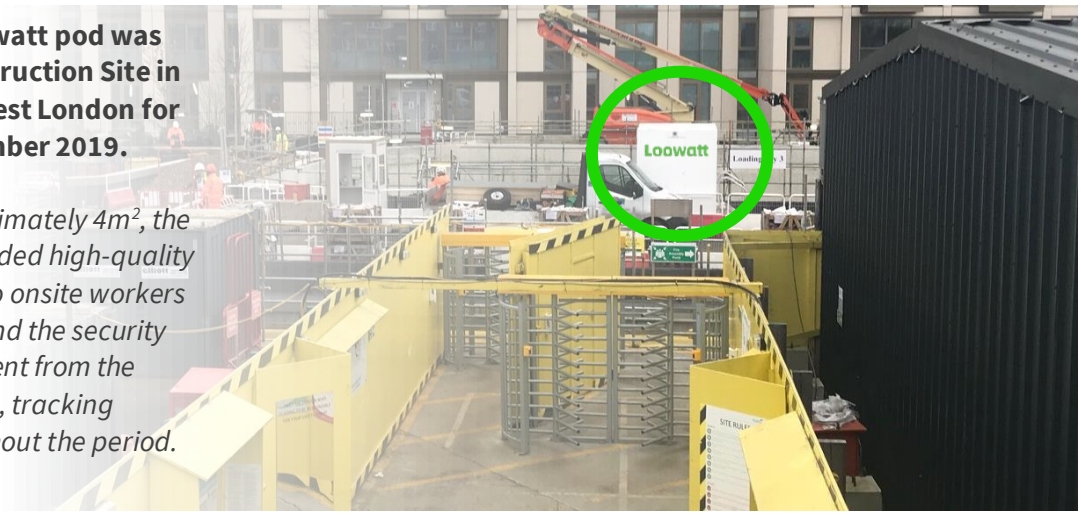
Loowatt

Case Study
UK Construction Site



This 4-toilet Loowatt pod was placed at a Construction Site in Fulham, Southwest London for 2 weeks in December 2019.

Occupying approximately 4m², the Loowatt Pod provided high-quality waterless toilets to onsite workers in a location beyond the security gates. Data was sent from the toilets to the cloud, tracking utilisation throughout the period.

Key Benefits: Reducing Downtime, Saving Water, and Reducing Carbon Emissions

The Loowatt Pod is easily placed on any location onsite. It does not require a water hook-up and never needs to be accessed by a vacuum-truck, thus offering significant savings on transport as well as a more flexible servicing regimen. The site operators were able to place Loowatt at a location that saved workers 10 minutes for each trip to the toilet.

Benefits over the course of the two-week trial:	
Reduced Downtime	**Saved 32 hours of employee downtime**
Saved Water	**Stopped 1,000 litres of water from being flushed down toilets**
Reduced CO_2 Emissions	**Saved approx. 42kg CO_2 emmissions, equivalent to planting two trees**

We then calculated the benefits if all 470 workers onsite visited the pod once per day:	
Reducing Downtime	**Saves 392 hours of employee downtime per week**
Saving Water	**Saves 13,800 litres per week**
Reducing CO_2 Emissions	**Will save 1245 kg/yr CO_2 emmissions, equivalent to planting 57 trees**
Energy Generation	**24 kWh energy-generating potential per week in UK utility-run treatment systems**

"This is fantastic, for a large site or even a smaller site, having the flexibility to put them anywhere, and then also to move them if required is an added bonus. It stops our workers from needing to waste time to go back to the office/welfare units when needing the toilet before break."

Construction Site Section Manager

Want to experience the benefits? Email us: sales@loowatt.com