

# ENGINEERS IRELAND - CORK REGION WINTER LECTURE SERIES

## Underground Gas Storage

### About the event:

Indigenous gas supplies from the UK Continental Shelf are reducing. Therefore energy security of supply is a key concern for Europe particularly considering the shocks to the energy market in 2006 and 2009 when Russia turned off gas supplies. The development of underground gas storage can help to reduce such concerns.

This lecture will provide an overview of underground gas storage in Europe, the drivers for its development and its potential for Ireland.

The lecture will focus on salt cavern underground gas storage (its construction and operation) and in particular on the feasibility study currently being carried out jointly by Bord Gais Energy and GDF SUEZ to develop such a facility in Northern Ireland.

An extensive seismic survey was completed in early 2010 and BGE and GDF SUEZ are now preparing to carry out a Test Drill near Larne in early 2011 to obtain a core sample of salt 1 mile below the surface.

### Event details:

**Date:** Tuesday 14th December 2010

**Time:** 20:00

**Venue:** Rochestown Park Hotel, Cork

For further details on this event, check out our [community calendar](#) in the members area of the website or visit the Cork Region [website](#)

### About the speaker:

Henry Smyth is the Head of New Energy & Technology in Bord Gais Energy. Henry has over 14 years experience in the energy industry, both in Ireland and abroad and has held a variety of roles including commercial, operational and construction in Bord Gais, IEM and Alstom, the multinational power and transport company. Henry is a graduate of Mechanical Engineering from Queen's University Belfast and he also holds a Masters degree in Sustainable Energy from UCC. The New Energy & Technology Dept. are responsible for driving Bord Gais Energy's R&D as well as managing the development of future projects including Tidal Power, Wave Power, Underground Gas Storage, Biogas etc.