WINTERSHALL PROJECT

Providing Germany's Leading Oil & Gas Supplier with a Superior Alternative for Oil Recovery

A cost-effective, eco-friendly solution that replaced the existing conventional boiler feed water generation process for the Emlichheim Oil Field. IDE's industrial water treatment solution has been in continuous operation since 1991, delivering 100% of the design capacity and ensuring steady, successful oil production for many years.

Highlights

- **Proven reliable track record**
  - Continuous successful operation for over two decades
- **Technological leadership**
  - Robust horizontal design optimized for customer needs
  - Cost-effective high quality materials of construction (MoC) designed for durability
  - Inherent stability and automatic control, reducing the need for labor and maintenance, while maintaining high availability
- **Environmental responsibility**
  - No additional water resources required
  - Closed loop water treatment
  - 25% lower energy consumption

IDE Technologies | Your Water Partners

Delivering Excellence 50 YEARS Through Partnership

www.ide-tech.com

"IDE's Evaporators have operated at 98% availability for the last 20 years, allowing for maximum oil production via a truly sustainable water treatment solution."

Ludger Lau, Plant Operational Engineering & Technology, Wintershall, Germany

Overview

- **Capacity:** 1,200 m^3/day
- **Technology:** Mechanical Vapor Compression (MVC)
- **Project Type:** Engineering-Procurement-Construction (EPC)
- **Location:** Emlichheim Oil Field, North Germany
- **Commission Date:** 1990, 1991

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 m^3/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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