

CCC HOUSING STOCK – AIR QUALITY MATTERS

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Corporate Plan Output:	

The purpose of this report is to advise measures taken to provide cleaner heating to the City Council's rental Housing stock and methods to increase energy efficiency.

BACKGROUND

Air pollution caused by open fire use was identified and a pro-active programme of cessation was commenced from the early 1990's. Electric heaters were being provided and upgraded.

Tenants using open fires were further discouraged to use them by being offered renovation and remodelling features that were in keeping with the Council's measures to control pollution and introduce energy saving. A number of these measures were able to be implemented due to funding from a Government source – EECA (Energy Efficiency Conservation Authority).

ENERGY EFFICIENCY PROJECTS UNDERTAKEN

From the years 1997 – 2000 funding to the amount of \$380,000 from EECA has been used to implement energy efficiency measures as below:

1.	Solar water heating	11 flats
2.	Ceiling insulation	575 flats
3.	Underfloor insulation	251 flats
4.	HW cylinder wraps	1479 flats
5.	Draught stopping	488 flats
6.	HWC thermostat replacement	120 flats
7.	Compact fluorescent bulbs	2200 units
8.	Double glazing	3 new complexes

CURRENT SITUATION

At present our heating breakdown is as follows:

A.	Open fires to units	8
B.	Wood burners	1
C.	Electric heating	2182
D.	LPG	4

FUTURE ACTIONS

An energy audit done in April 1999 provides a plan for future upgrades / measures to meet current compliance requirements. This report is available from Leonid Itskovich, Energy Manager, at Christchurch City Council.

Modern building practice and materials are making the lining of concrete block flats with insulated gibboard economic, and therefore offers another energy saving medium for us to use.

Notification to tenants that open fires will no longer be able to be used and that appropriate heating will be provided, will be implemented by April 2001.

Recommendation: That the information be received.