



SARLUX PROJECT

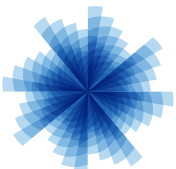
A showcase MVC plant for the desalination industry

The Sarlux Integrated Gasification Combined Cycle (IGCC) plant is the second largest in Europe and converts heavy oils (tar) into electricity, which is then fed into the Italian State Grid. A reliable and stable source of high purity, de-aerated water was needed to operate the largest Mechanical Vapor Compression (MVC) plant efficiently.

IDE's MVC solution has a remarkable record for simple and economical operation at low electrical consumption and is ideal where a stable and reliable source of pure water is critical for success.

Highlights

- **Track record** - continuous successful operation for over 15 years
- **Technological leadership**
 - Optimized design results in highly cost-effective, reliable operation with low energy consumption
 - Option for use of steam power to supplement electricity further reduces operating costs



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Overview

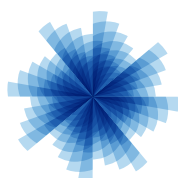
- **Capacity:** 17,280 m³/day
- **Technology:** Mechanical Vapor Compression (MVC)
- **Project Type:** Engineering-Procurement-Construction (EPC)
- **Location:** Sardinia, Italy
- **Footprint:** 35m x 70m
- **Commission Date:** 1999

About IDE

IDE is a world leader in water treatment solutions. We specialize in the development, engineering, construction and operation of some of the world's largest and most advanced thermal and membrane desalination and industrial water treatment plants.

IDE partners with a wide range of customers - municipalities, oil & gas, mining, refineries and power stations - on all aspects of water projects, and delivers approximately 3 million m³/day of high quality water worldwide.

IDE listens first and then brings technological leadership, proven reliability and consistent delivery to all our customers. Our highly experienced and dedicated team knows that strong partnerships lead to success and growth.



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