

Texel, The Netherlands

LED Light Plan

"The LED light plan shows the main issues of Texel, namely sustainability and taking into account the environment."

Bert Dennenberg
civil engineer

Project description on the island

The Light plan is the ambitious policy plan of the municipality of Texel for public lighting. It starts with an inventory of the current area. On the basis of road safety, social security and liveability a Texel's practical directive has been determined for the application of public lighting. This is translated into a plan with the main focus on sustainability and darkness. This plan provides LED lighting and generation of energy by means of solar panels.

Targets of the project

The local council of Texel has decided that in 2020 Texel sustainably foresees in her own energy need and to take darkness as a core quality of the municipality.

The LED light is the interpretation on this vision for public lighting. It leads to a reduction of energy usage of 60%, remaining energy is durably generated, none CO₂ emission, less light pollution, more nocturnal darkness and lower maintenance costs.

Innovation and value of the project

- 100% LED-lighting
- 100% sustainable generated energy
- 100% reduction of CO₂ emission

With the implementation of an innovative and sustainable public lighting, Texel hopes to set an example and inspire the many tourists who visit the island and also stimulate other governments and organisations.

Start and end date of the project

January 2009 - Summer 2012

Project leader

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Partners

Village councils of Den Burg, Den Hoorn, De Koog, De Cocksdorp, De Waal, Oosterend and Oudeschild, Texel, Delft University of Technology, EPEA International Umweltforschung GmbH.



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