

# Project no. 340-003

## Market test – LED lighting in urban furniture driven by solar cells

**Project manager: out-sider a/s – Ib Mogensen – Tel.: +45 2261 7420**

For this project, electronic control and regulation are developed for the solar cell-driven LED lighting for the urban equipment designed by project 339-013. The purpose is to extend the daily illumination time of the LED lighting by approx. 50 % to 6-8 hours. This control is tested in a dozen test products which are set up within two local authorities as part of a market test.

### **Project status:**

Optimised electronics, software, movement sensors, etc. have been developed, tested and built into a selected design from the “part 1” project (DOT bollards).

From 1 November 2009, Slagelse local authority will test 16 “DOT” bollards (but without movement sensors) on Motalavej in Korsør, where the bollards will support eight pinch points for the purposes of reducing traffic speeds. Thus no electrical cabling has been laid for the area at all.

### **Anticipated final project results:**

The test installation of 16 DOT bollards in Korsør is the end point for the project under the auspices of PSO.

Out-sider will then test and develop the concept, which with its “intelligent” electronics will form a starting point for an actual market launch of solar cell-driven lighting products for urban areas. This is expected to take place as early as spring 2010.