

# Open House London

Architectural information



## EcoConsulting's Office

28 Marshalsea Road  
SE1 1HF

Our beautifully converted 1880s warehouse has recently undergone a Green refurbishment. It proudly showcases three sustainability initiatives.

The building is home to EcoConsulting, a sustainability consultancy, which focuses on Energy Efficiency and Sustainable Design.

*"We believe that every one needs to take responsibility for their CO<sub>2</sub> emissions. As a Sustainability Consultancy this was particularly important to us and was the primary reason for the refurbishment of our office."* Nanik Daswani (Director & Co-founder)



## Stage 2 – Installation of the Biomass Stove / Boiler

- Installed thermal store, flue & biomass stove/boiler
- Access to basement modified so as to handle delivery of a ton of wood pellets
- **Result: 100% carbon neutral heating**

## Stage 3 – Increased monitoring of energy use and behavioral change

- Installed an Energy monitor with 'real time display'.
- **Result: ability to monitor and identify and quantify energy use**

## Greening the Building

### Stage 1 – Insulating the buildings walls

- Installed 100mm wood fiberboard insulation to existing solid brick walls
- Finished with 2 layers of natural clay plaster; undercoat and finishing coat with white pigment (which does not need to be painted)
- Wall U-value dropped from 1.40 to 0.32
- **Result: increased thermal efficiency and greater comfort levels**



### Energy Performance Asset Rating

More energy efficient

A+

A 0-25

B 26-50

C 51-75

D 76-100

E 101-125

F 126-150

G Over 150

Less energy efficient

Net zero CO<sub>2</sub> emissions  
◀ 23 Rating post insulation & biomass stove

◀ 57 Rating post insulation

◀ 80 Original Rating

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ECO CONSULTING

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Open City

Opening eyes, minds and doors