

## 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 practice directive has been determined for the application of public lighting. This directive has been translated with as main points sustainability and darkness to an implementation plan. This plan provides LED lighting and generation of energy by means of solar panels.

#### Project leader

Municipality of Texel  
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#### Partners

Village councils of Den Burg, Den Hoorn, De Koog, De Cocksdorp, De Waal, Oosterend and Oudeschild, Texel.

#### 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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



January 2011

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WATER



ENERGY



MATERIALS