

- user needs
- social demands
- dynamic lighting requirements

- area functionality
- stakeholder analysis
- built environment
- time of use
- number & frequency of use
- lighting analysis



manual on social needs



manual on technical solutions



strategy paper integrating social needs & dynamic lighting technologies



handbook, training material, workshops



demonstrative pilot projects

Demand analysis

wishes, desires

human needs

social demand

Joint monitoring tool

a liveable city

Dynamic Light

a sustainable city

low carbon

smart city

IOT & Big-Data



INTERNET OF THING



Lighting has a vital role to play in building and supporting urban communities that are sustainable – socially, environmentally and economically



www.interreg-central.eu/dynamiclight

light pollution

a healthy city

circadian light

flora & fauna



Light pollution and excess lighting is having adverse effect on flora and fauna around the world.

Lead Partner:
Hochschule Wismar

Contact:
Prof. Dr. Thomas Römhild

thomas.roemhild@hs-wismar.de





Interreg
CENTRAL EUROPE



European Union
European Regional
Development Fund

Dynamic Light

Public lighting causes around six percent of global CO₂ emissions. Much conventional lighting needs to be replaced by energy efficient solutions but public authorities lack a strategic approach to convert their lighting infrastructure. Dynamic Light encourages city authorities to plan lighting according to needs, by considering safety, light pollution, energy use and aesthetics. The project tests various approaches as it helps develop lighting strategies for cities.

www.interreg-central.eu/lowcarbon



AUSTRIA

Steiermark | Burgenland

CROATIA

Kontinentalna Hrvatska

CZECH REPUBLIC

Praha | Jihozápad

GERMANY

Mecklenburg-Vorpommern |
Berlin

ITALY

Emilia-Romagna | Lombardia |
Provincia Autonoma di Trento

POLAND

Dolnośląskie

SLOVENIA

Zahodna Slovenija



PROJECT BUDGET

3.50
MILLION €

ERDF FUNDING

2.85
MILLION €