

Project:

Heathrow Energy Demand Management (EDM)

Client:

Heathrow (HAL) Engineering - Utilities Team

Project Value:

£4.9m

Background:

The most significant challenge for HAL in Q6 (2014 – 2018 quinquennium) is generating more than £600m of operational cost efficiencies. Their competitors run successful airports at lower cost and the airlines are demanding greater efficiencies. HAL must continue to cut waste, eliminate duplication, make their structure and processes leaner and more efficient, all while improving safety, quality and service to passengers/airlines.

HAL Engineering have committed to a number of cost saving measures through the Q6 settlement process. This includes a number of utility consumption-based reduction targets primarily focussed on electricity. Additionally HAL has set the goal of 34% CO2 energy reduction by 2020. There is an opportunity to replace and optimise / control some of the older less efficient assets which yield energy saving benefit.

initiate’s role:

HAL EDM is currently working on circa 200 projects.

initiate is responsible for circa 20% of these projects during the first 12 month period.

We have established strong working relationships with the, internal and external Stakeholders and interfacing project teams. **initiate** are carrying out development, execution planning & management, defining clear goals and deliverables to ensure value for money from expenditure. This includes compliance with all HAL’s commercial, technical and handover governance procedures.

Outcome:

To date **initiate** has successfully completed a number of projects in Terminal 4 including multi-storey car park lighting replacement, baggage heater controls, Immigration and Baggage Hall lighting, Airfield Stand walkway lighting. As an example, one project yielded a 70% reduction in energy demand, saving £48k per annum with a payback period of 2.5 years.

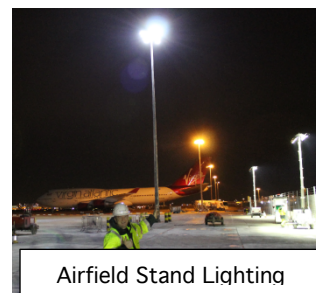
We are currently progressing projects to replace the lighting in Check In, Central Security Search area and Airfield Stands.

Through the Project Management of **initiate**, HAL Engineering has made an excellent start towards delivering their Energy saving challenge for Q6 period.

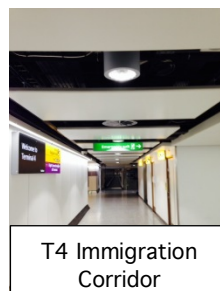
initiate has been responsible for the end to end Project Management of the following Terminal 4 and Airfield projects:



MSCP 4



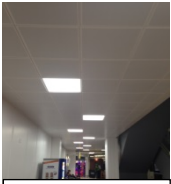
Airfield Stand Lighting



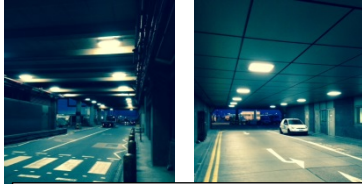
T4 Immigration Corridor



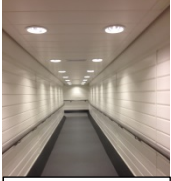
T4 Quartz



T4 Arrivals



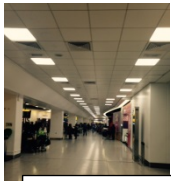
T4 Baggage undercroft



T4



Fan



Retail