

## **Executive Summary**

## Part 8 Planning - Ballinasloe Leisure Centre - Energy Efficiency Upgrade works

## A Chara,

The Facilities Section, Corporate Services in conjunction with our Climate Action team have been progressing an energy efficiency upgrade project for the Ballinasloe Leisure Centre (Eircode: H53 K718) site. The publication of a Part 8 Planning Notice will be published in the Connacht Tribune on Friday 18<sup>th</sup> July 2025.

Currently the site operates fossil fuels (Natural Gas) to provide heating and hot water production for the facility. However, due to the established threat of climate change brought by the increase of carbon dioxide linked to the burning of fossil fuels, key stakeholders of the facility wish to largely decarbonize the water heating and space heating by changing to a more renewable and cleaner form of energy production in the form of air-sourced heat pumps. As the site is also a public building, this site decarbonization will help towards the local government goals of meeting their own climate related obligations.

Further to the above, the project to date has been guided under the SEAI EXEED (Excellence in Energy Efficiency Design) programme. The project at the Ballinasloe Leisure Centre will be co-funded by the ESB and SEAI - EXEED Programme.

The external work for low temperature hot water will broadly include the following elements.

- Creating a secured compound for the mechanical plant beside the existing plant rooms to the rear of the building (North side of structure).
- Installing Air Sourced Heat Pumps
- Installing 1 No. Thermal Store (Hot water storage) to allow for low temperature hot water storage.
- Installing ancillary mechanical equipment for the transportation of water.

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