Thesis Title	**The use and transport of natural gas through pipelines in the industry of Cyprus**
Programme of Studies	BSc in Mechanical Engineering, Frederick University
Course	OG 405 Senior Project
Area of Study	Process Engineering
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Short Description	This thesis delves into the intricate landscape of natural gas utilization and transportation via pipelines within the industrial realm of Cyprus. With a focus on the energy sector, the study explores the multifaceted facets of natural gas adoption, addressing its role in powering industries while examining the operational and logistical aspects of pipeline transportation. Through in-depth analysis and case studies, the research evaluates the economic, environmental, and technological implications of integrating natural gas into the industrial fabric of Cyprus. By investigating the challenges and opportunities associated with pipeline-based natural gas transport, the study not only contributes to a comprehensive understanding of Cyprus' industrial energy landscape but also provides insights into potential enhancements in efficiency, sustainability, and economic growth.