

Tullamore Office

St. Fintan's Healthcare Campus, Portlaoise

Decarbonisation Projects



We're taking
climate action

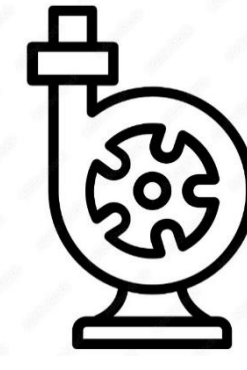
St Fintan's Healthcare Campus is comprised of a number of different wings and buildings around a central Victorian period stonework building.



**Fabric
upgrades**



**Lighting
Upgrades**



**Pump
Upgrades**



**Staff
Engagement**

The installation of new windows in phase 1 of works at St Fintan's has yielded significant energy savings to date, with further larger savings to come in the next phase. Alongside previous completed projects and behavioural changes, the road to decarbonisation is well underway.

Behavioural change

**Saving:
200,000 kWh/year**

LED Lighting

**Capital Cost: €4,599
Saving: 8,500 kWh/year**

Pump Upgrades

**Capital Cost: €7,619
Saving: 20,000 kWh / year**

Window Upgrades



196 Windows Replaced

Ground Floor (Maryborough):
102 windows for replacement

First Floor (CAHMS):
94 windows for replacement

**Cost:
€750,000**

**Savings:
500,000 kWh/year**

**U-Value change:
-4.8 W/m²K**

- Significant future cost and energy savings now ensured, with 120 windows installed so far.
- Thermal envelope of building one step closer to decarbonisation alongside other upgrades, and this could be an enabler for a future renewable heating system. Consumption savings already seen.
- Heritage building, so there was significant challenges related to period and statutory protections.
- Along with energy related improvements; vastly improved aesthetics for patients, staff and visitors have been noted. PVC frame windows were not in line with Victorian stonework finish.