

BEST PRACTICES AND SOLUTIONS FOR ENERGY TRANSITION	
TYPE OF BEST PRACTICE:	FINANCING MECHANISMS
<b>TITLE:</b>	Achieving carbon neutrality in Waterford Council (Ireland).
<b>Keywords:</b> <i>Please select from dropdown lists (cells B5-B9), up to 5 representative keywords that best describe the features of the best practice.</i>	Public lighting Innovative financing Energy Efficiency in buildings Renewable energy
<b>Country:</b> <i>Please select from dropdown list (cell B10), the country where the best practice was implemented. If in more than one countries, select "multiple countries" and describe in cell B11.</i>	Ireland
<b>Region / Municipality / location:</b> <i>Please provide further details on the territory where the best practice was implemented, as applicable (e.g. Region and/or Municipality and/or location of individual building).</i>	Waterford City and County
<b>Short description:</b> <i>(Up to 150 characters)</i>	The council has invested in a €9 million project to replace around 15,000 public lights with energy-efficient LED lights, leading to significant energy savings.
<b>Long description:</b> <i>(Up to 1000 characters)</i>  <i>Describe a best practice in the field of <b>Financing mechanisms</b> [e.g. existing/ innovative financing mechanisms that could be used by public authorities to fund projects accelerating energy transition; case studies of successful deployment of such mechanisms in implemented projects].</i>	The council has invested in a €9 million project to replace around 15,000 public lights with energy-efficient LED lights, leading to significant energy savings. Additionally, the council aims to make all of its buildings carbon neutral by 2025 and has implemented various measures, such as upgrading building insulation, installing new heating systems, and developing solar PV projects. It is expected that work will commence later in 2022 and be complete by Qtr 2 2023. When implemented the project will lead to over 55% savings in energy use and GHG emissions arising from our public lights and will also provide much greater system reliability while reducing maintenance costs.
<b>Project full title / acronym:</b> <i>The title of the Best Practice is inserted in cell B4. Please only fill in this field (cell B19) if the Best Practice was implemented as part of a "Project". The "Project" can be an EU project or a local / national initiative, a private initiative etc.</i>	Energy Efficient Public Lighting
<b>Funding Programme:</b> <i>(If applicable)</i>	National
<b>Project website:</b> <i>(If applicable)</i>	<a href="https://waterfordcouncil.ie/departments/environment/carbon-neutral-waterford/strategy.htm">https://waterfordcouncil.ie/departments/environment/carbon-neutral-waterford/strategy.htm</a>
<b>Relevant images:</b> <i>Photos, project logo etc.</i>	<a href="https://waterfordcouncil.ie/images/carbon-neutral/PL%20LED%20lamp.jpg">https://waterfordcouncil.ie/images/carbon-neutral/PL%20LED%20lamp.jpg</a>
<b>Progress status - Start date:</b> <b>End date:</b> <i>If relevant, please include any further information as regards progress of the case study.</i>	Nov.2022 Ongoing
<b>Key benefits / outcomes:</b> <i>Describe key benefits - key outputs from this best practice. Where available and relevant, use users' testimonies.</i>	Energy savings. Energy-efficient LED lights.
<b>References:</b> <i>Provide relevant links or documentation (reports / photos / videos etc.) that relate to the described case study (Note: please only provide where it is acceptable)</i>	<a href="https://waterfordcouncil.ie/departments/environment/carbon-neutral-waterford/strategy.htm">https://waterfordcouncil.ie/departments/environment/carbon-neutral-waterford/strategy.htm</a>