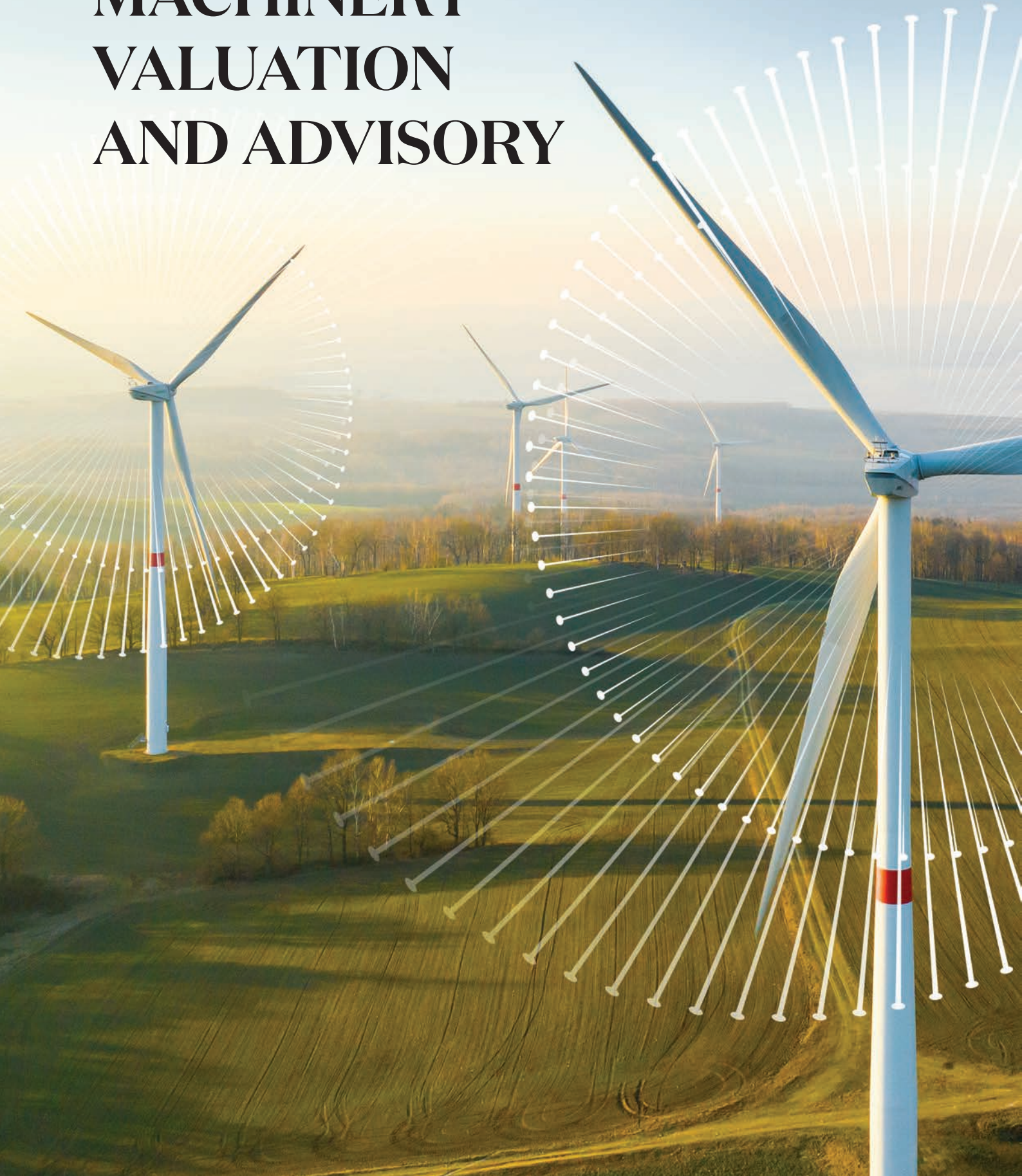


PLANT AND MACHINERY VALUATION AND ADVISORY



The background of the slide features a photograph of an oil pumpjack in silhouette against a vibrant sunset sky with orange and red clouds. Overlaid on this image is a complex network diagram consisting of numerous white lines radiating from a central point, with small white dots at the intersections and endpoints, resembling a data or communication network.

“

With markets still recovering from production and logistics disruptions stemming from the pandemic and further being compounded by swings of commodity and energy prices, it is imperative that assets are frequently subject to a professional valuation to be accurately reported

”

Muhammad is a Fellow Member of the Saudi Authority for Accredited Valuers and an Accredited Senior Appraiser with the American Society of Appraisers. He brings extensive experience valuing complex Plant and Machinery portfolios for Oil & Gas, Petrochemical, Energy & Mining, Food & Beverage and Pharmaceutical Industries.

Muhammad has worked across Europe, Middle East, Africa, South East-Asia and Australia advising clients for Mergers & Acquisitions, Financial Reporting, Impairment, Purchase Price Allocation, Privatizations, Debt-Restructuring, Insurance, Cost Componentization and Asset Based Lending.

The Plant and Machinery Valuation team comprising of surveyors and engineers focuses on working with clients to develop a detailed understanding of their subject assets combined with industry expertise and deep market research to ensure all aspects impacting the valuation of assets are competently reported.

Muhammad Ali Shaikh, ASA, FTAQEEM

Partner - Head of Plant & Machinery MEA
Muhhammad.Shaikh@me.knightfrank.com



PLANT AND MACHINERY VALUATIONS

Our diverse team of surveyors and valuers form our Plant and Machinery practice and bring a wealth of experience valuing complex facilities. Our regional network across Asia, Africa and Middle East gives clients access to valuation of their Plant and Machinery portfolios with consistency and accuracy.

INDUSTRY EXPERIENCE

Our Team has a successful track record of delivering Plant and Machinery Valuations whether it is a typical Manufacturing facility or an integrated Petrochemical complex.

At Knight Frank we assist clients to ensure their assets are categorized and valued utilizing our deep understanding of operating assets, our in-depth industry specific research and strong strategy track-record to support the valuation process to be in accordance with reporting requirements.

OUR SERVICES

- Mergers and Acquisition (M&A)
- IFRS/IAS accounting compliance (including but not limited to):
 - IFRS 13 Fair Value Measurement
 - IAS 36 Impairment of Assets
 - Purchase Price Allocation
 - IAS 16- Revaluation Model
- Tax /Financial Reporting:
 - Cost Segregation and Asset Componentization
 - Fixed Asset Register Creation / Reconciliation
 - Asset Verification
- Asset Retirement Obligations (ARO)
- Insurance Placement:
 - Replacement / Reinstatement Cost New
 - Desktop Updates
 - Industry Cost Escalation and Benchmarking Reports
- Initial Public Offering (IPO)
- Fund Raising and Loan security
- Expert Witness

Knight Frank provides a comprehensive range of services related to Plant and Machinery.

OUR SECTOR KNOWLEDGE INCLUDES



Oil & Gas

Upstream and Downstream
Rigs and Dredgers
Terminals and Tank Farms
Petrochemical Complex



Green Energy

Solar
Wind
Hydrogen
Biothermal



Public Utilities:

Power Plants (Generation
and Transmission)
Waste Treatment
Desalination Plants



Pharmaceutical and Healthcare



Infrastructure



Metals and Mining



Food and Beverage



Hospitality



Marine Vessels



TEAM CAPABILITY OVERVIEW

10 GW

power generation
capacity across EMEA

25

world-scale
petrochemical
plants valued

1.9M

barrels per day for crude
refining capacity in the
Middle East

2.3M

tonnes per annum
of aluminum
smelting capacity

\$5BN

worth of fixed asset
transaction advice for
M&A advisory support
of strategically sensitive
transactions

10+

most prominent
Pharmaceutical, Healthcare
and Food & Beverage brands
on the on the Forbes Global
2000

300 MW

of clean energy

6M

metric tonnes per annum of
direct reduction capacity for
steel plants across
MENA & APAC

TRACK RECORDS

MINING & METALS

- Largest Aluminum smelting facility in Europe manufacturing slabs and ingots.
- Swiss owned Cement Plants across Africa and APAC.
- Middle-East Steel fabrication facility with an annual production capacity of over 500,000 tonnes of steel.
- Construction and Mining Equipment used at various Mining Facilities in Africa.

OIL & GAS

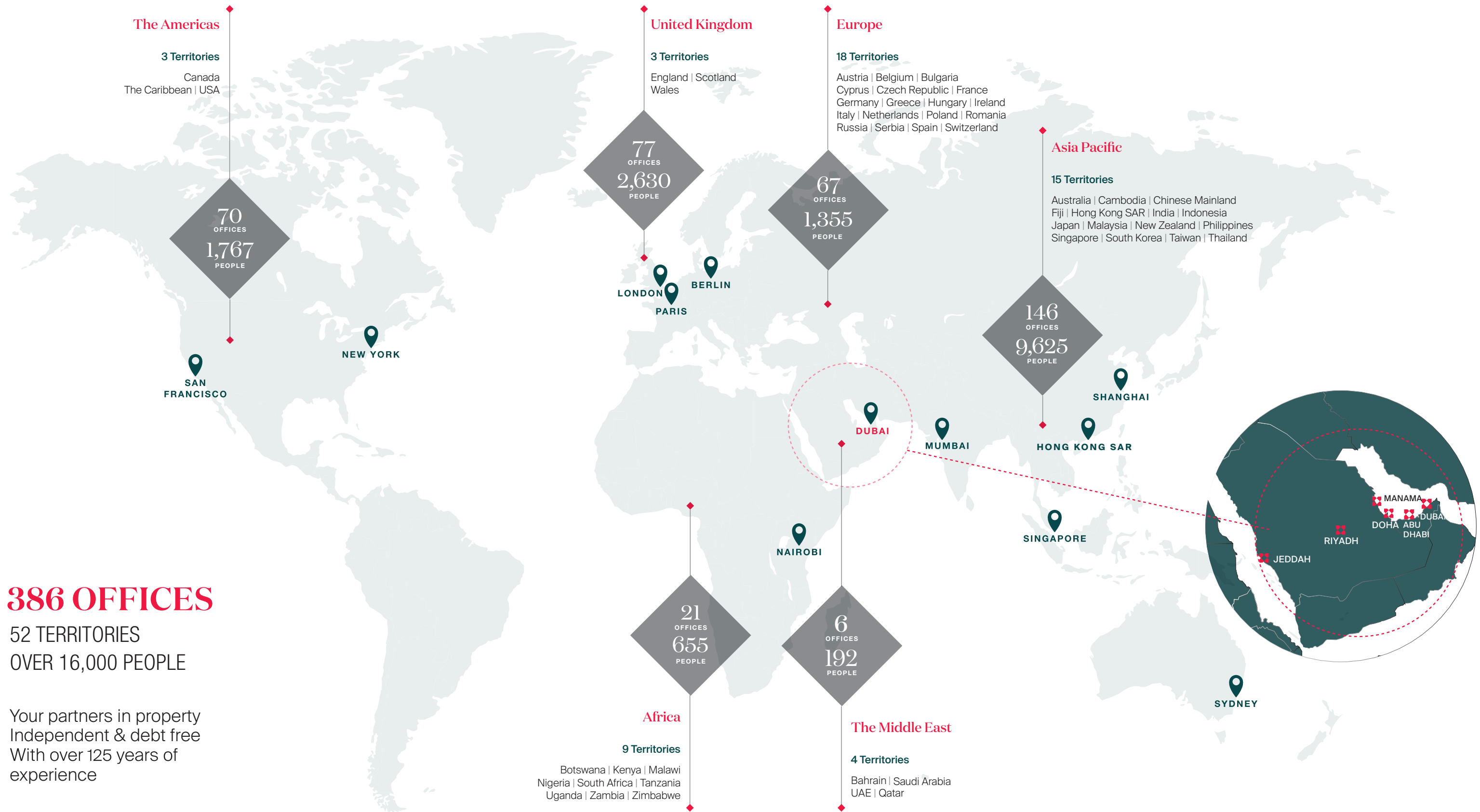
- Oil Export Facility, pipelines and oil corridor between two GCC oil exporting majors consisting of onshore and offshore assets.
- LNG Regasification Facility and Gas Cavern Storage.
- 1,000 MTPD Ammonia and 1,500 Urea MTPD Facility with associated infrastructure.
- Petrochemical facilities comprising of complex Ethylene derivate manufacturing facilities across EMA and APAC.

ENERGY & ALTERNATIVES

- Wind, Solar & Geo Thermal across EMEA & APAC with combined capacities in excess of 300 MW.
- African country's first indigenous privately-owned power generating company Thermal Power Plant.
- Processes facility for Ethanol at both 99.5%v/v and 96%v/v ethanol.
- Convectional power generation transmission and desalination facilities across EMEA and APAC.

MANUFACTURING

- 600MTPD and 200MTPD soybeans preparatory and oil refinery plants respectively.
- Manufacturing facility of Advanced Composite Components in the Middle East.
- Bottling and packaging facility for S&P 500 brands across EMEA and APAC.
- ISO5 and greater, manufacturing facilities across EMEA and APAC for variety of specialist food & beverage and pharmaceutical use.



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experience

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ADVISORY SERVICES

- Plant and Machinery Valuation and Advisory
- Valuation and Advisory
- Real Estate Strategy and Consultancy
- Education Consultancy
- Healthcare Consultancy
- Hospitality, Tourism and Leisure Advisory
- Project and Building Consultancy
- Property Asset Management
- Mortgage and Debt Advisory
- Residential Valuations
- Hospitality Valuation and Advisory

COMMERCIAL TRANSACTIONAL SERVICES

- ME Capital Markets
- Global Capital Markets
- ME Industrial and Logistics
- Occupier/Landlord Strategy and Solutions
- UAE Retail

RESIDENTIAL TRANSACTIONAL SERVICES

- London International Project Sales
- Prime Residential
- Residential Project Sales and Marketing
- Knight Frank Atelier
- U.S. Residential Developments
- Private Office

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