

Sustainable Energy Communities – an integrated approach

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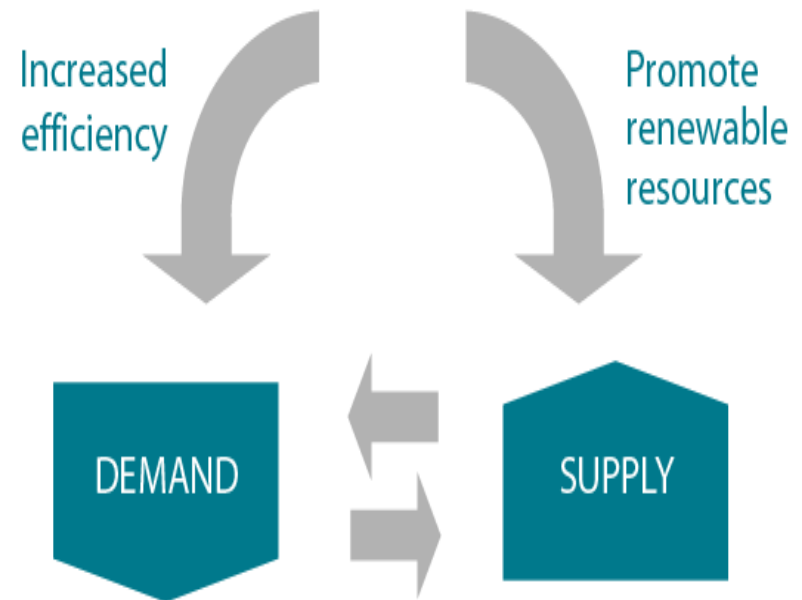
SEAI – Sustainable Energy Act 2002

Mission...

...To play a leading role in transforming Ireland into a society based on sustainable energy structures, technologies and practices.

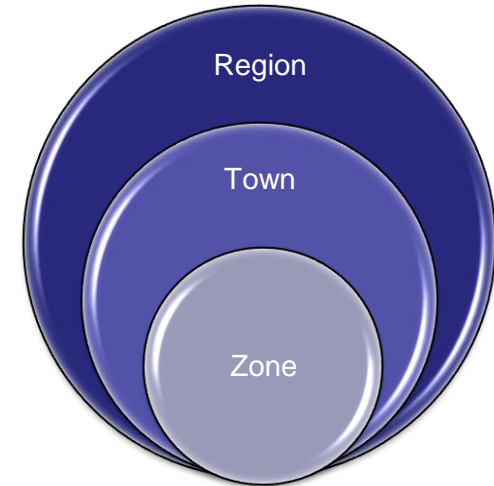
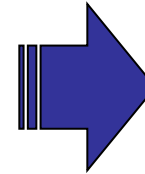
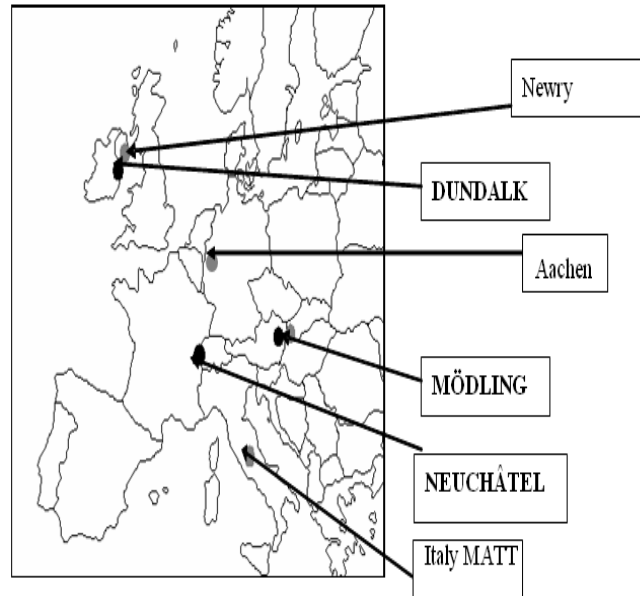
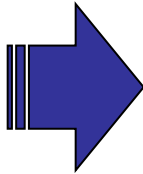
Objectives

- Energy efficiency
- Low carbon energy resources
- Innovation and Integration

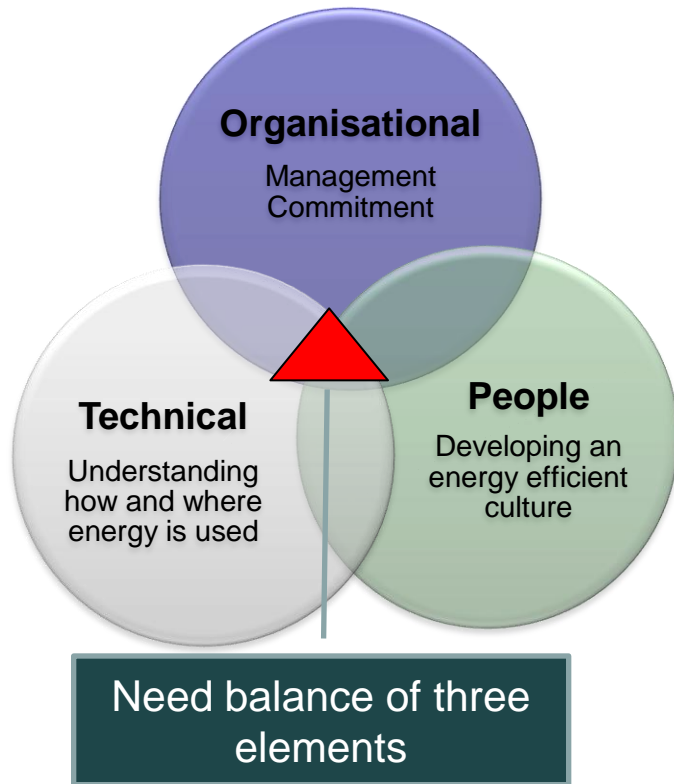


The Starting Point

The starting point...



Structured Energy Management



Collaboration

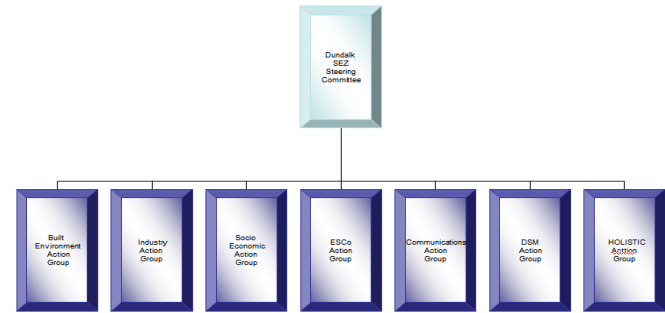


Structure

Replication



Commit



Identify

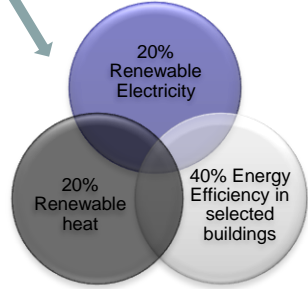
Summary of Dundalk 2020 Community Activities

Based on 2010 Data	Domestic Energy (MWh/yr)	Primary Energy (MWh/yr)	CO2 (t/yr)
Energy Use	105,661	191,126	45,491
Production	90	-26	-16
Total in 2010	105,751	188,850	45,507
Generation	87,400	1,510	170
PL office	8,000	13,827	187
CO2 offset	T.CO2/yr	118,715	26

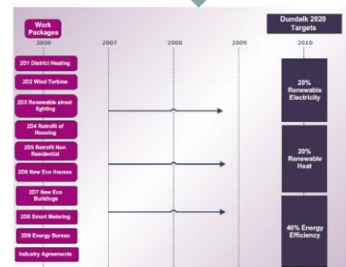
Review



Plan

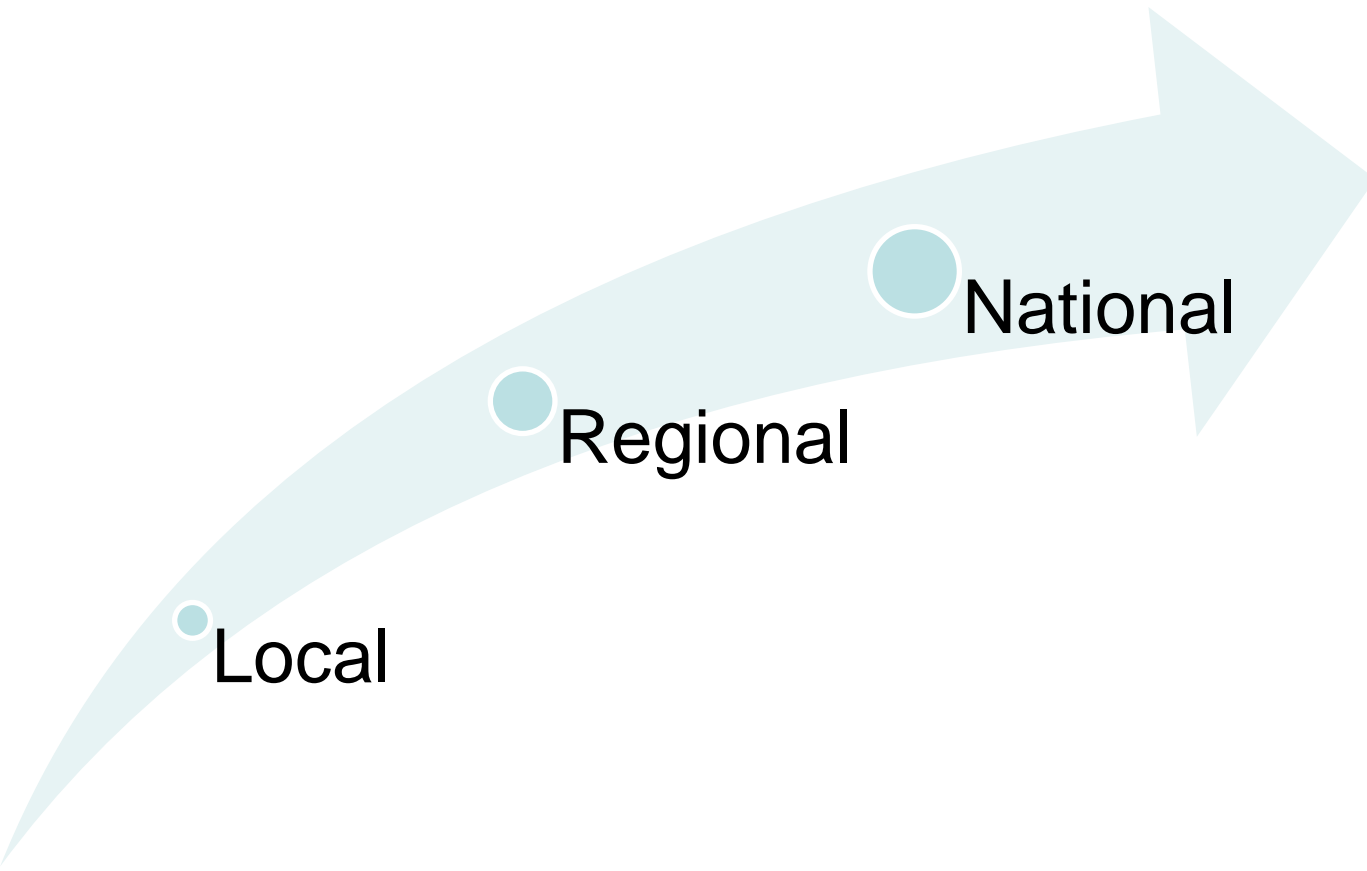


Take Action



The Sustainable Energy Communities Programme

Bottom-up, Top-down

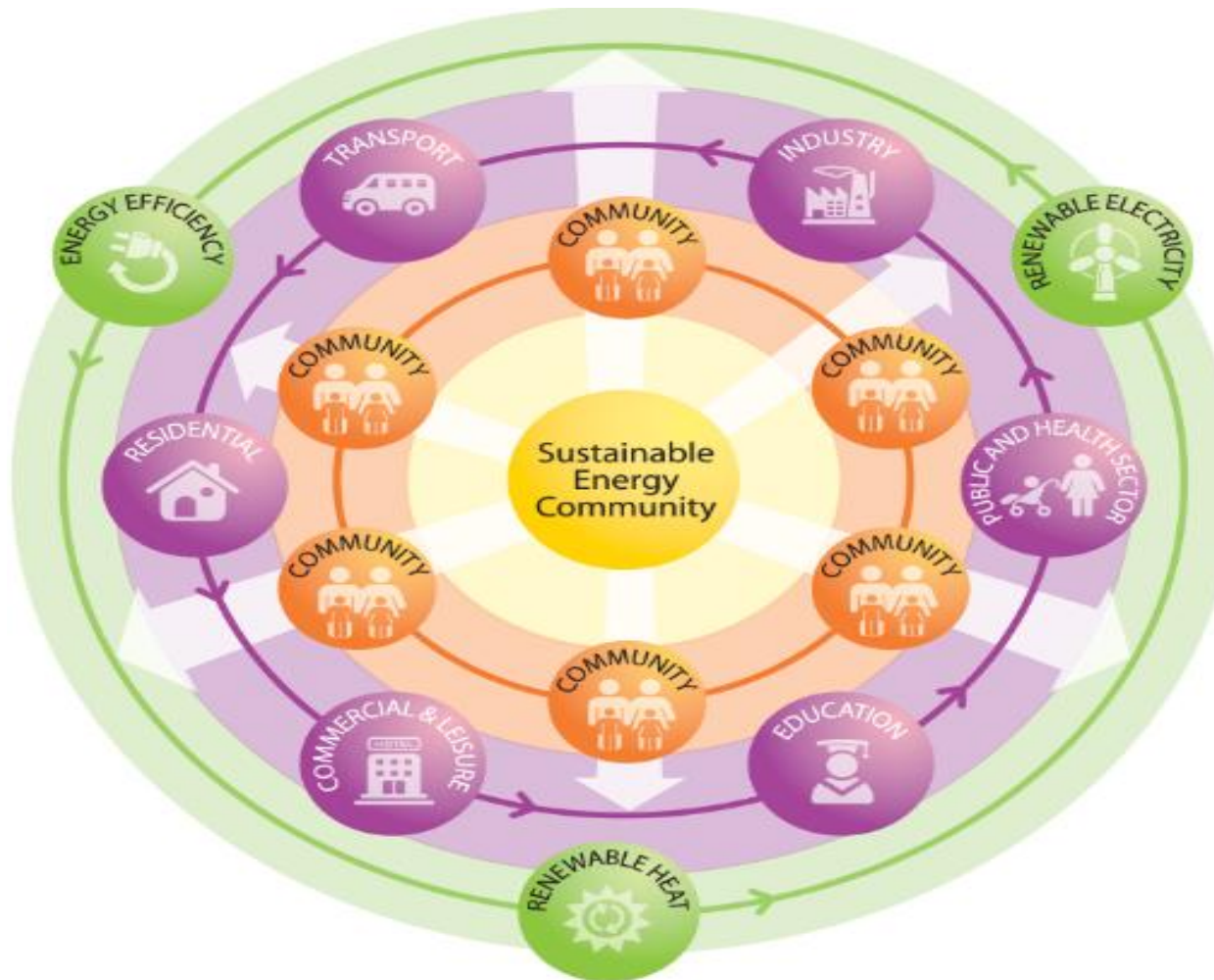


The Vision

... to stimulate a national move towards sustainable energy practice through demonstration of best practice in six exemplar communities by 2015, which in turn will inform and build capacity through the SEC Network

The Purpose

... The purpose of the programme is to be a catalyst on the ground to deliver national targets and a platform for wider debate and strategic influence at a national and European level...



SEC Support

There are three levels of support currently available through the SEC Programme:



Dundalk - the Living Laboratory



Dundalk - social, economic and environment achievements



Environmental

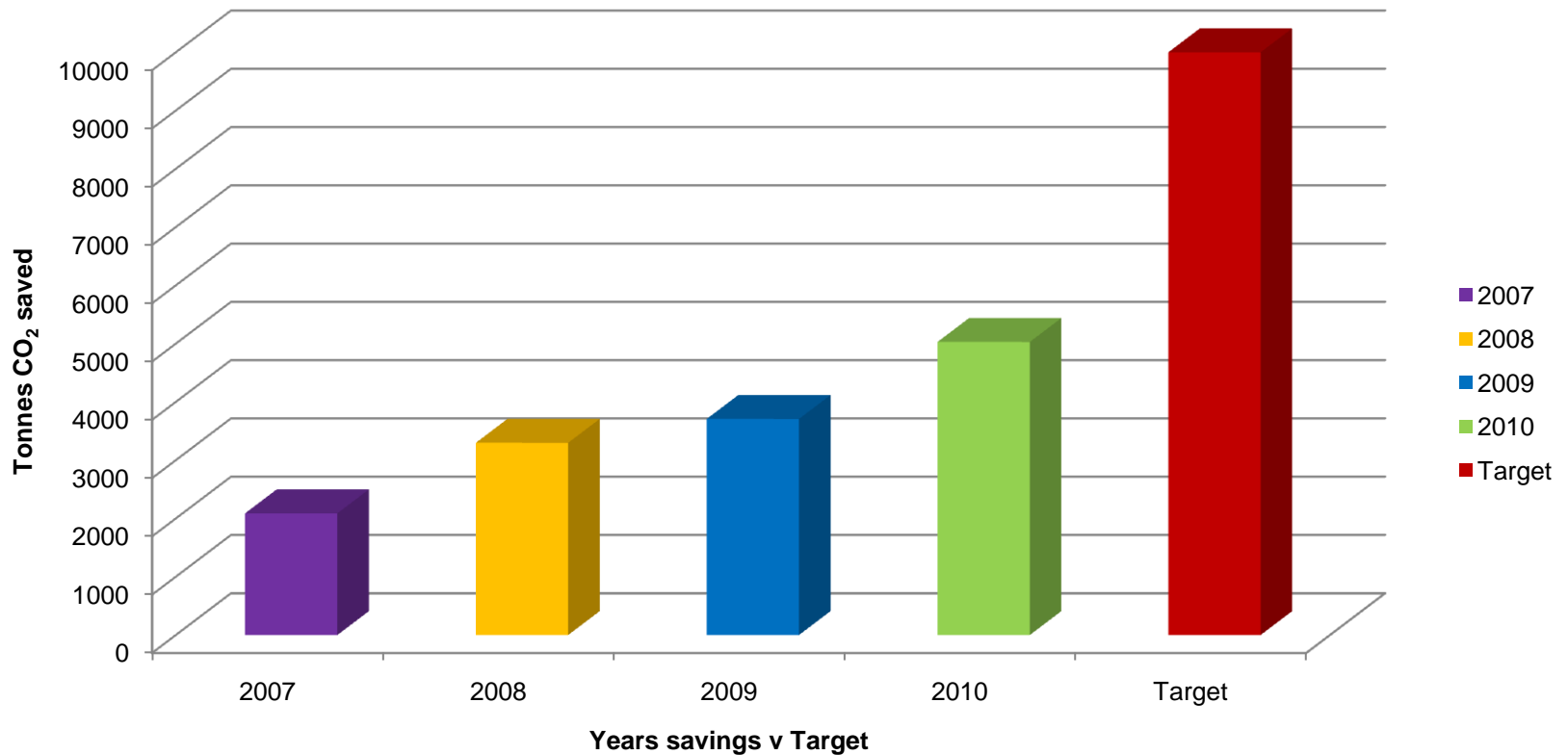


Social

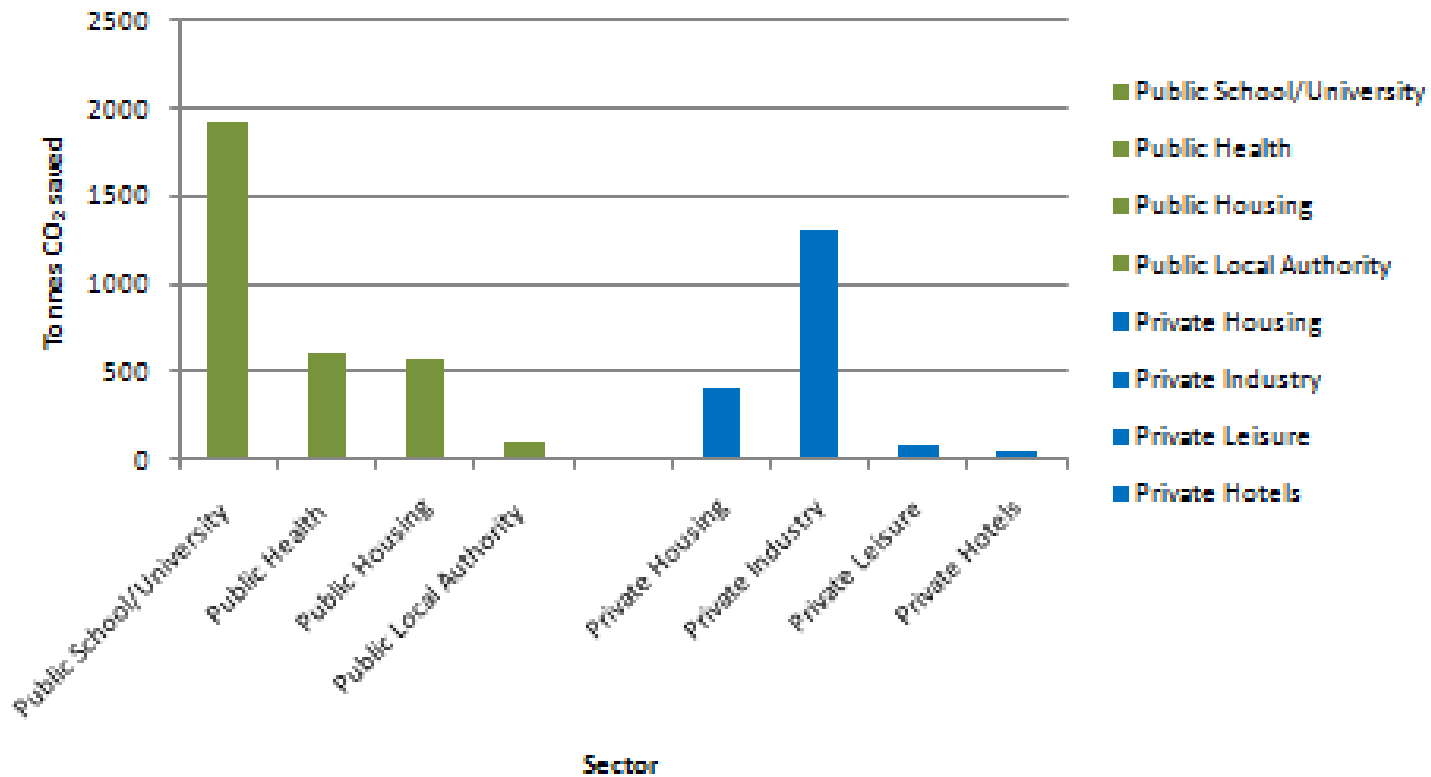
Economic



Annual CO₂ savings against target



Total CO2 savings per sector



The Innovation is the Integration

Thank you

www.seai.ie/sec



EUROPEAN REGIONAL
DEVELOPMENT FUND



Ireland's EU Structural Funds
Programmes 2007 - 2013

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and the European Union

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and the European Union.*