



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

**Country profile:** FINLAND  
**Population:** 5.2 million  
**Area:** 338 000Km<sup>2</sup>  
**Entry date in the EU:** 1995



**Display key figures by 12/06/2009**  
**Number of cities participating in Display®:** 1  
**Number of buildings registered:** 267  
**Number of posters:** 832

### 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 users club 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.

ENERGIATODISTUS			
<b>Rakennus</b>			
Rakennustyyppi: Asuinkeuhala	Mittausvuosi: 1999		
Osio: Huoneisto 1200	Rakennustunnus: 1234567-69 B 001		
Osio: Huone			
Energiatestaus on annettu			
<input type="checkbox"/>	rakennusupseerintalon yhteydessä ja perustuu laskennalliseen kuluksiin		
<input type="checkbox"/>	energiakatselmuksen yhteydessä ja perustuu toteutuneeseen kuluksiin		
<input checked="" type="checkbox"/>	erillisen tarkastuksen yhteydessä ja perustuu toteutuneeseen kuluksiin		
ET-luku	Vähän kuluttava	Rakennuksen ET-luokka	
< 100	A		
101 - 120	B		
121 - 140	C		
141 - 180	D		
181 - 230	E		<b>E</b>
231 - 280	F		
281 -	G		
Pajon kuluttava			
Rakennuksen energiatehokkuusluku (ET-luku, kWh/m <sup>2</sup> /vuosi):			<b>218</b>
Energiatehokkuusluvun luokittelustandardi: Suuret asuinrakennukset			
Todistuksen antaja:		Todistuksen tilaaja:	
Eero Energia-Asiantuntija		Matti Makkilainen	
Allekirjoitus:			
Todistuksen antamispäivä:		Viimeinen voimassaolopäivä:	
1.1.2008		31.12.2017	

### Legislation specific to existing public buildings

The Act on Building Energy Certification was approved by Parliament on the 13 April 2007. The existing Building Regulations provided in the National Building Code of Finland

(<http://www.ymparisto.fi/default.asp?contentid=68171&lan=en>) under the Land Use and Building Act have been amended by the Ministry of the Environment in order to comply with the directive. The amended Building Regulations were published in June 2007 and came into force from 1 January 2008. A decree covering the details of the energy certification of buildings was published by the



Ministry of the Environment in June 2007 and came into force from 1 January 2008. Interestingly enough the production of Energy Certificates are optional for existing public buildings as well as for existing detached houses and apartment blocks consisting of no more than six homes.

### **National adaptation opportunities and (potential) role of Display in the implementation process**

As the option to produce energy certificates for public buildings in Finland is voluntary this provides a rare opportunity for Display to continue to be used without adaptation in Finland. One would then think that many other local authorities in Finland would be interested to join Display and produce voluntary Display posters but in reality many authorities prefer to produce certificates that are in line with the system for existing non-residential buildings even though production of certificates for public buildings is optional. It is therefore this system that we compare in the PPT presentation overview as if there are to be more Finnish cities using Display as a voluntary system a number of changes would be required.

Similarities between Display® and Finnish (existing non-residential) legislation:

- A to G benchmarking
- Operational ratings i.e. rating according to the actual energy consumption in existing buildings
- Climatic correction (Central Finland)

Differences:

- 10 building types 7 of which are public,
- Final energy instead of Primary Energy
- No CO<sub>2</sub> rating
- Operational rating does not include electricity from building user's appliances
- Benchmarks standards or not linear and conversion factors are different

From the above differences it looks like there would be a possibility to adapt the Energy rating for Display although excluding the electricity use for appliances is a complicated process. Finnish local authorities could continue showing the Display European water performance in a voluntary manner but the biggest problem would be adapting the Display Carbon rating without any specific Finnish regulations or benchmarks.

### **Authorities responsible for the implementation of the EPBD**

Ministry of the Environment and the Ministry of Employment and the Economy.

### **Contacts**

#### **Ministry of the Environment:**

Visiting address: Kasarmikatu 25, Helsinki  
Postal address: P.O. BOX 35, FI-00023 Government, Finland  
Switchboard: + 358 20 610 100  
Customer service: + 358 20 690 160  
Fax: + 358 9 1603 9320

#### **Display® team:**

Ian Turner: [www.energie-cites.eu/ian](http://www.energie-cites.eu/ian)  
Peter Schilken: [www.energie-cites.eu/peter](http://www.energie-cites.eu/peter)



### **Relay city:**

#### **City of Helsinki**

Contact: Ulla SOITINAHO

Tel: 00358 9 3103 8598

email: [ulla.soitinaho@hel.fi](mailto:ulla.soitinaho@hel.fi)

### **Useful links**

Ministry of the Environment: [www.ymparisto.fi](http://www.ymparisto.fi)

the Ministry of Employment and the Economy [www.tem.fi](http://www.tem.fi)

Finlex: [www.finlex.fi](http://www.finlex.fi)

Display® campaign: [www.display-campaign.org](http://www.display-campaign.org)