

Everybody in Clare & Limerick should reduce their CO₂ emissions by 4.7 tonnes over the next 5 years.

MORE INFORMATION ON: -

Energy Events

Energy Solutions

Energy Management

Fuel Poverty

Greener Homes Scheme

Limerick Clare Energy & Emissions Balance

Limerick Clare Climate Change Strategy

Building Energy Efficiency

Building Energy Rating

Transport Energy

Renewable Energy

Top 10 tips of things you can do

and much more.....

Can be found on the energy agencies web site: -

www.lcea.ie



The Limerick Clare Energy Agency is grateful for the support of its investors and sponsors: -

Limerick County Council



Clare County Council



Rural Resource Developments Ltd.



Ballyhoura Development Ltd.



West Limerick Resources Ltd.



University of Limerick



Thank you for taking the time to read this leaflet.

Limerick Clare Energy Agency

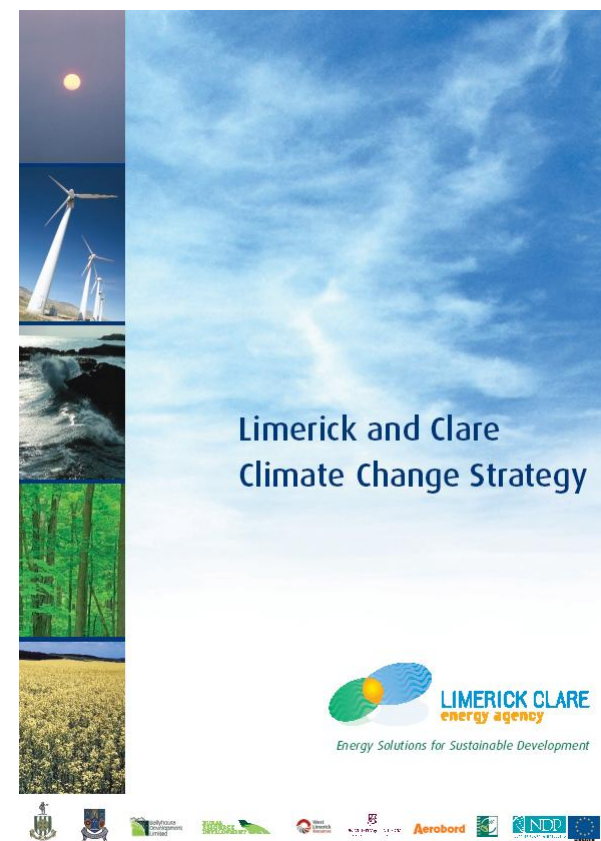
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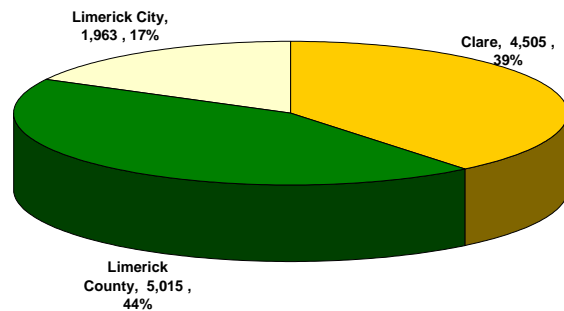
HOW MUCH ENERGY DO WE USE

& WHERE DOES IT ALL GO!

The table and chart below shows that our energy needs in Clare and Limerick are set to double from 1990 levels to 2010. This is not necessarily a bad thing, as it indicates a society and economy that's growing. However we must be careful that our use of energy is sustainable, or our economic growth will be unsustainable.

Year/ GWh	Clare County	Limerick County	Limerick City	Total Area
1990	2,256	2,713	1,105	6,074
2004	3,806	4,474	1,665	9,946
2010	4,505	5,015	1,963	11,483

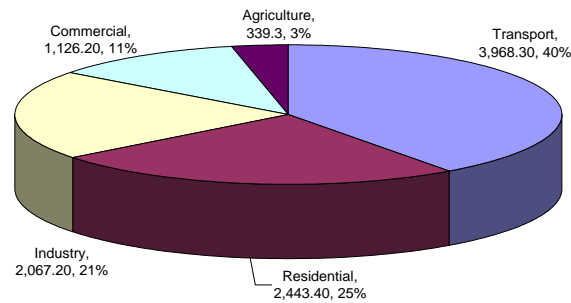
Energy by County - GWh



As you might expect most of the energy is used in Limerick. The ratio is approximately 60:40.

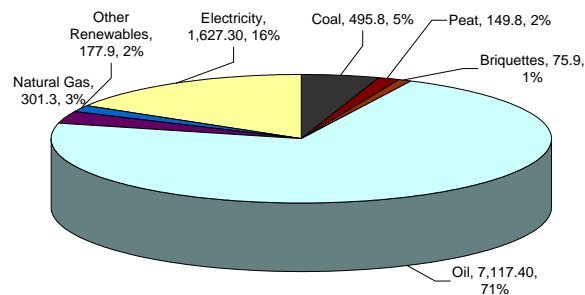
Please note that these figures do not include the large energy users / producers in both counties that have separate negotiated carbon agreements with the Environmental Protection Agency (EPA)

Energy by Use - GWh



This chart tells us that the people who are using the energy are you and me! In our homes (25%) and the transport (40%) we use. If we want to make a difference we have to start doing things differently.

Energy by Type - GWh



This chart shows us that we are heavily dependant upon imported oil. Indeed the majority of our electricity is generated from imported coal also. **As a country and region we are 90% dependant on imported energy for our needs!**

If we want to grow our economy and support our society without damaging our environment, we must: -

Reduce our use of fossil fuels

Increase our renewable energy resources

RENEWABLE ENERGY

Local Agenda 21 asks us to: -

“Think Globally & Act Locally”

Renewable energy is available to use in great quantities in Clare & Limerick. Using these renewable resources secures our economic growth and protects the environment.

A good example of this is the **Clare Wood Energy Project**. The wood chip provided by this project will displace thousands of tonnes of CO₂ emissions associated with oil & gas heating, and the local economy will benefit considerably as the CWEP has shown that 80% of the revenue generated using the cheaper wood chip is retained in the local economy. The reverse of this is true of fossil fuels.

There has never been a better time to consider using renewable energy in our homes and vehicles.

The “Greener Homes Scheme” will provide about 25% of the cost of installing solar, wood boilers and geothermal heat pumps. But before embarking on any projects, give a lot of thought to the insulation in your home.

Renewable energy systems also need to be installed correctly, and it is important to hire somebody that has received the correct training. The Renewable Heat Skills network provides good contacts for such trades people.

When buying that new car, give careful consideration to the energy & emissions. Aim for a car that produces 130 grams of CO₂ / km or less, and consider Biofuels or hybrid.