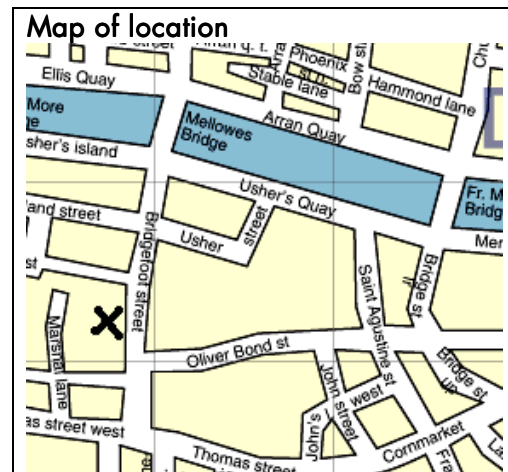


# Dublin, Ireland

Project Name	Bridgefoot Street
Address	Emmet Walk, Bridgefoot St, Dublin 8
Year of construction	1964
No. of units	32 units
Project Status	constructed



## Photo



## Summary

Dublin City Council is the building owner. Refurbishment features included replacement of heating system, upgrade of building fabric, enclosing of balconies to minimise exposed walkways. Theoretical estimated energy and CO<sub>2</sub> savings were calculated as 91 and 95% respectively. The flats are now occupied and the ROSH project will provide valuable information on the performance of the flats.

Before Refurbishment		
Energy	886	kWh/m <sup>2</sup> /yr
CO <sub>2</sub>	311	kg/m <sup>2</sup> /yr
Cost	32000 estimated	€/yr (incl all charges)

Target		
Energy	66	kWh/m <sup>2</sup> /yr
CO <sub>2</sub>	17	kg/m <sup>2</sup> /yr
Cost	8000 estimated	€/yr (incl all charges)

**Note:** To adequately heat a typical flat using solid fuel, a tenant would have to spend approximately €1000/year. The residents were unable to fully heat the flat to a reasonably comfort and used to heat one room only through solid fuel such as peat briquettes or coal. Residents were paying approximately €480/year to heat one room only. The installation of a highly efficient gas fired central heating system, together with the inclusion of additional insulation and other energy features, the projected figure to heat the whole apartment to a comfortable level is approximately €250. Energy and CO<sub>2</sub> figures before refurbishment are based on the assumption that the flat was heated adequately, which in practice did not occur.