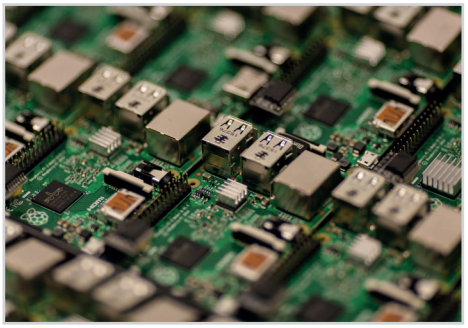
Digital Cities

# HexaLight



## HexaLight - the first post-digital light ever

**HexaLight is an IoT-based cyber-physical system of networked personalised lights. It guides you safely through dark areas and at the same time collects environmental data. It is human centred, turns on when needed and protects bio-diversity.**

Dark urban areas are uncomfortable to walk through. Installation of bright street lights is cost-intensive and prone to interrupt bio-diversity. HexaLight combines an IoT device with a personalised software. It uses a fast communication infrastructure and sensor technology, is personalised and environmentally friendly. HexaLight connects to your navigation app to guide you.

We work on the success of HexaLight as an economic solution for property owners and others whose goal is to provide human-friendly lighting and to collect reliable environmental data. HexaLight can represent data-sets of a digital city while adding to citizens' safety. HexaLight helps creating an circular digital society, while enhancing architecture and urban environments.

## Competitive Advantages

- Mobile
- Off-grid solution
- Scalable
- Customisable
- Cost-effective
- Light as service
- Designed by architects
- 100% modular
- Outdoor and indoor
- 5G ready

## Target Markets

- Municipalities / Cities
- Housing associations
- Private real estate owners
- Event organisers
- Schools and universities

## Status/ Traction

- One 5G testbed in Berlin
- One pilot in the Smart City District Jätkäsaari in Helsinki
- One pilot in the European Capital of Culture 2019 and Unesco World Heritage Matera
- Partners are TIM, Fraunhofer HHI, Aalto University, Forum Virium Helsinki
- Data Analysis and app development by Fluxedo

## Road Map

**2019**

- First sales of our product, development of a modular system
- Target market: Germany, Finland, Italy
- Creation of start-up dedicated to cyber-physical systems to enhance architecture and urban environments

**2020**

- Development and sales of an improved version and extension of the product portfolio, integration of AI
- Target market: Rest of Europe

**2021**

- Integration into construction components for intelligent buildings
- validated 5G connection
- Integration of third party apps
- Material improvement towards bio-degradable materials

## Connect

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## Location

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