



Has Saptan Underground & Above Ground Installations

Upgrading & Refurbishing

Mutual Joint Visit Workshop for Seveso Inspections

10th April, 2019



Who we are

- Set up in August 2014 – Main Shareholder: G.O.M.
- Took over Petroleum Division within Enemalta Corporation
- 5 facilities for storage of petroleum products, with a total capacity of 254,000 MT
- Main products: petrol, diesel and aviation fuel
- Operates in 3 markets
 - Landside with own franchise outlets
 - Airside
 - Industrial – Heating Gas Oil
- Total workforce of 180 employees
- First company in Malta (within sector) certified ISO9001:2015



Who we are cont...

- Operates from 5 locations in Malta
- The facilities connected through an extensive pipeline network
- **Luqa airport** which provides short term storage for distribution of Jet A1 fuel for airlines;
- **Has Saptan** storing fuel for the local market and offering third party storage
- **31st March Birzebbugia** storing fuel for the local market, including petrol, diesel and Jet A1 fuel
- **Wied Dalam** storing Jet A1 fuel in transition to Luqa airport facility;
- **Ras Hanzir** primarily used for third party storage of gas oil and also for local industry use of heating gas oil.



Vision & Mission



Our Vision

*“To become the preferred choice for our **customers**, **investors** and our **team**.”*

Mission Statement

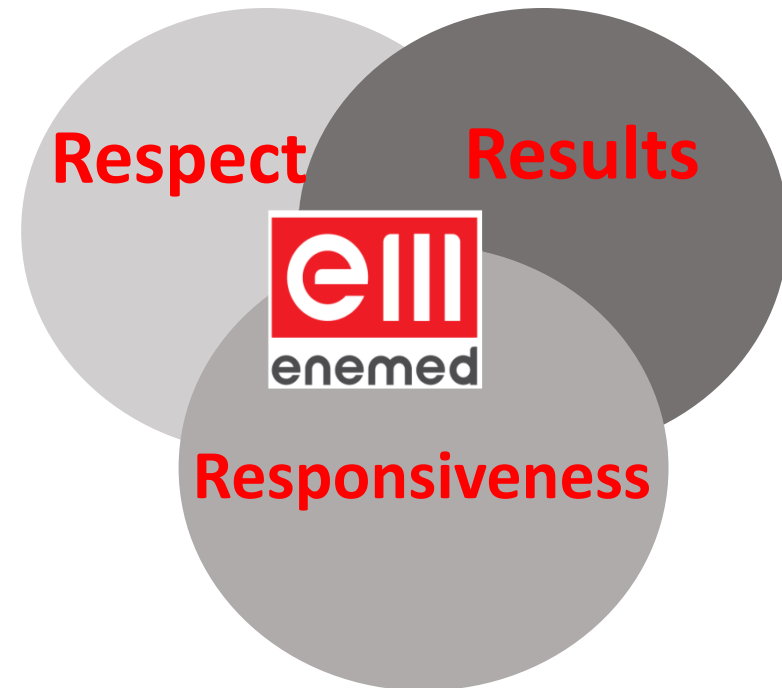
“To develop, store and provide cleaner, safer, and superior quality fuels for the domestic, leisure, commercial, industry and the aviation sectors whilst striving to exceed customer expectations, increase shareholder value and create the best working environment for our team.”



Shared Values – *The 3 R's*

Our daily decisions must be guided by these 3 core values:

- **Respect**
 - *To Ourselves, Our team and Our Environment*
- **Responsiveness**
 - *To Our Customer needs*
- **Results**
 - *To Our Shareholders*





Capital Infrastructural Projects

- *Has Saptan Underground - Storage Tanks Upgrading Project*
- *Has Saptan Above Ground - New Distribution & Logistics Centre*
- *Luqa Airside - Replacement of Storage Facilities*

Total Investment in excess of €85 million



Has Saptan Underground Project





Has Saptan Underground Project – Brief History

- Built in the 1950's
- 45 metres underground
- Tunnel connections of 4km from Has Saptan to Marsaxlokk and another 4kms tunnel leading to Ras Hanzir (Corradino)
- 5 pump rooms
- Storage of Diesel, Gasoline, Gasoil, JET A1 fuel
- 16 Underground tanks each having a diameter of 10.4 metres, varying in length from 40 to 220 metres
- Total Capacity of 170,000 cubic meters



Has Saptan Underground Project – Refurbishment Program

- A 7-year Programme
- New automated Pumps and motorised valves being installed in the existing underground pump rooms
- New electrical Cables/Fibre Optic
- New pipelines
- Novac Gas Suppressing system located in pump rooms
- Existing Tanks are being lined with an EN 13160-1 class 2 Leak Detection system monitoring tanks 24/7
- Vapor detectors, leak detectors, magnetic fire doors and an automated Emergency Shut down system (ESD), including water mists placed in strategic locations in the tunnel



Has Saptan Underground Project – Tank Lining Process



Tank 11 currently being prepared

Process includes:

- Blasting
- Scraping and cleaning
- First layer of lining
- Interstitial space including vacuum tubing
- Second layer of lining
- Third and Final Lining layer



Has Saptan Underground Project – Lining Process





Has Saptan Underground Project – Lining Process



Final Lining Layer



New Pipeline Network

Has Saptan Underground Project – Underground Pump Room



Existing Blue Pump Room



New Blue Pump Room



Has Saptan Aboveground Project





Has Saptan Aboveground Project





Has Saptan Aboveground Project





New Distribution & Logistics Centre – main Features

- Strategically located near the main storage
- 6 lane bottom loading Gantry, equipped with a VRU (vapor recovery unit)
- Diesel EN590, Gasoline, Kerosene and Gasoil storage and distribution centre
- Automated truck loading system
- 12 Stainless Steel Day Tanks, of 256 cum each - 72 hours autonomy
- A fully automated Emergency shut down system (ESD)
- An autonomous fire safety foam system



Underground Refurbishing & New Distribution Centre

- HAZID and HAZOP and LOPA studies performed pre and post detailed engineering
- Latest Safety Equipment is being installed including vapour detection, leak detection, and an automatic shutdown system (ESD)
- All equipment certified by a third party inspection agency
- A Safety Management System (SMS) and Major Accident Prevention Policy (MAPP) studies performed and are being implemented



Benefits

- More efficiency in design and processes
- Elimination of 2 out of 5 existing facilities
 - Ras Hanzir
 - Has Saptan
 - Luqa Airside
 - **Wied Dalam – closed down**
 - **Birzebbugia – close down**
- Reduce risk of incidents
- Leaner operations



Thank You