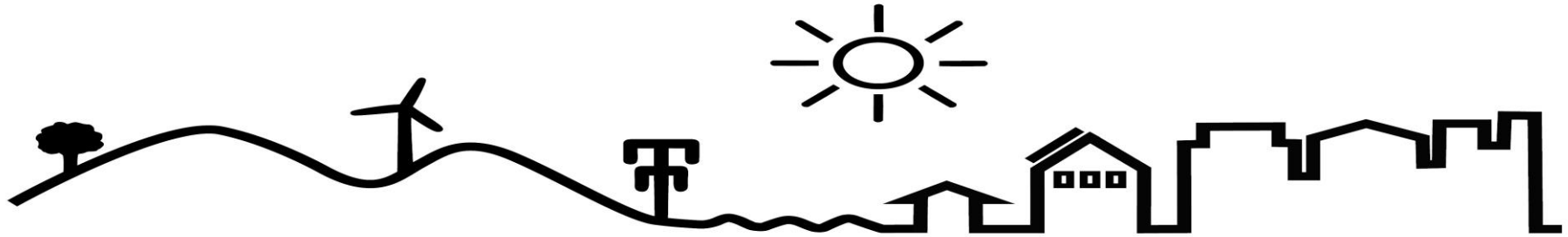


SPECIAL Planning and Energy CPD - Module 2 - The Meeting Point



SPECIAL

**SPATIAL PLANNING and ENERGY for
COMMUNITIES IN ALL LANDSCAPES**

The Irish Planning Institute (IPI) is a partner in a pan-European project titled 'Spatial Planning & Energy for Communities in all Landscapes' (SPECIAL).

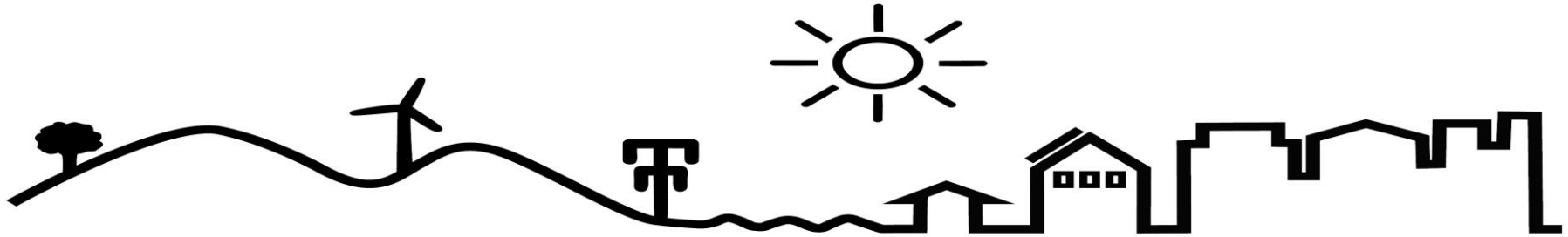
SPECIAL aims to up-skill practicing Planners

2nd in a series of 5 pilot training events to take place up to July 2015

The next module is called The Departure Point and will take place on Thursday May 28th at ESBI offices

The aim of this module is to explore the departure point for addressing the energy challenge and to set the scene for strengthening links between spatial planning and energy in Ireland.

SPECIAL Planning and Energy CPD - Module 2 - The Meeting Point



SPECIAL

SPATIAL PLANNING and ENERGY for COMMUNITIES IN ALL LANDSCAPES

10.00 to 10.10 **Patrick de Roe FRIAI (SDCC) Chairman**

Introduction

10.10 to 10.30: **Jay Stuart (DWEcoCo Ltd)**

**The evolution of the building regulations in Ireland,
European comparisons, retrofitting existing building stock and planning consideration**

10.30 to 10.50: **Ronan Columb (Castlethorn Construction)**

Experiences and Considerations in addressing Part L of the Building Regulations

10.50+: **Q&A and Discussion**

SPECIAL Planning and Energy CPD - Module 2 - The Meeting Point



Planning and construction regulation recognised the symbiotic relationship between planning on a large scale and compliance with construction ordinances.

Nero – the hero or villain

Physical expression of building laws in planned environment

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17th - 18th Century development and planning as expressed in Dublin, Edinburgh, London, Paris etc.

Density increases with new development models

Planning with incumbent building rules follow with lessons from previous disaster incorporated

Fire becomes a major generator of regulation again



Late 20th / 21st Century development and planning have altered significantly in technical, use and comfort demands .

Density increases in identified areas -new development models- old typologies built with new technology persist, new materials / building methods begin to permeate.

Energy becomes the new primary generator of regulation and form response.

Rights to existing renewable sources may pose problems – as newer development affects existing solar, heat pump or wind arrays.



Facades may become more animated, or change, or alter condition / expression as technology responds to energy generation and conservation.

Existing building pose particular problems regarding visual alteration, as do buildings listed for conservation or preservation.

By 2020 and thereafter, the visual impact of Energy measures will be pronounced needs to be understood.





Zedbed in a suburb of London – zero energy housing by Bill Dunster

Different typology and planned form.

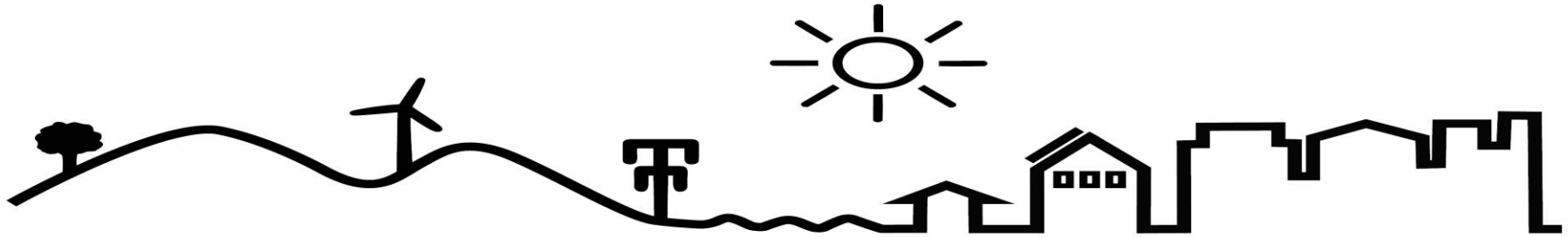
Visual expression articulates sustainable attitude.

Conservation / generation levels now the expected norm for all developments.



Disney Hall designed Frank Gehry –
- Heat and focus from a curved form

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