

## 2006

### Overall Winner & Infrastructural Category Award | Cathaleen's Falls Bridge in Ballyshannon, County Donegal



In the Infrastructure Category the jury considered 8 entries. The jury was encouraged by the consideration of the aesthetic which was demonstrated by projects which might, in earlier times, have been considered purely functional or entirely banal. The winning entry demonstrated that concrete can be used to give a sense of lightness to a structure and how precast and in-situ elements can be combined to create a striking addition to our landscape.

The Award Winner in the Infrastructure Category, and the Overall Winner of the Irish Concrete Society Awards, is the Cathaleen's Falls Bridge in Ballyshannon, County Donegal.

Project Details:	Client:	Donegal County Council
	Engineer:	Fehily Timoney Gifford, FTG
	Contractor:	SIAC Wills Joint Venture
	Major Supplier:	Cemex Ireland and Banagher Concrete Ltd

### Building Category Award | Source Arts Centre and Library in Thurles, County Tipperary

In the Building Category the jury considered 10 entries. We were impressed with the excellent standard to which designers and constructors have advanced the use of concrete as an aesthetic material.

The winning scheme uses concrete as a strong support for the architectural form in producing cranked planes to create a varying volumetric composition. The concrete structure, thus expressed, enhances the sense of space and quietude that the building demands.



The Award Winner in the Building Category is the Source Arts Centre and Library in Thurles, County Tipperary.

Project Details:	Client:	Tipperary County Council
	Architect:	McCullough Mulvin Architects
	Engineer:	O'Connor Sutton Cronin
	Contractor:	Tom Hayes Ltd.

## Elemental Category Winner | Franciscan Friary in Knocktopher, County Kilkenny



In the Elemental Category, the jury considered 4 entries of varying scale and composition.

The authors of the winning scheme in this Category have used board-marked concrete walls internally and externally to give visual strength to the architectural form; and they have done so in a manner which successfully exploits the functional and aesthetic potential of the material.

The Award Winner in the Elemental Category is the Franciscan Friary in Knocktopher, County Kilkenny.

Architect: ODOS Architects and O'Shea Design Partnership  
Engineer: Fearon O'Neill Rooney Consulting Engineers  
Contractor: Clancy Construction

## Highly Commended: Sustainability Category | Environmental Research Institute building in University College Cork

In the new Category, for the use of concrete in a sustainable context, the jury wishes to Highly Commend one entry. That entry demonstrates the integration of the concrete structure into the environmental design of the building by using the thermal mass and exposed soffits of the concrete floors to balance the building's energy requirements.

The Commendation in the Sustainability Category goes to the Environmental Research Institute building in University College Cork.

## **Sustainability Award | Environmental Research Institute building in University College Cork**

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The Commendation in the Sustainability Category goes to the Environmental Research Institute building in University College Cork.

Project Details:	Client:	University College Cork
	Architect:	Bucholz McEvoy Architects Ltd
	Engineer:	MCOS – RPS, Cork
	Contractor:	John Sisk & Son Ltd.
	Major Supplier:	John A. Wood Ltd.

## **Sean de Courcy Award | “Durability Testing of Self Compacting Concrete” by Trevor Barrett and Fiachra O’Connor of UCD**

This is an award given to the best final-year project on a concrete-related topic from the engineering facilities of the third level institutions.

The award is named after the late Sean de Courcy, an inspirational professor of Civil Engineering for many years at UCD, a former chairman and friend of the Irish Concrete Society and an author and historian of note.

The projects are judged by a panel of three Frank Sheil, ESB International, Peter Flynn of Arup and Peter Seymore of Ecocem. The panel looked for originality and relevance of topic, good quality research and experimentation, sound analysis, a good level of understanding and clear and concise presentation. The panel found all these attributes in the winning project this year.

Durability Testing of Self-Compacting Concrete Containing GGBS, PFA, Reclaimed Filler and Steel Fume as Fillers – Trevor Barrett and Fiachra O Connor of UCD. This project assessed the durability properties by experiment of four different mixes of self compacting concrete.

The winners of the Irish Concrete Society Sean De Courcy Student award for 2006 are Trevor Barrett and Fiachra O’Connor of UCD for ‘Durability Testing of Self Compacting Concrete’. The project topic is very relevant given the recent growth in pre-cast concrete and the proposed amendments to IS EN 206. The panel also found that the objectives of the project were clear and achieved. The research was thorough, the experimental work was comprehensive and correctly analysed and the entire project was clearly and concisely presented.