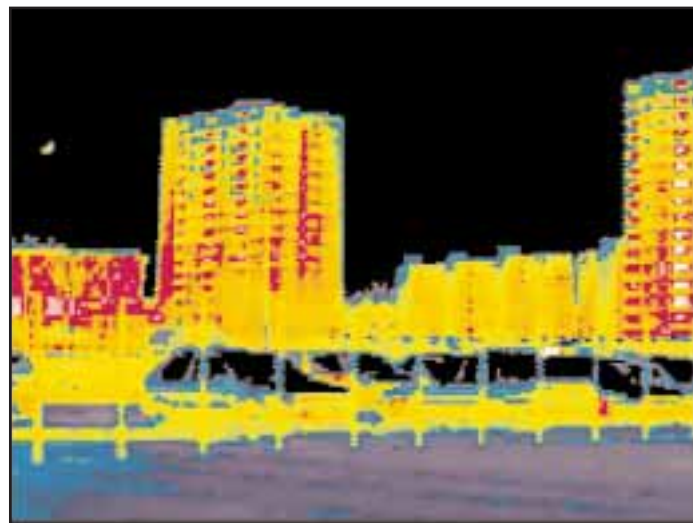


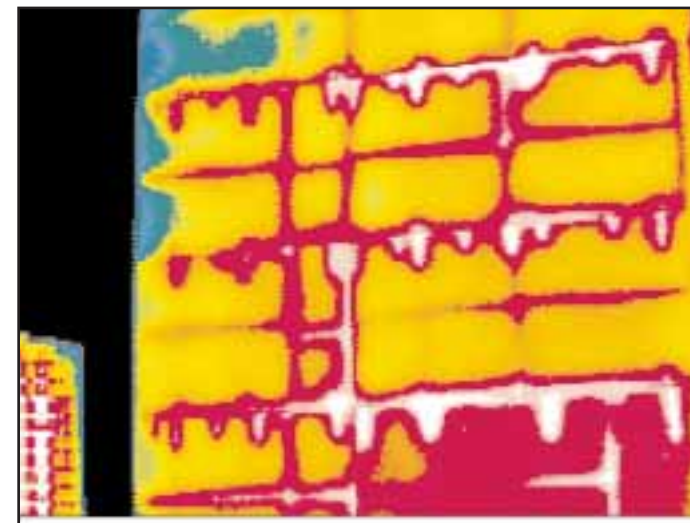
POLICY

The Ballymun Regeneration Energy Policy will pursue the following objectives:

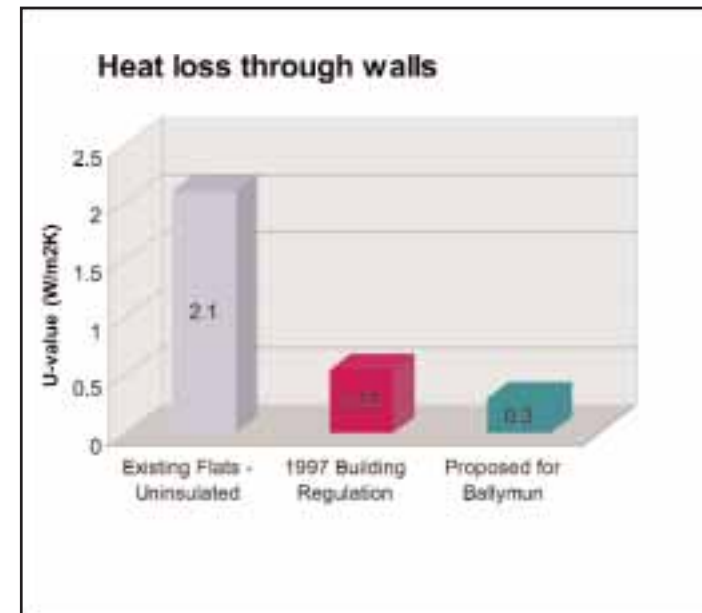
- New Buildings will cost tenants no more to heat
- The maximum benefits from energy use will be sought through increased energy efficiency in boilers, heating equipment and domestic appliances
- Waste of energy will be eliminated through good control of heating systems and insulation
- The impact of energy consumption on the environment will be minimised through choice of clean fuels, such as gas, which have lower emissions of the greenhouse gas CO2 and other polluting gases
- New Approaches on energy will be followed and changes which are driven by the European community will be monitored
- Alternative sources of renewable energy will be pursued, at least in a percentage of the new buildings
- Energy efficiency in transport will seek to minimise transport demand and maximise the use of public transport facilities
- This energy policy will contribute to the sustainable development of the new Ballymun through promoting training and employment opportunities in the energy sector
- The health of the people living and working in Ballymun will be given priority through good thermal comfort in the home, reduction of environmental pollution and choice of building materials
- **This energy policy embodies the key energy elements of sustainability as set out by Local Agenda 21. It is progressive and dynamic in response to an ever changing set of demands and targets.**



Infra red thermogram of the existing towers showing very large heat loss (red) through the non-insulated walls.



Infra red thermogram showing cold bridging in existing flats causing heat loss.



BEST PRACTICE - ALL HOUSES

Specification

- Prohibit ozone depleting chemicals
- Reduce PVC
- Low embodied energy material such as timber
- All timber from sustainable source
- Ensure quality construction
- Use waste or recycled material wherever possible

Design

- Compact form to minimise heat loss.
- Orientation to optimise solar gain.
- Design for long life.
- Minimise the use of hazardous materials (e.g. formaldehyde)
- Minimise maintenance

Job Creation

- Installing heating system
- Servicing and maintenance of boilers

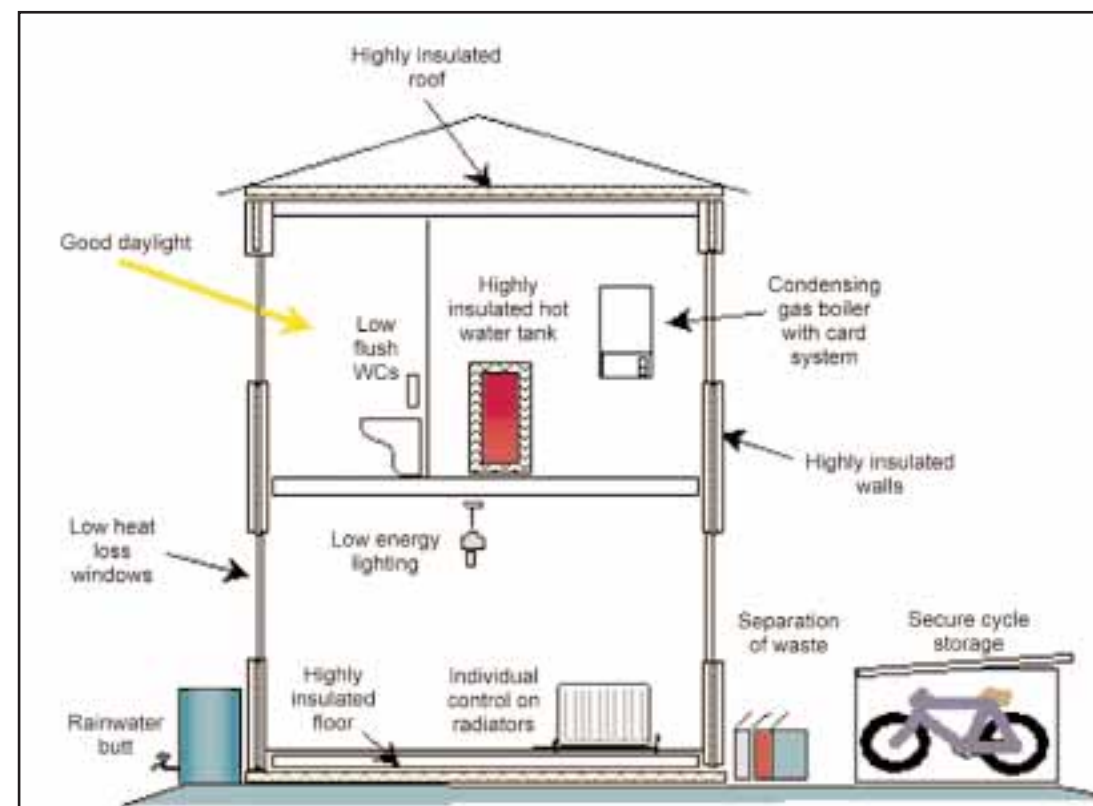
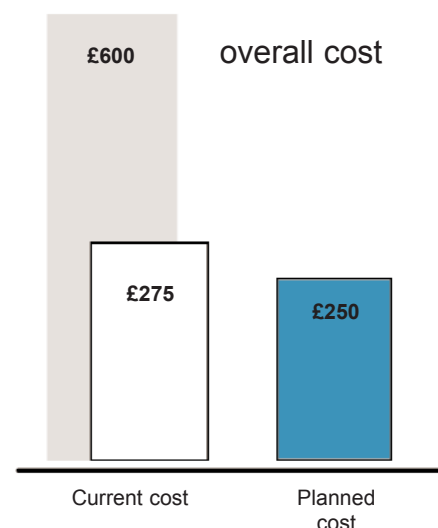
Training

- Instructors will be trained to run programmes aimed at advising tenants on how to maximise benefit from their heating system, making full use of controls

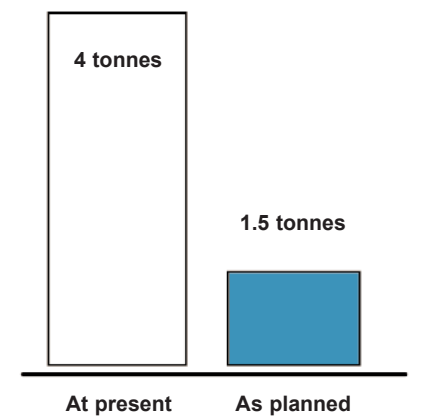
Education

- Producing a small booklet, in a graphical illustration format, with instructions for handy reference in order to achieve maximum comfort and low fuel bills in practice

COSTS FOR HEATING two bedroom dwelling per year



CARBON DIOXIDE EMISSIONS for two bedroom dwelling per year



STRATEGY

