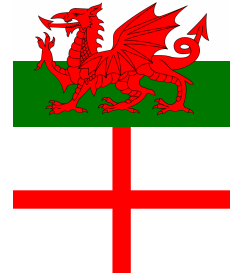




Adaptation of the Display® poster and its communication campaign to the national transposition of the EPBD directive

Country profile: England and Wales
Population: 60.4 million
Area: 242 500 Km²
Entry date in the EU: 1973



Display figures by 12/06/2009
Number of cities participating in Display®: 41
Number of buildings registered: 2860
Number of posters: 4954

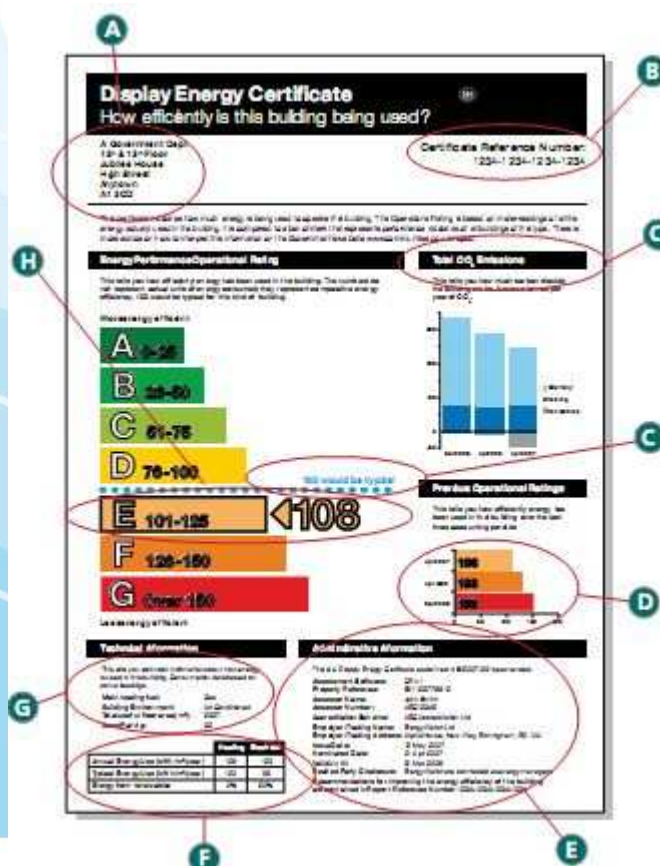
The Display® Campaign

From January 2006, the European Energy Performance of Buildings Directive (EPBD) - placed a legal obligation on municipalities to measure and publicly "display" the energy performance of their buildings. In anticipation of the directive the Display® Campaign was launched in 2004 to help municipalities benefit from these requirements by developing strategies to engage with the public and maximise the rewards of better environmental management of public buildings.

The success of the Display® Campaign is its focus on local communication campaigns. For the period 2008/2010 a new phase of the Display® Campaign has been launched to increase the visibility and quality of local communication campaigns in Europe and analyse the effects they have on actual building performance improvements. Local, national and European user clubs will be set up to promote the dissemination of best practice and large-scale awareness-raising / public information campaigns carried out to stimulate behavioural change.

As most Member States are ready to certify their existing public buildings Display® will

focus on the possibilities of adapting the existing calculation tool to national legislation schemes (operational rating only) as was achieved at the beginning of 2008 in France.



Legislation specific to existing public buildings

In the UK the legislation was enforced in March 2006 for the calculation methods (art.3) and existing buildings (art.6). The Communities and Local Government department produced software to calculate energy performances for different types of buildings (more than 30 categories).

In March and June 2007 the calculation method was established to calculate an



Energy Performance Certificate for private dwellings. For public buildings another certificate based on operational rating is used known as a Display Energy Certificate (DEC) that will rate energy performance according to CO₂ emissions/m².yr. DEC's will be annually renewed while the advisory report will be effective for 7 years. There is a of £500 for failure to display a DEC, and £1,000 for failing to possess an Advisory Report, DEC's have been compulsory since October 2008 for all public buildings over 1000m².

The Operational Rating scale runs from 0 to 200. Average performance will produce an Operational Rating of 100.

National adaptation opportunities

Adapting Display® software to the British legislation can be facilitated by the fact that:

- Display and the British EC are based on CO₂ emissions,
- They are based on operational ratings,
- British legislation requires annual updates of the DEC and display® is well designed for annual data collection.

Hurdles to the adaptation still remain because of the following elements:

- The DEC system contains more than 30 categories although only about 8 general categories (Display has 11) are directly concerned with public buildings. It is the building sub categories and potential associated benchmarks that could be more complicated to adapt the existing Display Calculation Tool.
- The DEC Carbon result is not in kwh.m² but in a figure from 0 to 200 with 100 representing the typical performance.
- The DEC system takes operating hours into account in a sophisticated benchmarking system per building type.
- The DEC system has an 8 zone England and Wales centralised weather correction system
- Energy benchmarks are not included on the certificate but are mentioned in the bottom left hand corner. A lot of work will be required to produce Energy benchmarks based on DEC carbon figures.
- Calculation process is divided in three steps (simple, corrected and customized data). Display only deals with the simple stage and thus it would take a lot of extra programming to make the corrected and customised options available.
- As DEC's are mandatory every year it will take an extra effort to produce Display certificates every year.

Authorities responsible for the implementation of the EPBD

Department of Communities and Local Government (DCLG)

Partners

Energy saving trust: good practice advice and legislation database.

Contacts

Display® team:

Ian Turner: www.energie-cites.eu/ian

Peter Schilken: www.energie-cites.eu/peter

Relay city:

Bristol City Council

Contact: Ian Watkins



Tel: 0044 117 9224436

email : ian.watkins@bristol.gov.uk

Useful links

<http://www.communities.gov.uk/planningandbuilding/theenvironment/energyperformance/publiccommercialbuildings/displayenergycertificates/>

Display® Campaign: www.display-campaign.org