CLIMATE TECH CASE STUDY
Built Environment

Integrated Environmental Solutions (IES)

IES and the client have been utilising the Digital Twin model to assess updates to their lighting design and now, following implementation, are using the model to validate that the savings are as anticipated, with positive results. The Digital Twin therefore provides an invaluable asset for the client on an ongoing basis.

IES intend to continue hosting the model and through the continuous integration of live data via iSCAN, it will be possible to continually monitor performance and test the impact of further design and operational changes as time goes on. This project is a rare example of the type of modelling that should be undertaken to facilitate truly informed decisions when it comes to our buildings. The project exemplifies tools and modelling processes which can be adopted by any building to help identify and eliminate inefficiencies to significantly reduce energy, carbon and cost impacts.[1]

View the website here.

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[1] https://www.iesve.com/icl/case-studies/10123/government-building-digital-twin