

**THESIS**

**COOPERATION IN THE DEVELOPMENT OF  
LIQUEFIED NATURAL GAS (LNG) PROJECT OF SAUDI  
ARAMCO COMPANIES TO REALIZE A SUSTAINABLE  
ENERGY ECONOMY**



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**Cooperation in The Development of Liquefied Natural Gas (LNG) Project of  
Saudi Aramco Companies To Realize A Sustainable Energy Economy**

Requirement for Bachelor's Degree in International Relations Study Program

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## ABSTRACT

Petroleum as the primary energy source has served as the core of global industrialization and the economy of Saudi Arabia. However, the increasing global energy consumption necessitates energy diversification towards more sustainable sources. This study aims to analyze Saudi Aramco's international cooperation, particularly in the development of Liquefied Natural Gas (LNG) projects, to achieve an environmentally friendly energy economy. The research employs a qualitative exploratory approach by analyzing secondary data, including journals, books, industry reports, and official documents. The findings reveal that Saudi Aramco, in collaboration with international partners such as ADNOC, PTT PCL, and SINOPEC, has successfully leveraged abundant natural gas reserves for LNG development. These projects support the global energy transition by offering cleaner fuels, reducing carbon emissions, and strengthening Saudi Arabia's economic diversification in alignment with Vision 2030. Through these partnerships, Saudi Aramco has been able to expand its global energy market reach by utilizing low-emission technologies and adopting green innovations, such as Carbon Capture, Utilization, and Storage (CCUS) and the integration of renewable energy into production processes. International collaboration is key to LNG development as a sustainable transitional energy source. Cross-border cooperation enables technology optimization while efficiently utilizing resources and creating green energy solutions that support economic growth and environmental preservation. This study recommends expanding investments in green technologies and enhancing synergies with international partners to ensure the sustainability of LNG projects.

**Keywords:** LNG, International Cooperation, Environmentally Friendly, Saudi Aramco, Green Industry.

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## ABSTRAK

Minyak bumi sebagai sumber energi utama telah menjadi tulang punggung industrialisasi global dan perekonomian Arab Saudi. Namun peningkatan konsumsi energi global menuntut diversifikasi energi menuju sumber yang lebih berkelanjutan. Penelitian ini bertujuan untuk menganalisis kerja sama internasional Saudi Aramco khususnya dalam pengembangan proyek *Liquefied Natural Gas* (LNG) untuk mewujudkan ekonomi energi yang ramah lingkungan. Metode yang digunakan yaitu pendekatan kualitatif eksploratif melalui analisis data sekunder seperti jurnal, buku, laporan industri, dan dokumen resmi. Hasil penelitian menunjukkan bahwa Saudi Aramco bekerja sama dengan mitra internasional seperti ADNOC, PTT PCL, dan SINOPEC berhasil memanfaatkan cadangan gas alam yang melimpah untuk pengembangan LNG. Proyek ini mendukung transisi energi global dengan menawarkan bahan bakar yang lebih bersih, mengurangi emisi karbon, serta memperkuat diversifikasi ekonomi Arab Saudi sesuai visi 2030. Melalui kerja sama ini Saudi Aramco dapat memperluas jangkauan pasar energi global dengan memanfaatkan teknologi rendah emisi dan mengadopsi inovasi hijau seperti penangkapan karbon (CCUS) dan integrasi energi terbarukan dalam proses produksi. Kerja sama internasional merupakan kunci dalam pengembangan LNG sebagai energi transisi yang berkelanjutan. Kolaborasi lintas negara menjadikan optimalisasi teknologi dengan tetap memanfaatkan sumber daya dan menciptakan solusi energi hijau yang mendukung pertumbuhan ekonomi dan pelestarian lingkungan. Dalam penelitian ini merekomendasikan perluasan investasi dalam teknologi hijau dan peningkatan sinergi dengan mitra internasional untuk memastikan keberlanjutan proyek LNG.

**Kata Kunci:** LNG, kerja sama internasional, ramah lingkungan, Saudi Aramco, *green industry*

**DECLARATION  
THE ELIGIBILITY FOR THESIS EXAMINATION**


It is hereby stated that the undergraduate thesis, entitled:  
**Cooperation in the Development of Liquefied Natural Gas (LNG) Project of Saudi Aramco  
Companies to Realize a Sustainable Energy Economy**


Prepared by  
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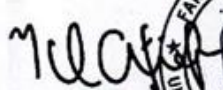



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## DECLARATION

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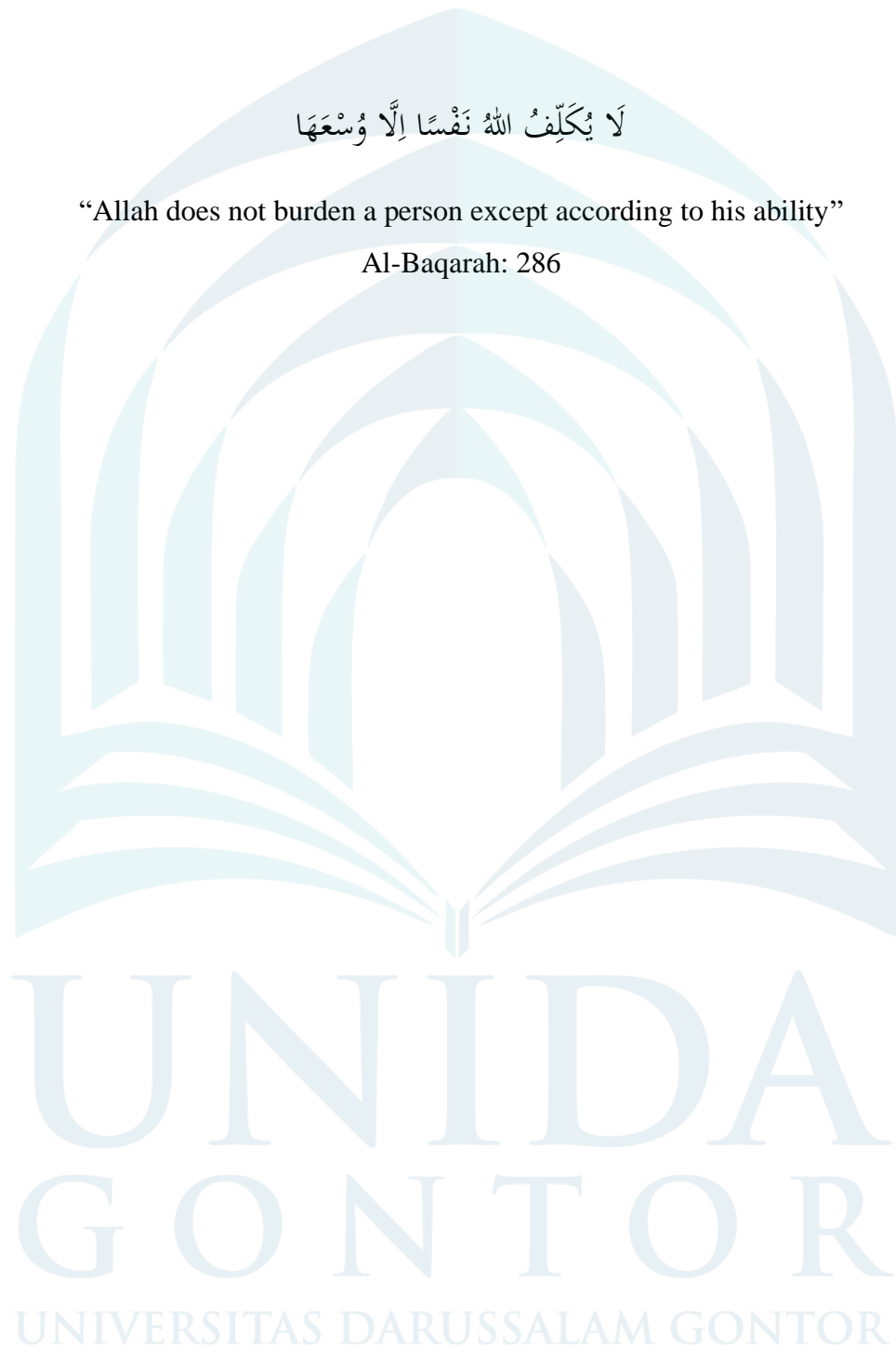
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## MOTTO

لَا يُكَلِّفُ اللَّهُ نَفْسًا إِلَّا وُسْعَهَا

“Allah does not burden a person except according to his ability”

Al-Baqarah: 286



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The author acknowledges that this research is far from perfect, limited by personal knowledge and experience. Constructive criticism and suggestions are most welcome for

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Ponorogo, 16 January 2025

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