



**Cork Constraint Computation Centre**

University College Cork

"Making Hard Choices Easier"



## Gas Storage Tool for optimising economic efficiency (GAST)

### Project Description

We aim to develop novel economic mechanisms for optimising the efficient utilisation of natural gas storage facilities. We use a computational mechanism design approach to engender a within-period ex-post Nash equilibrium outcome that incentivises truthful behaviour for storage leaseholders in a shared facility. We shall also develop a prototype for an online interface for managing the information flow regarding nominations for injection and withdrawal scheduling for gas shippers.

### Project Coordinator

Dr. Alan Holland



Enterprise Ireland

Proof of Concept Award – PC/2008/0367

Start Date: 01.03.2009

End Date: 30.09.2010



University College Cork

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Department