2020 / 2021 Environmental Implementation Plan

Achievements to Date

2016-2020

- Installed LED lighting to Lower Mounts site 1
- Information to kitchen staff to minimise waste to landfill
- Reduced usage of glyphosate for weed control
- Introduction of week closure between Christmas and New Year to reduce energy usage
- Daventry site replaced with BREEAM “Very Good” energy efficient campus

- Booth Lane food waste separated and taken to local anaerobic digester by Biffa
- Installation of LED lighting to Lower Mounts site 2
- Installation of LED lighting to Booth Lane Oak Building
- Installation of LED lighting to Booth Lane main site stairwell C and external lighting bollards
- Installation of LED lighting to Booth Lane workshops, sport hall and circulation areas.
- Removed single use plastic water bottles from catering outlets
- Closed Daventry site on Wednesday to maximise usage on other days and save energy costs
- Closed Lower Mounts site at 2pm on Saturdays to maximise usage on other days and save energy costs
- TM44 air conditioning inspection reports carried out at Booth Lane and Lower Mounts all recommendation carried out.
- Booth Lane Travel plan updated
- “Big Rig” sustainable skills competition

- Daventry Bee Project. Set up to teach young people about the important role of bees in the ecosystem, including pollination, honey and beeswax production.

- Installation of additional 96 kWh PV array

Ongoing

- Monitor all utilities throughout year.
- Use of BMS to minimise energy costs
- On “Triad Days” reduce energy consumption between 5.30 – 6.30pm
- Use of software to auto shut off PCs in College
- DEC certification and EPC monitoring
- CO2 Net Zero 2050

2020 -21 Targets

To promote bio diversity in the environment:

- April and August continued application of Opticote long term fertilizer to lower and higher level sedum roofs to Booth Lane D building and increase sedum plant coverage from 75% - 90% throughout May – September
1st August 2020

• Supply and sow A22 amenity grass seed, EM3 and EM8 wildflower seed mixes throughout May – September 2021

• Reduce use of glyphosate by 50% April – September 2021

• Increase plant stock by 10% to pond throughout May – September 2021

Reduce waste to landfill by 25% by April 2021

• To reduce usage of single use cups across college

• Reduce further use of single use plastics across college

• Include waste management information in staff and student induction process.

• Monitor all waste streams throughout year.

To reduce energy usage and carbon dioxide generation by 5% by August 2021

• Monitor all utilities throughout year.

• On “Triad Days” reduce energy consumption between 5.30 – 6.30pm.

• Continue “Turn it off” campaign through the year

• Reduce number of computers by 20%

• Install additional 10% Photo voltaic panels

• Complete feasibility LED survey to Booth Lane classrooms and carry out conversion

To promote healthy living for students, visitors and staff

• Continue to carry out advertising campaign using college tv screens throughout the year.

• Continue “Green Pledge” scheme.

• Include in staff and student induction process.

• Continue Supported Learning curriculum programme to grow vegetables. September 2020 – July 2021

• Supply healthy option main meal for students and staff

• Increase access to college sporting facilities (changing rooms, sports hall, playing fields, tennis courts and MUGA).