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Technical School

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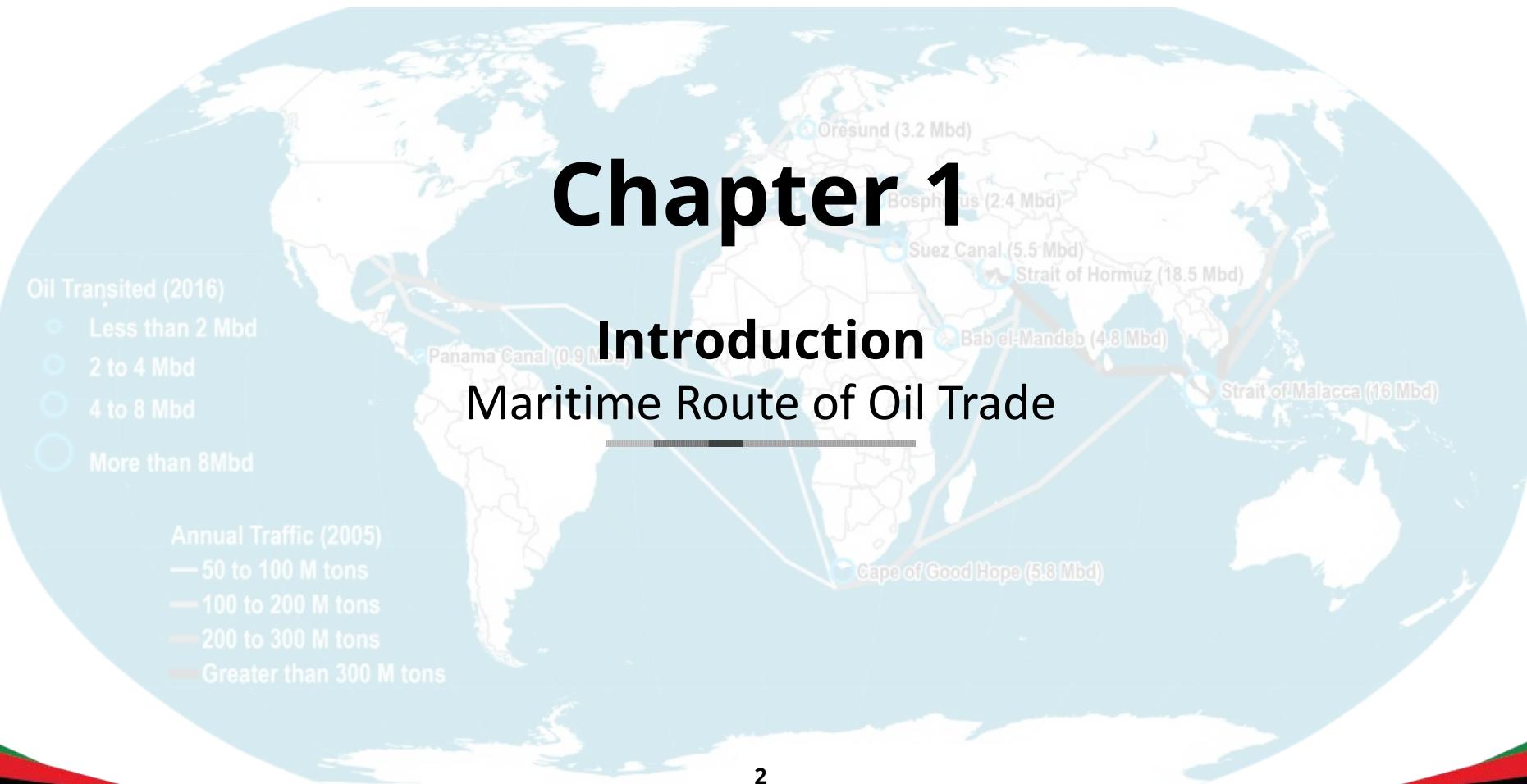
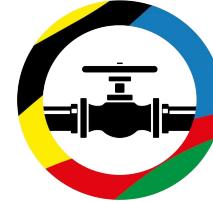
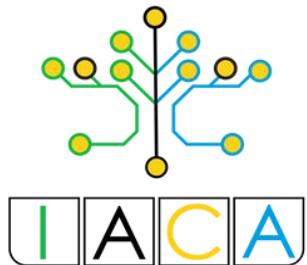
EAST AFRICAN
CRUDE OIL
PIPELINE



Marine Transport of Oil and Gas

EACOP TECHNICIAN APPRENTICESHIP

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Chapter 1: Introduction

Marine transport plays a pivotal role in the global oil and gas industry, serving as the backbone for the movement of vast quantities of crude oil, refined petroleum products, and liquefied natural gas (LNG) across international waters. This mode of transport is essential for ensuring that energy resources reach markets worldwide, supporting economic growth, and maintaining energy security.

1.1 Global Energy Supply Chain

The oil and gas industry is characterized by a complex supply chain that begins with exploration and production, followed by refining and processing, and culminates in distribution and consumption. Marine transport is integral to this supply chain, enabling the efficient and cost-effective movement of large volumes of oil and gas from producing regions to consumption centers.



Chapter 1: Introduction

1.2 The oil Cost Efficiency

Marine transport is one of the most cost-effective methods for moving large volumes of oil and gas over long distances

1.3 The oil Flexibility and Reach

The global nature of the oil and gas market requires a flexible transport system capable of reaching various destinations. Marine transport offers unparalleled flexibility, with the ability to navigate international waters and access ports around the world.

Chapter 1: Introduction

1.4 The oil Geopolitical Significance

Marine transport routes often pass through strategic chokepoints such as the Strait of Hormuz, the Strait of Malacca, and the Suez Canal.

1.5 The oil Environmental and Safety Considerations

While marine transport is indispensable, it also poses environmental and safety challenges. Oil spills and accidents can have devastating effects on marine ecosystems and coastal communities.

1.6 The oil Future Outlook

The importance of marine transport in the oil and gas industry is expected to grow as global energy demand continues to rise. Innovations in shipping technology, such as the use of LNG as a marine fuel and the development of autonomous vessels, promise to enhance the efficiency, safety, and sustainability of marine transport.

Chapter 1: Introduction

Oil Spill, Impact Of Marine Transport Of Oil and Gas





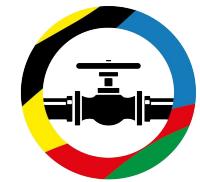
ANY
QUESTION





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