

REDUCE YOUR USE

Dublin City University

Dublin City University is committed to making radical changes to curricula, research and operations in order to reduce its environmental impact and reach ambitious zero carbon targets. The scale of the work to be done demands that each of us overhauls our previous practices and considers carefully how we use resources. Ambitious and innovative Energy and Water management is key for the university to achieve this strategic objective.

Staff and student engagement is an important part of the required organisational change, with the DCU Communications Unit, the Sustainability Office, and the Estates Office combining to enhance awareness and engagement across the university community.



10% energy savings



90 buildings

DCU Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University



Rialtas na hÉireann
Government of Ireland



OPW

Optimising Power @ Work



Heating and lighting measures



- Turned off heating and utilities outside of operating hours in all buildings.
- Set internal space heating temperature to 19 deg. C in a number of buildings.
- Shut down heat in most office buildings at least 1-2 hours before buildings close.
- Optimised water heating to save energy in all buildings.



- Reduced unnecessary use of lighting in all buildings.
- Turned off display lighting/window/feature display lighting between 5 and 7 pm every day in a number of buildings.

Control and scheduling measures



- Implemented Timetabling Optimisation and Exception Scheduling on campus.
- Minimised the space occupied and heated in accordance with a reduction in occupancy.
- Ensured that operational control is appropriate to hours of work and services delivered.
- Assessed and optimised the core and extended hours of operation.
- Reduced electricity use at peak times (5 pm-7pm).



Where's Me Jumper?!

Wrap up and help us save energy

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Facilities assessments measures

- Carried out energy efficiency assessment/audit of all buildings.
- Conducted Out-of-Hours Walk-throughs in all buildings.
- Operations and Maintenance Audit carried out in all buildings.
- Operational control and measurement process developed for all buildings.