



Cork Constraint Computation Centre

University College Cork

"Making Hard Choices Easier"



Information and Communication Technology for Sustainable and Optimised Building Operation

Project Description

ITOBO, the SFI Strategic Research Cluster for Sustainable and Optimised Building Operation, will undertake research in Information and Communication Technology that will enable us to develop a holistic, methodological framework for life-cycle oriented information management and decision support in the construction and energy-management sectors. *The domain-specific goal is to develop an anticipating (smart) building that operates on an energy-efficient and user-friendly basis while reducing its maintenance costs.*

Project Coordinators

Prof. Eugene C. Freuder and Dr. Ken Brown

Project Partners

UCC Civil and Environmental Engineering Dept. (lead)
Arup, CIT, Cylon, Environmental Research Institute, HSG, Intel, NUI Galway,
Tyndall National Institute, UCC CS Dept. and Vector FM



Science Foundation Ireland – 07/SRC/11170

Strategic Research Cluster

Start Date: 01.12.2007

End Date: 30.11.2012



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Computer

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Department