

Case study 2



16% energy saving achieved during the RYU initiative by strong commitment to energy efficiency and sustainability

MTU Bishopstown Campus

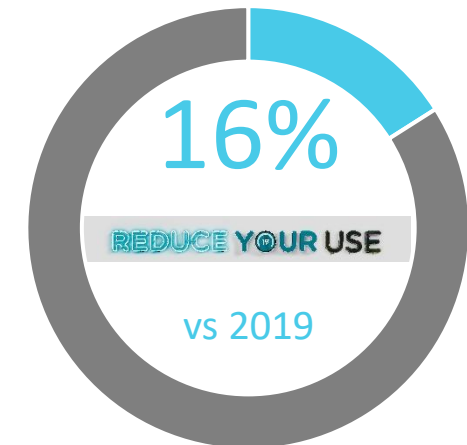
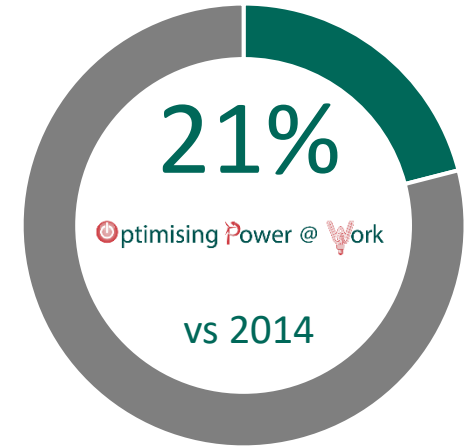
Munster Technological University (MTU) is a multi-campus technological university with an extensive and impressive regional footprint with six campuses across the southwest region in Cork and Kerry.

MTU was established in January 2021, the result of a merger between two institutes of technology, Cork Institute of Technology, and IT Tralee.

The Bishopstown Campus has a wide array of building types ranging from Block A-D originally built in the 1970's to NIMBUS Research facility built in 2010, to a 1,200 fully seated stadium.

Joined Optimising Power @ Work in 2015

A committed and involved Estates and Green team on campus, delivering energy savings.



MTU Bishopstown Campus

Heating



- ✓ 19°C temperature setpoints applied where possible during heating season 2022/23.
- ✓ Schedules significantly reduced.
- ✓ BMS setpoints recorded and reported after audits.
- ✓ Temperature monitoring all areas via Airthings software & multi-sensor's.
- ✓ Email Alerts set up for areas overheating.
- ✓ Reduce Your Use communications disseminated to staff by email, poster and webinar.

Cardigan Culture

Embrace the comfort!
It's like turning up your heat by 3 degrees.



We're taking part.

REDUCE
YOUR USE
19°

Join us!



Pull the Plug

Supplementary electric heaters are one of the most expensive and environmentally damaging heat sources to run.



MTU Bishopstown Campus

Lighting



- ✓ Out-of-hours Energy Audits completed to review the lighting in unoccupied areas.
- ✓ OPW Site Energy Audits in 2022 identified a number of energy saving opportunities.
 - Amendments to Standard Operating Procedures
 - Staff awareness training
 - Smart timers installed on external lighting circuits
- ✓ Reduce Your Use communications disseminated to staff by email, poster and webinar

Go Out Like A Light

Turning off the lights when you leave is an easy way to save energy



See the Light of Day

If the sun's out...
Switch off the lights!



MTU Bishopstown Campus

Space



- ✓ Ongoing out-of-hours audits completed across all MTU Corks facilities.
- ✓ Audit findings and results relayed to building users.
- ✓ Coffee Vouchers left for staff who had switched off.



Are you a Reduce Your Use Hero?

Switch off rates for equipment in your area:

Lights	100 %
Computers	80 %
Monitors	60 %
Printers	0 %

Location: First Floor Date: xx/xx/xx Time: 18.30 - 23.30

seai | OPW | Optimising Power @ Work

1st floor

100% OFF

Last out? Lights out!

Your performance in an out of hours check on lights in this work area.

Before You Print

Does it really need to be printed?

If it does, please select options to reduce the number of pages printed.

- Double-sided
- Custom range
- Narrow margins
- Smaller font



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Time



- ✓ Strong focus on Bank Holiday shutdowns.
- ✓ Feedback on shutdown performance.
- ✓ University media screen displays used to deliver Reduce Your Use communications.

PC Shutdown Santa's in Town

He knows when they are sleeping,
he knows when they're awake,
he knows if you've shutdown or not,
so shutdown for goodness sake!



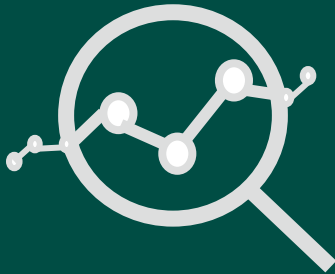
Be Santa's Little Helper

'tis the season to switch off all lights,
computers and office equipment
before heading off for the holidays.



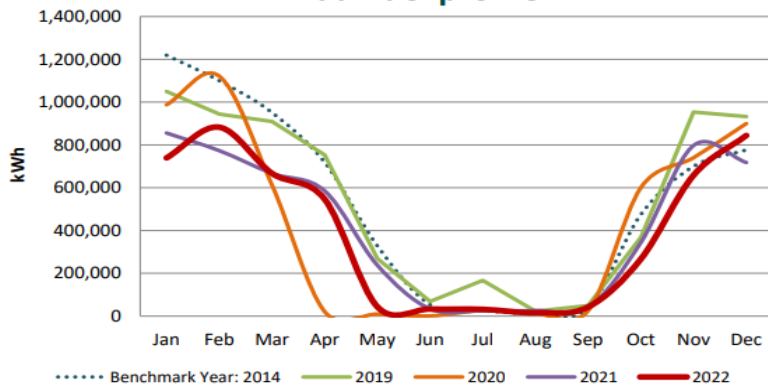
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Tracking

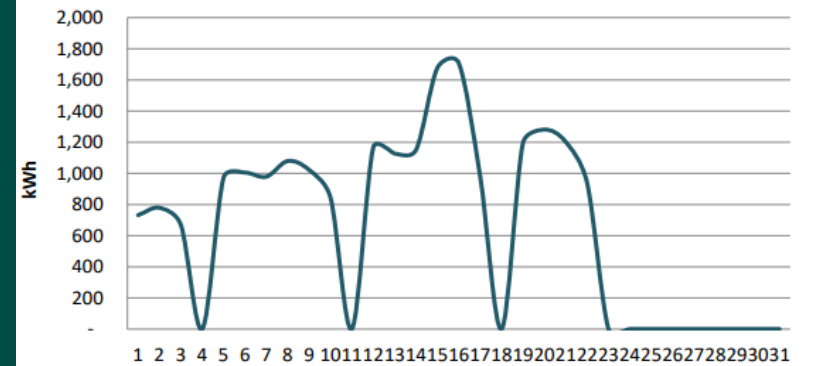


- ✓ The Assigned Optimising Power @Work advisor kept the RYU initiative on the monthly meeting agenda and the energy team championed the campaign with staff and students.
- ✓ Energy audit completed by OPW-appointed consultant, with a register of opportunities.
- ✓ Energy reports completed monthly by Optimising Power @ Work and discuss at monthly meetings with recommendations implemented.

Annual fuel profile



Monthly Gas report December 2022



MTU Bishopstown Campus

Other



- ✓ Energy Clinics for staff were provided by the Optimising Power @ Work Team
- ✓ Energy awareness day facilitated on-site supported by the Optimising Power @ Work team
- ✓ Staff Energy quiz
- ✓ Staff Energy Presentations

