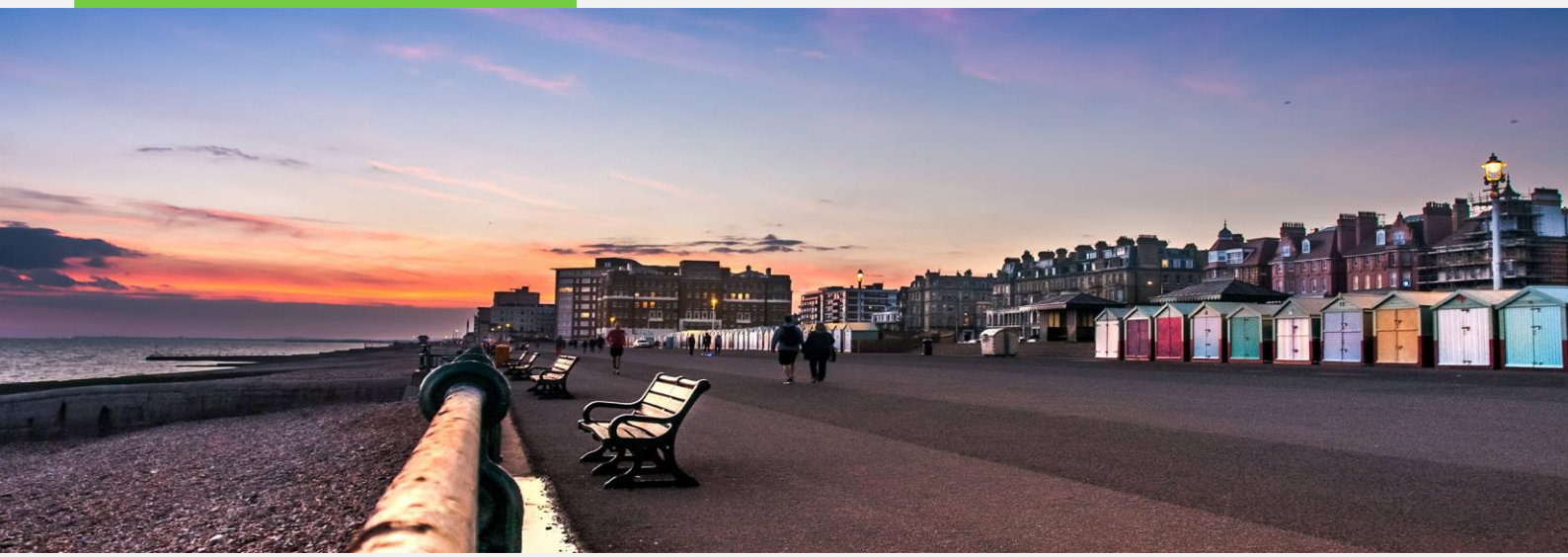
CASE STUDY



Brighton & Hove City Council

The project will allow the council to fully assess the effects of building improvement works by using enLink Zone sensors to measure temperature and humidity levels before, during and after the work.

In addition, the data is available to the residents via a mobile app, allowing them to see temperature and humidity levels inside and outside their dwellings. As many of the residents are elderly and some have disabilities, the system can generate alerts if the residents are unable to effectively maintain temperature and humidity levels within their homes as this presents significant health risks:

- Black mould is the result of high humidity over an extended period and is associated with respiratory illness and chronic fatigue.
- Where a property is occupied, unusually low temperatures (< 18°C) over a period can be an early warning sign of fuel poverty.
- Sustained temperatures of below 16°C are associated with increased vulnerability to infection in the over 60 age group.

CLIENT

Brighton & Hove City Council

DELIVERABLES

Real Time Electricity Metering
Real Time Gas Monitoring
Real Time Water Metering

AWARDS & MENTIONS

- Energy Manager of the Year
- PSS Sustainability Manager of the Year
- ISEP Gold Award in 2016
- PSS Best Energy Management Award

A unique testbed for products and services that have the potential to improve welfare services, reduce financial pressure to public sector services and to enable healthy living as a whole Brighton and Hove City Council selected Synetica's enLink Zone and enLink Air wireless air quality sensors for their project using the Internet of Things (IoT) devices to help enable healthy living.