

THE SUSTAINABLE SOLUTION



Sustainable forests are grown



Timber is harvested and chipped



Olympus Life Science Research Europa, Tuilla



Áras Contae an Chláir, Ennis



Clare is leading in production—so what are you waiting for?

...in addition,

Clare Boiler Installations

Wood chip boilers are already installed in Clare County Council HQ, Olympus GMBH, Cahercalla Community Hospital and Torpey Wood Products. Further installations are in the pipeline for 2008. These wood heat systems are extremely reliable, technically robust and easy to maintain.

Being fully controllable and entirely automatic, using programmable timers and zone thermostats, they can be incorporated into building energy management systems.

Proposed national exemptions for renewable technology will remove the requirement for planning permission in many cases.

Local Wood Chip Supply Chain

A local wood chip supply chain is already up and running in Clare. Timber harvesting, chipping, storage and fuel delivery infrastructure is in place to service the local energy market. A new wood fuel market involving a number of fuel suppliers has developed which offers the customer a real choice and a competitive price.

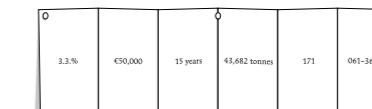
Quality control mechanisms are in place to ensure that this new energy source meets the required standards on a consistent basis.

is it for you?

Wood chip heating systems are particularly suitable for large heat users such as hospitals, leisure centres, schools, hotels, retail, industrial and commercial sites. This could include residential applications where homes are connected to a single wood chip boiler via a heat network (district heating).

They are suitable for new build projects or can be plumbed directly into existing wet heat systems in retro-fit installations. They can be operated as independent stand alone boilers or can be installed in parallel with fossil boilers to operate as the lead boiler.

If energy price and security is your concern, consider which is the greater risk—oil and gas from unstable regions of the world or a locally available abundant resource supplied in a competitive market?



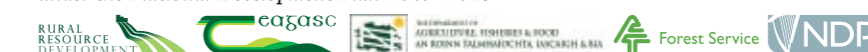
Pin it up.

Who can help you?

The County Clare Wood Energy Project was established in 2005 by Rural Resource Development and Teagasc with the support of local and national organisations. Its aim is to develop a robust, competitive and sustainable wood energy market in Clare. The CCWEP offers free and impartial advice to potential boiler customers and wood fuel suppliers.

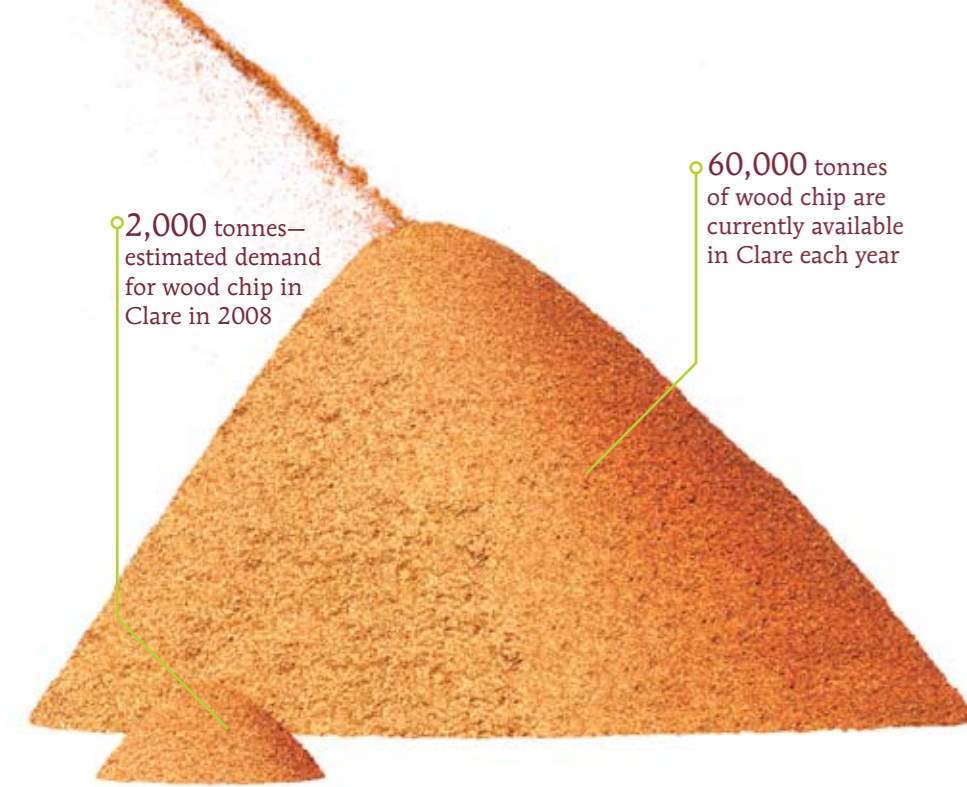
We are available to assist you, simply contact us: call 061-361144, email info@ccwep.ie or visit www.ccwep.ie

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Design: www.OpticNerve.ie

Wood Energy means business Here are some real numbers you can't avoid

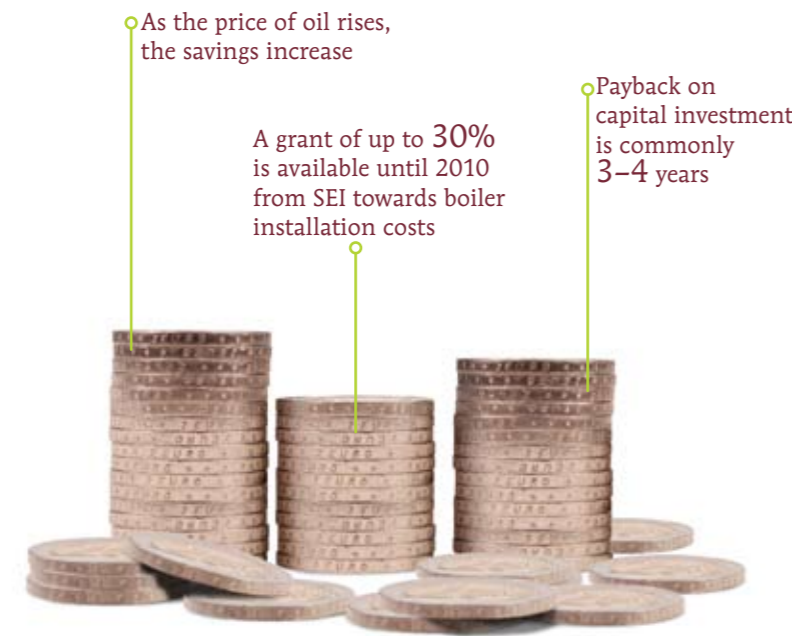


3.3%

The percentage of annually available wood chip being used by existing wood chip customers in Clare.

By 2020 there will be 70,000 tonnes of wood chip available per annum in Clare, not taking future additional planting into account. If your question is—will there be enough wood chip in Clare to supply our future needs? The answer is yes.

Source: 'A Study of the County Clare Farm Forestry Market' (December 2004)

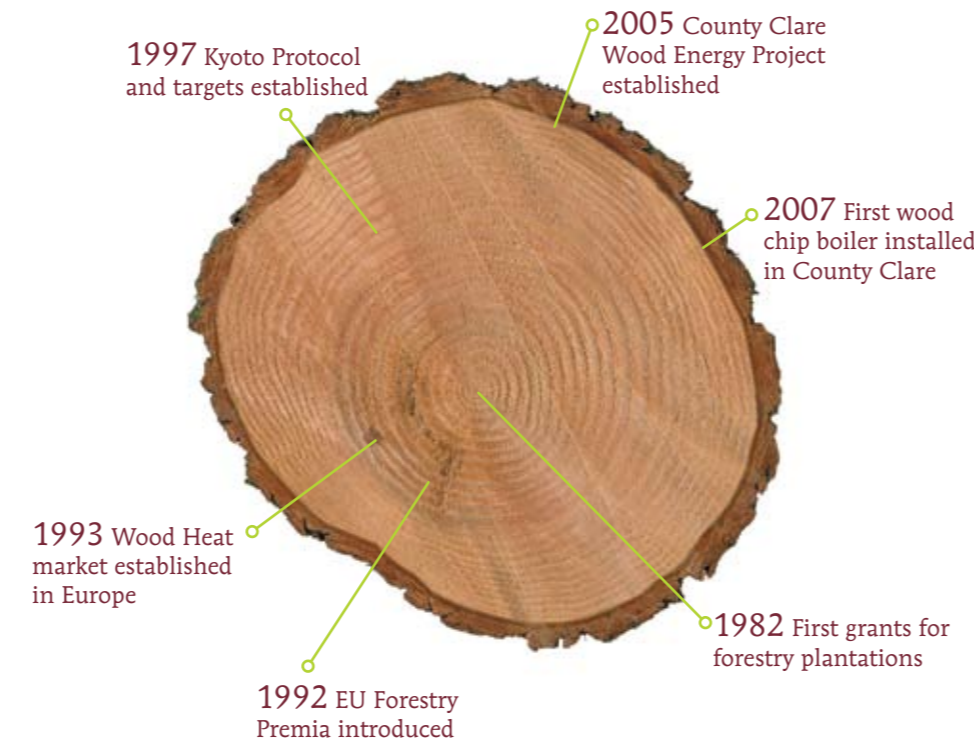


€50,000

The average annual saving on a €100,000 heating bill, using wood chip instead of oil. On average, wood chip fuel is 50% of the price of heating oil.

Savings can be significant for large heat users in the commercial, industrial and public sectors. Wood chip heating is by far the cheapest renewable energy technology to install per Kilowatt.

Source: Based on current market prices, 2008



15 years

The length of time the wood energy sector has been established in continental Europe. Clare has been building its forestry industry since the early 1980s.

County Clare is now leading the way in Ireland in developing the wood energy market.



43,682 tonnes

The CO<sub>2</sub> savings per annum by 2020 in Clare from using wood chip, based on the 95MW government target—an annual carbon levy saving conservatively estimated at €1.53m.

Reducing our carbon footprint is becoming an important strategic goal for the commercial, industrial and public sectors. Wood fuel heating emits the least CO<sub>2</sub> per unit of energy supplied of any energy technology.

Source: Limerick Clare Energy Agency



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The number of local people who could be sustainably employed in the wood energy sector by 2020.

Local jobs, based on our own natural resources, give us a more self-sufficient local economy. The total contribution of wood energy to the Clare economy by 2020 is estimated at €9.8m per annum, if we meet the 95MW government target.

Source: WDC, Economic Impact Report, 2007



061-361144

The number you should dial for more information, or visit our website [www.ccwep.ie](http://www.ccwep.ie)

We can give you support and advice on assessing the suitability of your building for wood chip heating, who can install the system, who are the local suppliers of wood chip, who can provide a maintenance service—plus we can help you with any other questions you may have.