



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

**Country profile:** Czech Republic  
**Population:** 10.3 million  
**Area:** 79 000 Km<sup>2</sup>  
**Entry date in the EU:** 2004



**Display key figures by 12/06/2009**  
**Number of cities participating in Display®:** 3  
**Number of buildings registered:** 7  
**Number of posters:** 6

### 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 and public information campaigns carried out to stimulate behavioural change.

As most Member States are now 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

PRŮKAZ ENERGETICKÉ NÁROČNOSTI BUDOVY				
Typ budovy, místo zobrazení	Hodnocení budovy			
Adresa budovy	stavba 0 (po rekonstrukci)			
Celková podlahová plocha	stav 0 (po rekonstrukci)			
Měrná vypočtená roční spotřeba energie v kWh/m <sup>2</sup> rok	30 <sup>+</sup> 30 <sup>-</sup>			
Celková vypočtená roční roční energie v GJ	30 <sup>+</sup> 30 <sup>-</sup>			
Průběh dodané energie (příspěvek) na:				
Vytápění	Chlazení	Větrání	Teplá voda	Osvětlení
%	%	%	%	%
Doba zobrazení průkazu				
Jinými a přísluší				
Průkaz vypracoval				
Osvědčení č.				

In the Czech Republic, the EPBD has been transposed via the Act on Energy Management edited in March 29<sup>th</sup> 2006. This legislation has been effective since July 1<sup>st</sup> 2006. It stipulates that Energy Certificates (EC) will be mandatory for new, renovated, existing and public buildings by January 1<sup>st</sup> 2009. Please note that the certification scheme will be the same for all buildings and one methodology is used for all regions and all building types in the Czech Republic.

**Decree nr.148/2007coll** provides details of the calculation method for the energy certification of buildings. It came into effect on July 1st 2007. Energy consumption "represents the annual delivered energy supplied to a building to meet



*the energy needs for heating, ventilation, air conditioning, lighting, the preparation of hot water and operation of technical equipment"* (MPO). Energy performance will be rated in a scale from A to G. The calculation tool is available for download at <http://tzb.fsv.cvut.cz/projects/nkn/> and general information concerning **Decree nr.148/2007coll.** can be found on the Ministry of Economy and Trade's website <http://www.mpo.cz/dokument40811.html>.

The Certificate has a column showing the Energy rating of the building and to the right the potential rating after energy saving measures are carried out.

### **National adaptation opportunities**

The Czech system for all buildings (including existing public buildings) is based on an asset rating system for the total energy use of the building but uses final energy as apposed to primary energy. It will thus be very difficult to adapt Display to the Czech system. If there was a big demand from the Czech local authorities it would be possible to adapt Display to an operational rating system in line with their National system. The 11 Display building type benchmarks could be adapted to the 7 Czech buildings and the calculation tool changed to use final energy use instead of primary energy. As the National Energy Certificate is valid for 10 years the Display certificate could provide users with a useful annual reminder of the building's management progress (see Lithuania).

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

Ministry of Industry and Trade

### **Partners**

Czech Standards Institute (CNI)

### **Contacts**

#### **Ministry of Industry and trade:**

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#### **Display® team:**

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#### **Relay organisation**

Národní síť Zdravých měst ČR - Healthy Cities of the Czech Republic  
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### **Useful links**

Display® Campaign: [www.display-campaign.org](http://www.display-campaign.org)  
MPO: [www.mpo.cz](http://www.mpo.cz)  
CNI: [www.cni.cz](http://www.cni.cz)  
Czech calculation tool <http://tzb.fsv.cvut.cz/projects/nkn/>