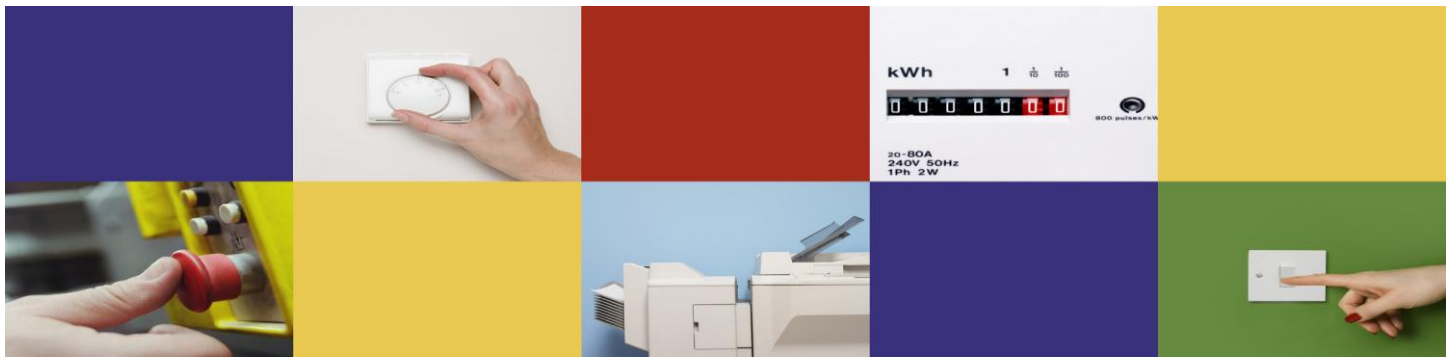




Energy Update

LOUTH COUNTY COUNCIL

Issue 2

INTRODUCTION

Welcome to Issue 2 of the Energy Newsletter. Since the last Issue lots of events have occurred and most importantly, lots of energy savings have been achieved. None of these savings or successful events would have been achievable without the support and buy-in from you, the staff of Louth County Council, so a big *Thank You* to you all. Let's keep energy at the forefront of all that we do here in Louth County Council.

NEWS

BETTER ENERGY COMMUNITIES (BEC) 2015

Louth County Council
For their Better Energy Communities 2015 project which involved 13 partners in the local community working together to deliver energy upgrades to a range of buildings including homes, Garda stations, golf clubs, football clubs, schools, credit unions and town halls. The annual energy savings are estimated at €260,000, which is equivalent to an 28% reduction in energy .



Comhairle Contae Lú
Louth County Council



In 2016 LCC once again acted as the lead applicant for a BEC Grant and successfully secured over **€1M** in grant aid for Energy Efficiency (EE) projects in the local community. Our combined efforts saw LCC nominated as a finalist in the Community Category of the [SEAI Sustainable Energy Awards](#). The 2017 BEC Application has been submitted to SEAI with 11 organisations involved across a number of sectors. SEAI will offer €30 million in grant supports for community energy projects in 2017, which represents an increase of 50% in funding from 2016 grant levels.



ENERGY AWARENESS DAYS 2016



In February 2016 Energy Awareness days were held in County Hall Canteen and Dundalk Town Hall and proved to be extremely positive and lively when Eastern Electrical came in to demonstrate some of the smart, wifi-enabled heating and energy efficient lighting solutions available to those who want to save the planet or simply save their money. Energy efficient indoor and outdoor lighting was on display, along with many other Smart technology products. Eastern Electrical have now reported that as a result of the awareness day, there was a saving of 4,134.5w from the goods that were supplied, and based on an estimated running average run time of four hours a day, this would amount to a combined annual energy saving of over 6000 kWhs, an annual reduction in Carbon footprint of 3.1 tonnes and an annual financial saving to staff of €1,200.

As part of EU Sustainable Energy Week (EUSEW) 2016, LCC hosted Energy Awareness events in the Town Hall, Dundalk. Thanks to all the staff, public representatives and members of the public who got involved in the 'Watt Challenge' & 'Watts It All About'. For more on [EUSEW 2017](#).

Disclaimer: The energy saving efforts of this company are supported by Sustainable Energy Ireland. SEI, while providing this template design only, is not responsible for the information presented in this poster.

In September 2016 LCC promoted and participated in EU Car Free Day, with staff availing of the Council owned bicycles and the new E-Bike. It is hoped to build on the success of this in 2017. These bicycles are available to all staff to avail off throughout the year.

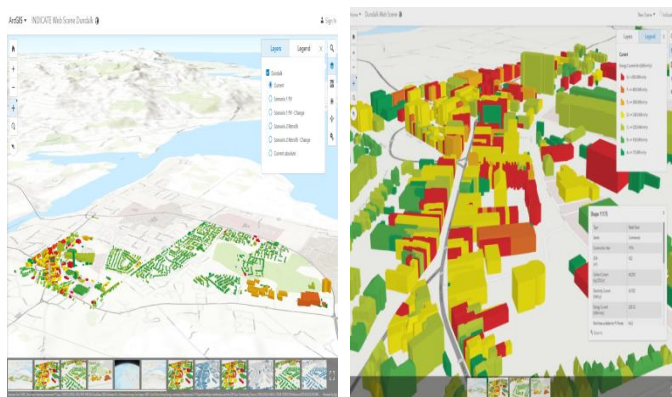
Well done to all those who took part in these events, with events promised for Drogheda in 2017.

OPTIMISING POWER @ WORK

Optimising Power @ Work is the OPW's state-wide staff energy awareness campaign.

The overall aim is an ambitious one, to help accelerate reduction of energy use, thereby cutting energy bills and helping in the delivery of the 33% energy reduction target for Ireland's Public Sector buildings. Louth County Council is an active participant in the scheme.

INDICATE/SMART CITIES PROJECT



The INDICATE Project came to a close in Q4 2016 after three years. It was a successful collaboration of partners across Europe in both the public/private sector and led to the development of a 3D interactive software tool whereby energy saving measures can be introduced within the planning process. A final dissemination event was conducted in Dundalk County Museum in November 2016 with a fantastic representation of local architects, planners, engineers, energy users and public representatives all in attendance.



See links below for more detailed information.

[INDICATE Walkthrough](#)

[indicate-smartcities](#)

COMHAIRLE CONTAE LÚ/LOUTH COUNTY COUNCIL

ENERGY CONSUMPTION 2015

Louth County Council is required to report annually on its energy consumption under 'Energy Efficiency' Regulations (S.I. 426 of 2014). Across LCC's functions in 2015, Total Final Consumption (TFC) was:

• Electricity	9,208,000 kWh
• Gas	6,653,000 kWh
• Transport fuels	2,464,000 kWh
• Total	18,325,000 kWh

This equates to a primary energy requirement for 2015 of 29,300,000 kWh, a reduction of over 7% on 2014 with 878 tonnes of carbon emissions negated.

The Government has set the Public Sector a **33%** EE improvement target by 2020. LCC is currently performing well, with **savings to date of 33.8%**.

For more information on Public Sector EE Performance and to see how LCC is performing under the National Energy Efficiency Action Plan (NEEAP), see links below:

[Annual Report 2016 on PS EE Performance](#)

[NEEAP Ireland](#)

MOTORING TIPS



- Even if you only have to wait 30 seconds, it is more economical to switch the engine off and start it again when necessary.
- A less aggressive, energy conscious driving style could reduce your fuel consumption by 10% and reduce harmful emissions by 30-40%.
- Tyres 0.5 bar below manufacturers recommended pressure increase wear and fuel consumption by 2-3%.
- At bends, reducing speed gently and in time and accelerating smoothly when you are halfway through will reduce excessive fuel consumption.
- Lower speeds are safer, but driving at high speed (over 80km/h and especially over 100km/h) also uses more fuel and causes more pollution.
- A cold engine uses significantly more fuel than a warm engine – try avoiding using your car for very short journeys.
- The rear window demister being on uses 3-5% more fuel. Remember to switch it off when the window is clear.

ENERGY SAVINGS AROUND THE HOME

By saving energy around the home, you'll also save money and reduce associated greenhouse gas emissions. However, also check to see if you're on the best available tariff, with potential SAVINGS of €100s. See the cost comparison sites below.

[bonkers](#) [switcher](#)

What you'll need:

- The name of your current supplier.
- The name of your current tariff, usually found on your bill.
- The amount of energy you use.
- How you currently pay, and would like to pay with a new supplier
- Dual fuel, paperless billing & direct debit may offer the best value



ISO 50001:2011 – ENERGY MANAGEMENT SYSTEM

ISO 50001 is based on the management system model of continual improvement. This makes it easier for organisations to integrate energy management into their overall efforts to improve quality and environmental management. Louth County Council's Energy Office is working towards attaining this standard in 2017.

CARLINGFORD LOUGH GREENWAY

€3.6m worth of EU Interreg VA funding has been offered for the development of the 'Carlingford Lough Greenway'. This project is a Cross Border project involving Louth County Council, Newry, Mourne and Down District Council and East Border Region Ltd. The project will consist of 2 phases: Phase 1 will create 10.1 km of new cross border greenway, linking Newry City in NI to Carlingford Village in Ireland; Phase 2 will create and implement a promotional marketing campaign to raise awareness of the benefits of walking and cycling for regular everyday commuters. The new Greenway will join two sections of Greenway; one from Carlingford Marina to Omeath village completed in 2013 and the other from Albert Basin Newry to the Weir, which is presently under construction. The end result is a total length for the Carlingford Lough Greenway of 19.7 km.



Special EU Programmes Body
Foras Um Chláir Speisialta An AE
Boord O Owre Ocht UE Projects



Comhairle Ceantair
an Iúir, Mhúrn
agus an Dúin
Newry, Mourne
and Down
District Council



Comhairle Contae Lú
Louth County Council

ENERGY SAVINGS AT LOUTH COUNTY COUNCIL

It was timely, during EU Sustainable Energy week, that Louth County Council's Corporate Buildings and Facilities Management Service and the Sustainable Energy Office combined their efforts to fit new LED lighting in the Council's Car Park outside Millennium Hall, Dundalk.

The New 35-Watt LED light bulb replaces the original 100-Watt Son bulbs, reducing energy usage by 65% and saving around €1,600 a year in electricity usage.

In addition, this will help Louth County Council achieve its nationally set 2020 Energy and Emissions targets (to reduce energy consumption by 33% by 2020) by providing energy savings of over 8,300kWh per annum and a reduction in the Councils carbon footprint by 4.3 tonnes each year. Plans are in place to roll out similar energy saving projects across our Council buildings.

QUIZ (WIN WIN WIN)

As average global temperature rises?

- a) Average precipitation increases
- b) Average precipitation is unchanged
- c) Average precipitation decreases

Answers to energy@louthcoco.ie (please use 'Energy Quiz' in the subject field). Good Luck!

We welcome your suggestions. If you have ideas for potential energy savings please email: energy@louthcoco.ie