

# ZECOS INVESTMENT PROFILE

**Partner involved:** Morbach, PCC, NCC, Arebs

**Date of submission:** 23<sup>rd</sup> December 2014

Development and Introduction of the Communal Zero CO<sub>2e</sub>  
Emission Certification System as a Tool for Sustainable  
Communities and Regions

**229H-ZECOS**

Investing in Opportunities



This project has received  
European Regional  
Development Funding  
through INTERREG IV B.



INTERREG IV B

**ZECO<sub>2</sub>S**

Zero CO<sub>2e</sub> Emission Certification System

## Investment Profile

Investment title:	Installation of CMS & upgraded street lighting
Partner responsible:	Peterborough City Council
Key figures:	100 LED streetlights with CMS. Total investment approximately €85,850 Main profiteers: Peterborough City Council; residents.
CO <sub>2</sub> -savings/a:	7600kg
Contact details:	Charlotte Palmer, charlotte.palmer@peterborough.gov.uk, 01733 453538, Peterborough, UK
Benefits of the investment:	<p>This investment has the following benefits:</p> <p><b>Economic:</b> around £1300 less spent per year on street lighting in the villages, a saving for the city council.</p> <p><b>Ecological:</b> Light pollution is reduced due to more focused illumination, and more natural white light is used. The LED bulbs require less electricity with associated fuel and CO<sub>2</sub>e savings, reducing pollution.</p> <p><b>Social:</b> LED street lighting produces white light which allows for better colour recognition, assisting in crime reduction. The lights are often described as 'smart' or 'fresh' in comparison to the old sodium lamps, which can improve the feel of an area. Perhaps most importantly, LED street lights are a highly visible sign of a commitment to increasing energy efficiency and reducing CO<sub>2</sub>e emissions.</p> <p>LED street lighting is cheaper both to fuel and maintain for the city. For the overall project, the lights represent a community-wide investment which can raise awareness of ZECOS for normal citizens.</p>
Short description of the investment:	<p>Please give a brief description of your investment. Estimated 100 LED streetlights with CMS control unit will be installed by the end of ZECOS, replacing the same number of conventional sodium lamps. The LED lights will be fuelled by grid electricity. The total investment will be approximately €85,850, and the main profiteers will be Peterborough City Council (reduced costs) and residents (improved street lighting).</p>
Financed by:	<p>INTERREG and Peterborough City Council              This investment is a visible symbol of the Zero CO<sub>2</sub>e aspirations of ZECOS in Ginton and Peakirk. Having the Interreg branding demonstrating European backing has helped residents in the villages to feel part of something bigger, which has</p>

encouraged a sense that action in a small community can genuinely have an impact. Feedback from other partners on our Investment presentations at consortium meetings was also helpful.

