

# Heating Upgrade

## Old County Hall

Old County Hall was built in the 1800's and was equipped with two over 100 years old oil burning boilers. These are resulted in a large oil demand for heating at their building. However, after successfully replacing their two oil boilers, the benefits and cost savings were clear. The 3 Counties Energy Agency (3CEA) through the Sustainable Energy Authority of Ireland's Better Energy Communities programme is helping by administering state-wide funding for energy efficiency and renewable energy projects.

## Summary

<b>Company name:</b>	<b>Wexford County Council</b>
<b>Project actions:</b>	Replacing two old oil boilers with two natural gas high efficiencies condensing boilers
<b>Finance source:</b>	Internal
<b>Additional funding:</b>	SEAI BEC 2018 programme
<b>% funding:</b>	30%
<b>Grant amount:</b>	€ 19,220
<b>Total project cost:</b>	€ 64,066
<b>25-year savings:</b>	€ 214,048
<b>Simple payback time:</b>	5.2 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO <sub>2</sub> (tonnes)
<b>Imports Before project</b>	<b>610,140 kWh</b>	<b>€ 15,863.64</b>	<b>125.1 tonnes</b>
<b>Imports After project</b>	<b>280,835 kWh</b>	<b>€ 7,301.71</b>	<b>57.6 tonnes</b>
<b>Savings</b>	<b>329,305 kWh</b>	<b>€ 8,561.93</b>	<b>67.5 tonnes</b>

## Benefits

Thanks to the heating upgrades, Wexford County Council saved money and reduced its carbon footprint through the BEC 2018 Programme.

The heating upgrades have helped increase the thermal comfort of the building for its users and reduced the number of hours the heating is required.

. 3CEA are working hard to develop another award-winning project involving SMEs, local community groups, local authorities and homeowners. For more information on BEC please contact 3CEA office.