



Comhairle Contae  
Átha Cliath Theas

South Dublin  
County Council

# Part 8 Reports for Decarbonising and Energy Efficiency Works

Meeting of South Dublin County Council  
14<sup>th</sup> September 2026

# Overview

Presentation of the Chief Executive Report for the following Part 8 Proposals:

- Installation of rooftop solar PV at South Dublin County Council, County Hall and Library, Tallaght, Dublin 24, D24 X0WP
- Installation of a heat pump system at Civic Theatre, Parthalán Place, Belgard Rd, Tallaght, Dublin D24NWN7
- Installation of a heat pump system at Rua Red, Tallaght, Dublin D24KV8N.
- Installation of a heat pump system at Clondalkin Civic Centre, Ninth Lock Rd, Clondalkin Dublin 22, D22E9X5.
- Installation of rooftop solar PV and heat pump system at Tallaght Leisure Centre, Fortunestown Way, Tallaght, Dublin 24, D24KX38.
- Installation of rooftop solar PV and heat pump system at Clondalkin Leisure Centre, Nangor Road, Clondalkin, Dublin 22, D22E282.



## Driven by Climate Objectives:

Achieve a 51% reduction in SDCC's Greenhouse Gas emissions by 2030.

Achieve a 50% improvement in energy efficiency.

# Installation of rooftop solar PV at South Dublin County Council, County Hall and Library

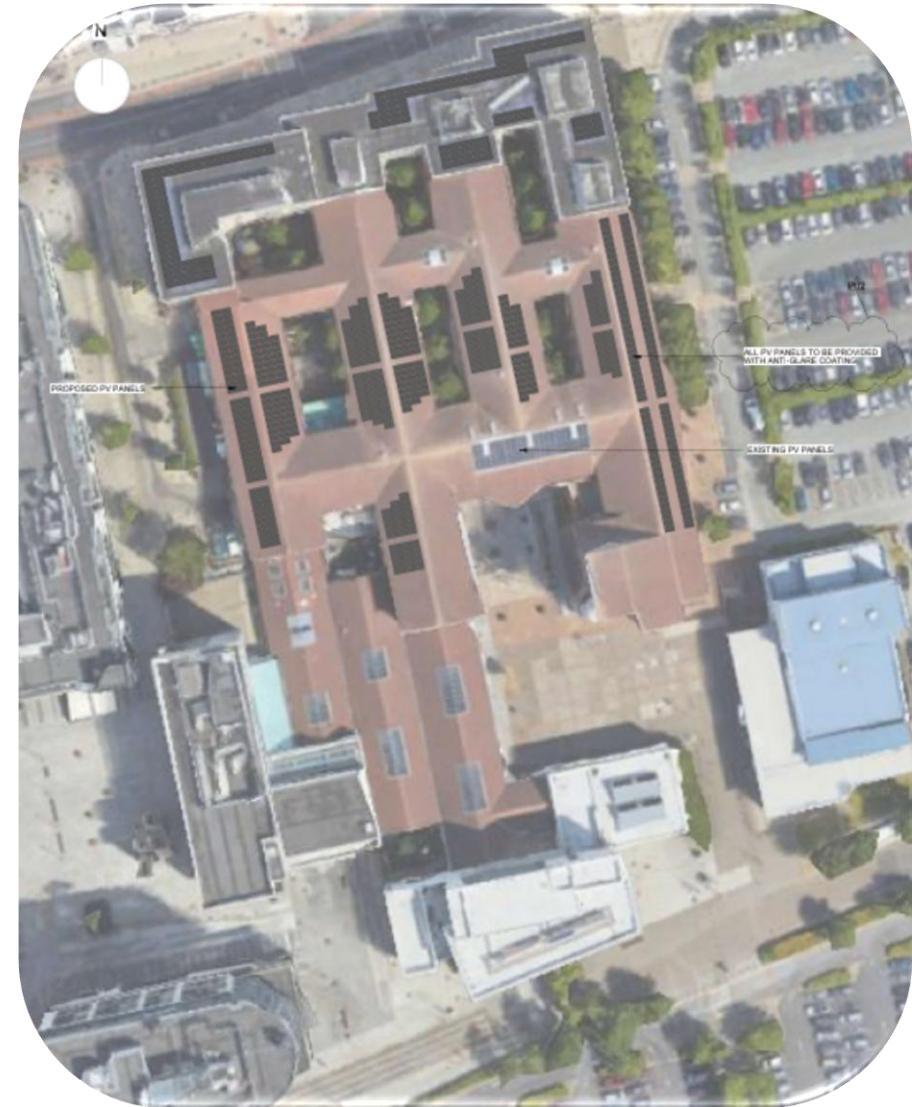
SDCC

## Works to achieve decarbonisation and energy efficiency improvements:

- Solar PV Array: approximate area of 1,597m<sup>2</sup> of solar panels are proposed, with associated site works.
- Glint and Glare Assessment undertaken.

## Overall plan for this building to achieve:

- 42% carbon emissions reduction.
- Energy usage savings in the region of 31%



# Installation of a heat pump system at Civic Theatre, Tallaght

SDCC



## Works to achieve decarbonisation and energy efficiency improvements:

- Installation of a heat pump system, comprising of 2 No. 27kW Air Source Heat Pumps to be located on the split level roof, with associated site works.
- Installation of a 2.4m high acoustic louvre screen around the two open sides of the compound area on the split level roof.
- Creation of an access point to the split level roof from the existing plantroom.
- Noise Impact Assessment undertaken.

## Overall plan for this building to achieve:

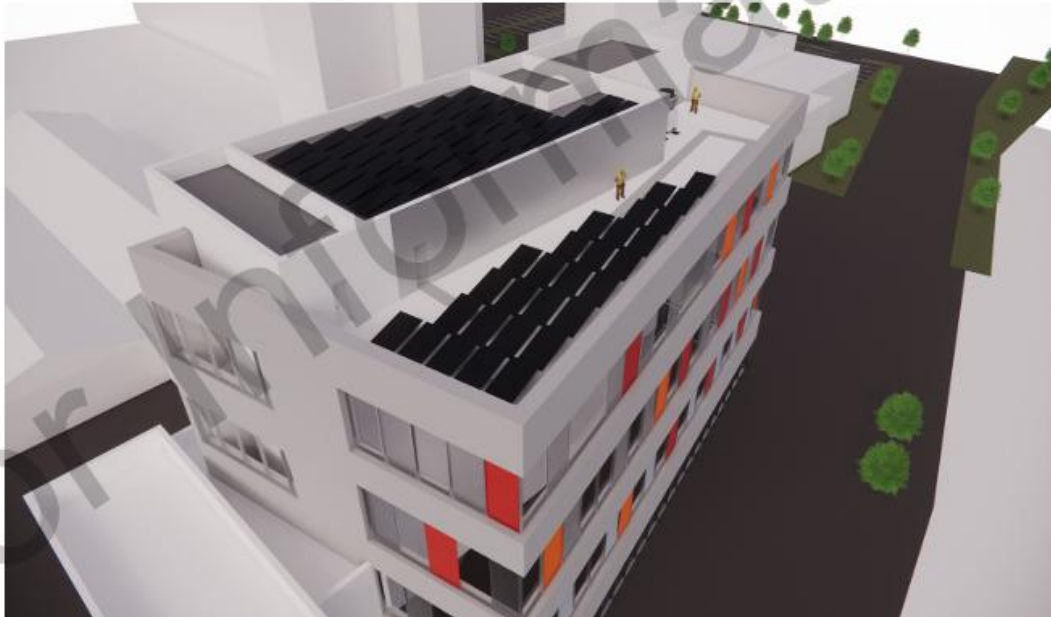
- 58% carbon emissions reduction.
- Energy usage savings in the region of 63%

# Installation of a heat pump system at Rua Red, Tallaght

SDCC



Heat Pump Location - View 01



## Works to achieve decarbonisation and energy efficiency improvements:

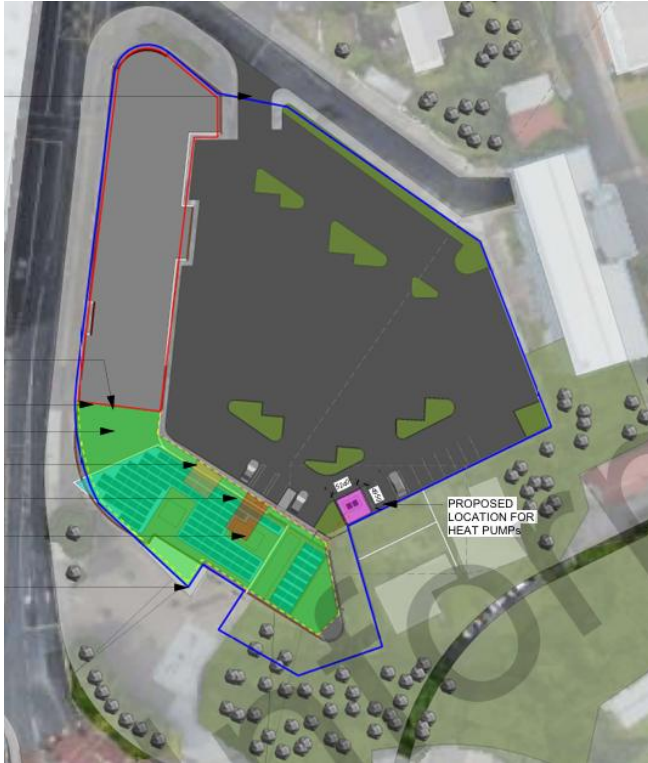
- The installation of a heat pump system comprising of 2 No 27kW Air Source Heat Pumps, to be located on the roof of the building, with associated site works.
- Noise Impact Assessment undertaken.

## Overall plan for this building to achieve:

- 57% annual carbon reduction.
- Energy usage savings in the region of 61%.

# Installation of a heat pump system at Clondalkin Civic Centre, Ninth Lock Rd, Clondalkin

SDCC



## Works to achieve decarbonisation and energy efficiency improvements:

- The installation of a heat pump system on the roof of the building.
- 2 No Heat Pumps.
- Noise Impact Assessment undertaken.

## Overall plan for this building to achieve:

- 48% annual carbon reduction.
- Energy usage savings in the region of 53%.

# Installation of rooftop solar PV and heat pump system at Tallaght Leisure Centre

SDCC



## Works to achieve decarbonisation and energy efficiency improvements:

- Installation of a rooftop solar PV array with an estimated area of 496m<sup>2</sup>, with associated site works.
- Installation of a heat pump system, comprising of 3 No. 90kW Air Source Heat Pumps, in the car park area with associated site works.
- The heat pump system will be surrounded on three sides by a 2.4m high acoustic barrier and on the remaining side by a 2.4m fence. The dimension of the fenced area is 16.73 m x 5.47m.
- The removal of 4 No. trees to facilitate the heat pump system.
- Glint and Glare Assessment and Noise Impact Assessment undertaken.

## Overall plan for this building to achieve:

- 57% annual carbon emissions reduction.
- Energy usage savings in the region of 62%.

# Installation of rooftop solar PV and heat pump system at Clondalkin Leisure Centre

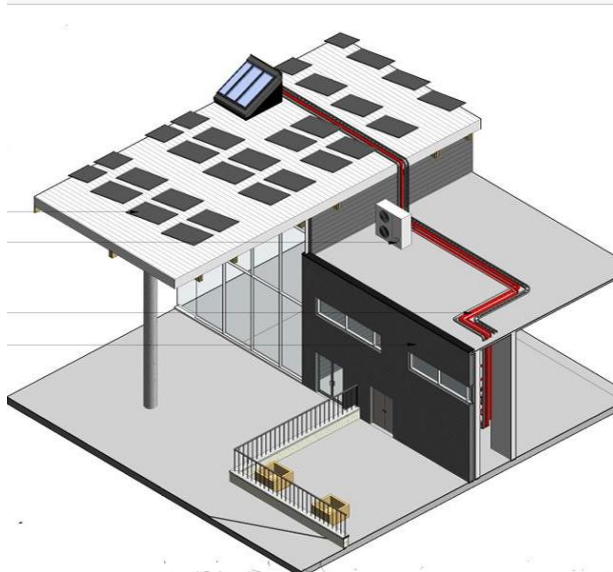
SDCC

Works to achieve decarbonisation and energy efficiency improvements:

- Installation of a rooftop solar PV array, with an estimated area of 1300m<sup>2</sup>, with associated site works.
- Installation of a heat pump system to be located on the split level roof, adjacent to the existing plant room, with associated site works.
- The heat pump system comprises of 3 No. 128kW Air Source Heat Pumps.
- A 2m louvre fence will be installed around the compound area above the existing parapet, for visual screening.
- Installation of a 1 No. 19kW Air Source Heat Pump on the roof of the building.
- Glint and Glare Assessment and Noise Impact Assessment undertaken.

## Overall plan for this building to achieve:

- 50% annual carbon emissions reduction.
- Energy usage savings in the region of 57%.



## Part 8 Public Consultation Summary

- Draft Proposals brought to the Meeting of the Tallaght Area Committee in June 2026
- Draft Proposals brought to the Meeting of the Meeting of Clondalkin, Newcastle, Rathcoole, Saggart, and Brittas Area Committee in June 2026.
- Public Consultation period from 20th July to 31<sup>st</sup> August 2026 (6 weeks).
- Consultation included:
  - Newspaper notice in the Echo
  - Site Notices
  - SDCC Online Consultation Portal
  - Email communication to relevant bodies.

- 3 Submissions received in respect of the 6 No Part 8 Proposals from:
  - Department of Defence
  - Irish Aviation Authority
  - Tallaght University Hospital – Capital Planning and Delivery

The responses acknowledged the proposed works and noted that if future negative effects, as a result of the solar PV arrays, become apparent then SDCC should take measures to mitigate these effects to an acceptable level.

# Recommendation

- Following an assessment of the submissions received as part of the public consultation, it is recommended that no changes be made to the 6 No. Part 8 proposals.
- Having regard to proper planning & sustainable development, it is recommended that the proposed 6 No. Part 8 proposals should proceed in line with the CE report



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# Thank you