



Project Acronym : ENERLIN

Project Title : Energy Efficient Residential Lighting Initiative

Coordinator : Université Toulouse 3 (France)

Website : <http://www.enerlin.enea.it/partner.htm>

ABSTRACT

The overall project objective is to substantially increase the efficiency of residential lighting in a number of Member States and Candidate Countries, through increased penetration of Compact Fluorescent Lamps (CFL's) in the residential sector.

It can be shown that energy savings from increasing CFLs use in households can be as high as 11 TWh per annum, corresponding to 1.2 Mtonnes of less greenhouse gas per annum.

The main target groups for this project are: National Energy Agencies, Energy utilities, Lighting manufacturers, Consumer defence associations, Individual consumers, Lamp and luminary retailers, Policy makers, Architects and Civil Engineers

The consortium work is focussed on the better promotion of Compact Fluorescent Lamps (CFL) for residential use. The main outputs from the project will be the creation of new European CFL-Quality Charter, the design of attractive CFL promotional campaigns, the creation of CFL quality criteria and comprehensive databases.

In the context of the Kyoto Agreement, the European Community and individual Member States are looking for cost-effective measures to reduce CO₂ emissions and combat climate change. To this end the European Commission carried out the European Climate Change Programme (ECCP) during which it identified, with stakeholders, cost-effective actions that contribute to CO₂ emission reductions. The ECCP identified residential lighting as an important area. To achieve considerable savings in this sector, a coherent strategy is required to transform the lighting market. To ensure a sustainable growth and use of CFL we propose to develop valid promotional arguments and implement coherent promotional campaigns; to train end-users in order to achieve a self-sustained CFL use growth. Concerning energy savings from CFLs, by replacing only one additional GLS lamp by one CFL per household a gain of 11 TWh corresponding to 1.2 Mtn of less CO₂ per annum can be achieved. The consortium work is focussed on the better promotion of Compact Fluorescent Lamps (CFL) for residential use. The main outputs from the project will be the creation of new European CFL-Quality Charter, the design of attractive CFL promotional campaigns, the creation of CFL quality criteria and comprehensive databases.

PARTNERS

ADENE – Portugal ; BE – Germany ; e-ster – Belgium ; EKODOMA – Latvia ; ENEA – Italy ; ESB – Estonia ; KAPE – Poland; Respect – Sweden ; SEC – Bulgaria ; SEVEN - Czech Republic ; UTC-N – Romania ; DEN – Denmark ; CEU – Hungary