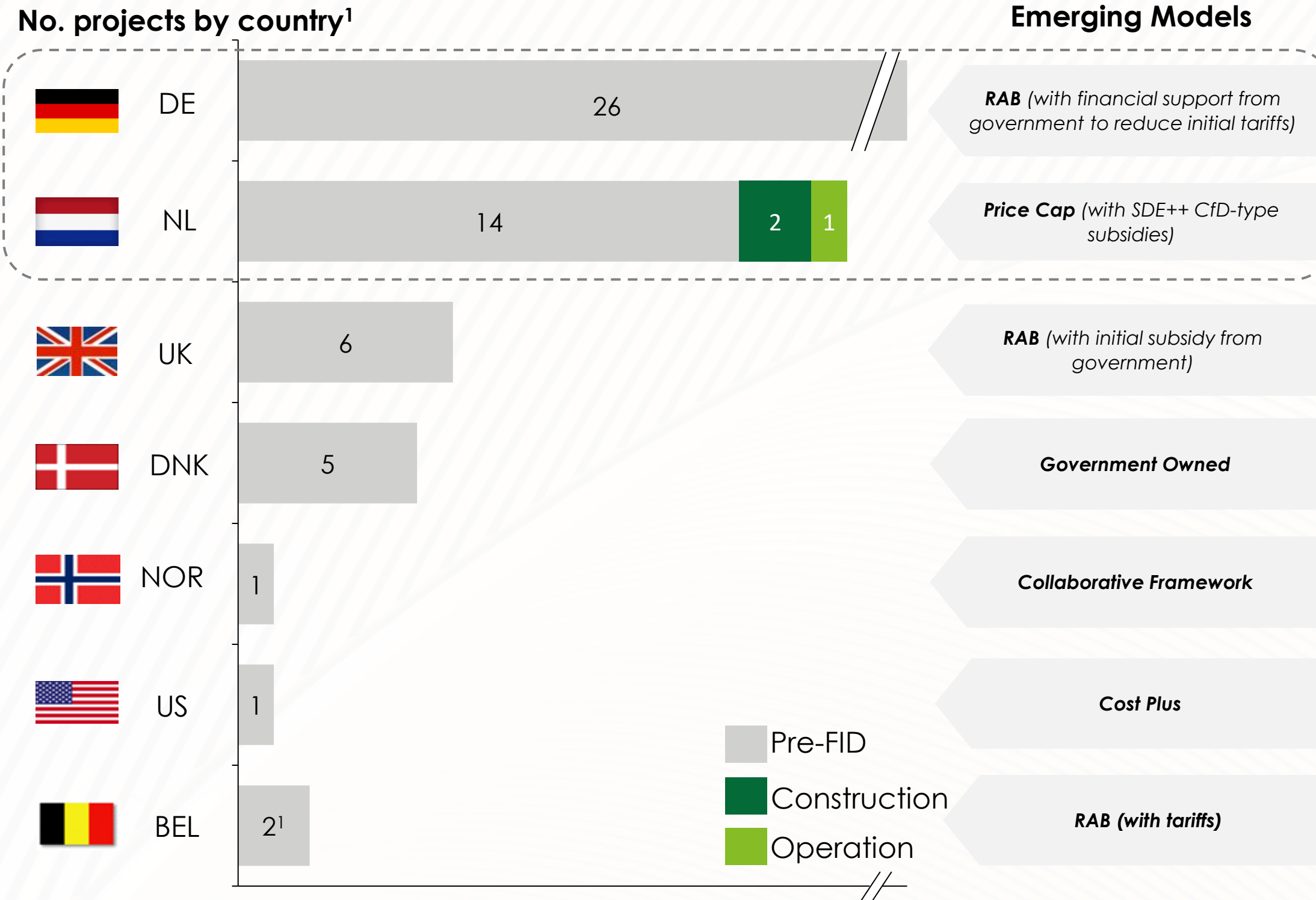


OQGN is playing a critical role in Oman's H2 value chain



Emerging Commercial Models for H2

Benchmark of most prominent commercial models applied to H2 projects



Prominent emerging models for more developed Hydrogen networks are either RAB or Price Cap models. **To date, no project is expected to be realised without some form of government support.**

CCUS Projects

Enabling Oman's Decarbonisation

Connecting emissions sources & utilisation/storage sinks



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OQGN is engaging stakeholders across the value chain



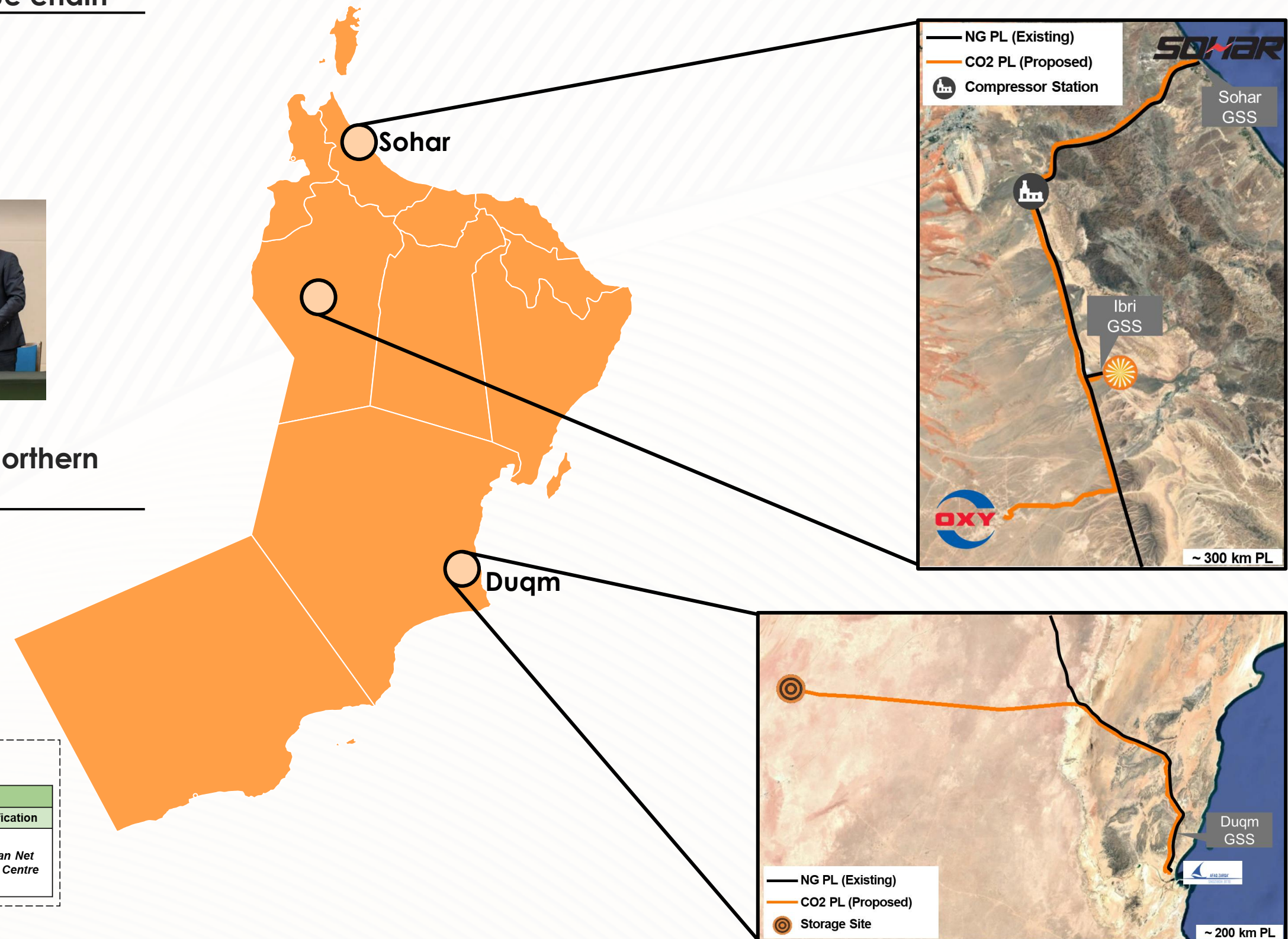
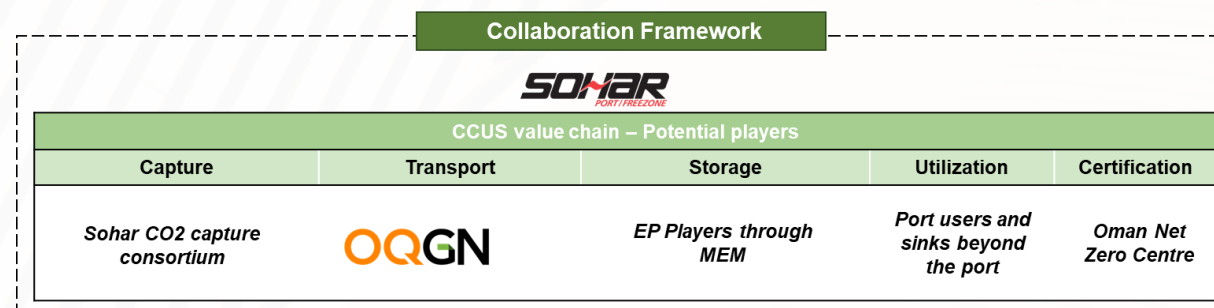
MoU signed with Oxy
Oman to develop CCUS
value chain for CO2-EOR

MoU signed with Sohar Industrial
Port Company to collaborate on
pipeline infrastructure to
decarbonise Sohar Port &
Freezone



OQGN is collaborating with SIPC to realise the Northern CCUS value chain

The aim of the collaboration framework is to
enable the decarbonisation of the Sohar
Industrial Area through CCUS initiatives by
securing a reliable supply of CO2 &
transporting it to identified sinks, e.g.CO2-EOR

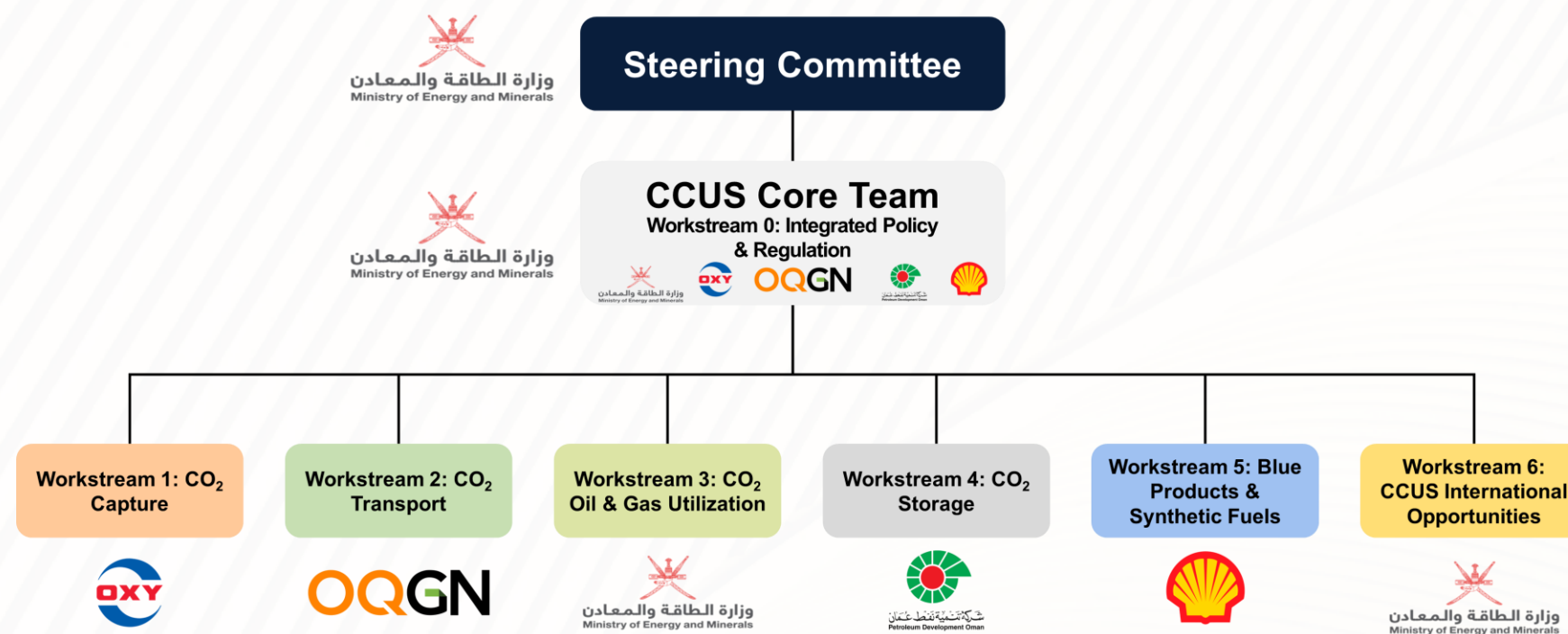


Enabling Oman's Decarbonisation



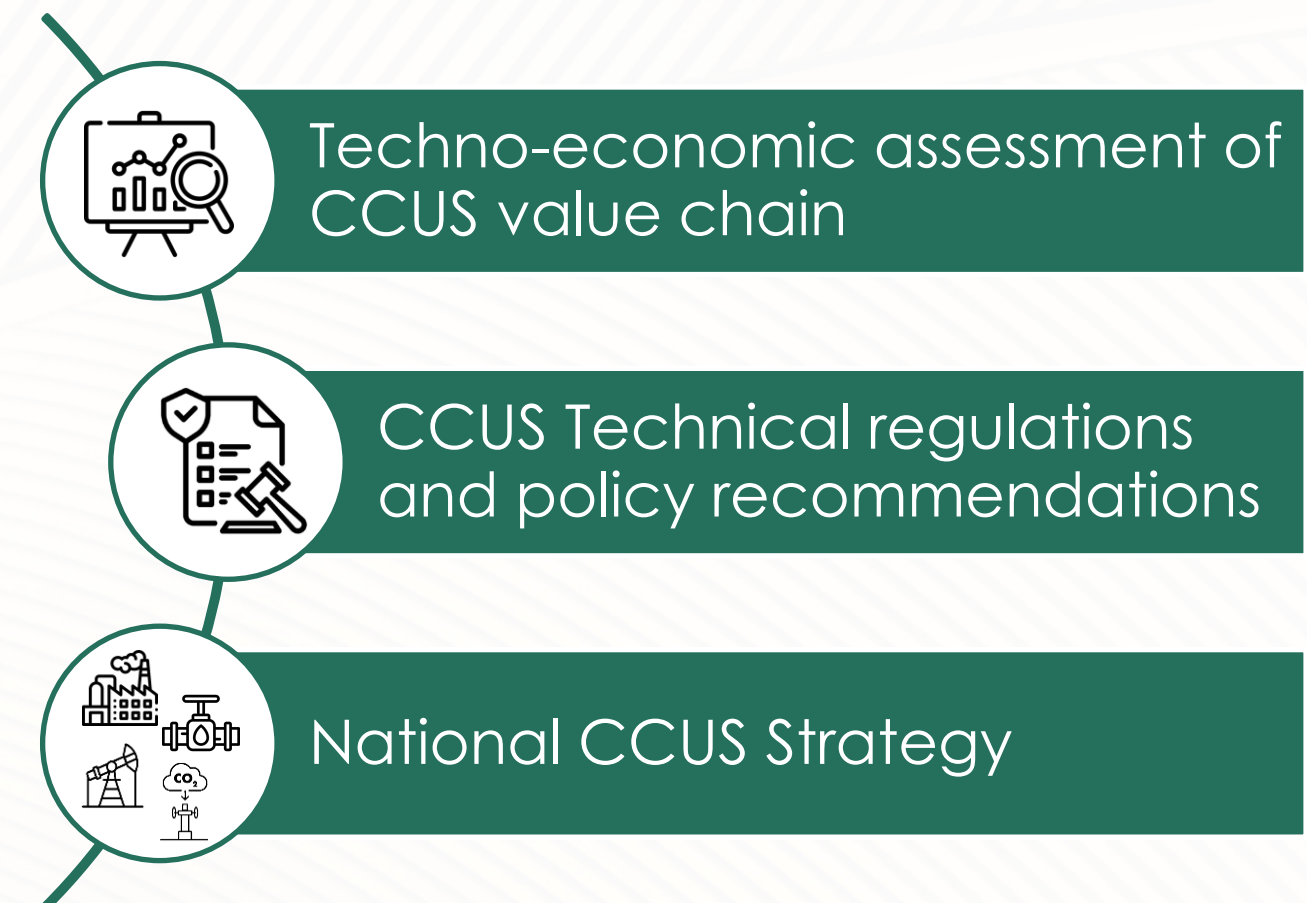
Developing national CCUS regulations and policies to provide confidence to investors

The Policy Maker, the Ministry of Energy and Minerals, established the CCUS Core Team in 2023 to provide advisory support in the development of a policy & regulatory framework in line with Oman's CCUS objectives as per the Orderly Transition Pathway



As Workstream 2 Lead, OQGN is responsible for advising the CCUS Core Team on technical regulations of CO2 pipeline transport and policy support that may be required to develop a national CO2 pipeline transmission network

CCUS Core Team Deliverables



Building on this momentum, the next steps include:

- Working with first movers to accelerate permitting & regulatory approach
- In-depth evaluation of policy recommendations to formulate official position of government
- Masterplanning of industrial development & transport infrastructure

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THANK YOU

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