

Thesis Brief Description

Thesis Title	Gas transportation to Cyprus
Programme of Studies	BSc in Mechanical Engineering, Frederick University
Course	OG 405 Senior Project
Area of Study	Process Engineering
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Supervisory Committee	Dr Chris Christodoulou, Professor, Mechanical Engineering Department Dr. George Karagiorgis, Professor, Mechanical Engineering Department
Semester	Spring Semester 2021
Short Description	<p>This dissertation aims to underscore the dynamics of natural gas transfer, particularly within the context of establishing the Internal Market of Natural Gas in Cyprus. Focused efforts have been directed towards cultivating this market, involving projects for essential infrastructure development and domestic natural gas supply. The significance of the "CYPRUSGAS2EU" gas supply infrastructure project, designated as a Project of Common Interest, cannot be overstated. It plays a pivotal role in mitigating Cyprus' energy isolation, fostering an internal gas market within the country and the broader region. This project facilitates cross-border gas transmission, bridging neighboring Member States and Eastern Mediterranean nations. Furthermore, it advocates for amendments to the Regulatory Framework governing the Natural Gas Market, enhancing alignment and effective application of European regulations. The integration and utilization of Natural Gas in Cyprus is expected to catalyze the required infrastructure development and upgrades for both the Energy and Industrial sectors, thus facilitating a smoother transition to Natural Gas utilization once the exploitation of identified gas deposits within Cyprus' Maritime Area commences.</p>