

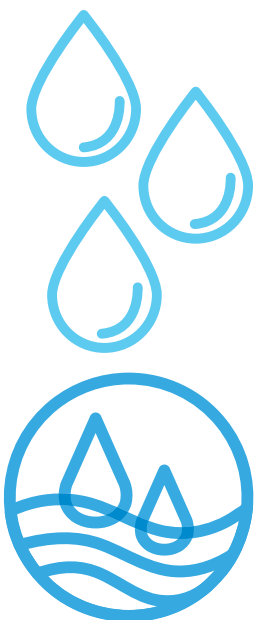
People, Planet, Prosperity

Brainwaves Eco-Code of Sustainable Conduct



Funded by the European Regional Development Fund through the Ireland Wales Cooperation Programme

This Code reflects Brainwaves' commitment to sustainability. Through the project activities we aim to act responsibly and work to make a positive contribution to the environment and to the communities where we operate. The project takes action towards 8 of the 17 UN Sustainable Development Goals 2030.



Water Smart

One of Brainwaves' long-term aims is an overall improvement in the water quality of rivers, lakes and coastal water bodies in the Programme area through reduced nutrient loading from agricultural wastewater streams. Let's consider the use of water in the everyday lives and follow a simple reduce, reuse, recycle system.

- REDUCE water consumption by monitoring tap flow and water leaks in laboratory, office and homelife activities.
- REUSE water by placing a bucket in the sink/shower and use to water garden or a pre-wash soak for clothes.
- RECYCLE water from old drinking glasses or bottles to water plants.

Sustainable Procurement

We will aim to follow university sustainable procurement strategies and consider how our purchasing decisions could impact the local and wider area. We encourage purchasing that is mindful of sustainable production and consumption.

- Consider items with longer life and greater upgradability.
- Procure goods with reduced packaging and increased recycling capabilities.
- Use existing hardware where practical and repair equipment where necessary to avoid repurchasing.

Litter & Waste

Brainwaves' aim is to help the dairy industry better manage and find use from its waste, and the Circular Economy is the driving factor behind our research. Circular, closed-loop thinking means re-purposing and using existing materials as far as possible.

- Promote paperless office systems and reuse wastepaper if generated as scrap paper for note taking, etc.
- Continue to say NO to plastic bags, use reusable bags instead.
- Implement green practices in our laboratories including composting the duckweed generated from testing growth systems.

Minding our Wellbeing

We encourage healthy and active habits for our staff through the duration of the project.

- Go to a Green space on work breaks to connect with the natural environment and raise an awareness of local biodiversity.
- Taking care of our sleep: Along with nutrition and exercise, good sleep is one of the pillars of health.
- Encourage our team to have air purifying plants such as Spider plants (*chlorophytum comosum*) or Peace Lily (*spathyphyllum*) at their office spaces. Clean air is vital for health and wellbeing.

Smart Power

On energy use, the Brainwaves team are encouraged to take several smart steps to minimise their environmental footprint.

- Use natural light where possible and continue to turn off lights when not in use.
- Unplug electronic devices to decrease energy usage around the office, laboratory or home. Using a power strip for devices can control your consumed energy.
- RECYCLE old appliances where possible.



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