SAMPLE COLLEGE CARBON TARGET

Our College has agreed upon a well defined and challenging but realistic target for Greenhouse Gas Emissions reduction.

[Possible target:]

1. This will be equivalent to achieving net zero emissions by 2025.
2. This will be equivalent to or better than a reduction by 50% of our 2013 emissions by 2030.

SCOPE OF EMISSIONS

The scope of this target takes into account emissions from

1. Gas and oil burned on site and in offsite owned and managed properties
2. Electricity used on site and in offsite owned and managed properties (at national average grid multipliers)
3. Zero emission power generated on site or within our control
4. Research travel when the research is being carried out for the college only
5. Commuter travel
6. Student travel
7. Estimate of food production emissions based on agreed metrics
8. Contribution to offsetting schemes
9. Tree planting on owned land

IMPLEMENTATION

We currently expect the following areas of work to contribute to the achievement of our target:

1. **Buildings and Heating**
2. Undertake comprehensive building audit and EPCs by 2021
3. Update and link heating and hot water controls for main buildings by 2022
4. Improving insulation in all suitable building walls, roofs and windows by 2023
5. Install heat pumps for XXX buildings by 2023
6. Installing a centralised low emission energy centre and heat distribution network on XXX sites by 2005
7. Work with our residents to agree acceptable internal heating points by 2021
8. Design new buildings to passivhaus standards
9. **Domestic Hot Water**
10. Undertake comprehensive building services audit by 2021
11. Insulate all plant and distribution
12. Generating our own pre heat with solar energy on XXX buildings
13. Work with our residents to agree acceptable hot water use guidelines by 2021
14. **Power**
15. Undertake comprehensive building services and energy consumption audit by 2021
16. Reduce demand from plant and equipment through purchasing decisions throughout the period
17. Procure a proportion of our energy directly from zero emissions sources by 2022
18. Generate our own energy on our own premises before 2023

*Social change*

1. Influence behaviour and reduce demand from employees
2. Influence behaviour and reduce demand from residents
3. Influence behaviour and reduce demand from guests and visitors
4. ***Offsetting***

*We will subscribe to a suitable offsetting scheme, reducing the amount that we offset as we generate fewer emissions ourselves, to achieve a maximum of XX% of 2019 emissions offset by 2030.*

*We will plant X,XXX trees by 2030.*

1. **Transport**
2. Define or agree which elements of transport will be included
3. Establish facilities or access to facilities to allow remote/web based participation in meetings and conferences by 2021
4. Introduce a transport policy that reduces commuter and work journeys prioritises lower Carbon modes, multi-mode and active travel by 2021
5. Influence and facilitate fewer long distance student journeys by 2023
6. **Food**
7. Define methodology and scope of GHG emission footprint in supplied food by 2021
8. Adjust menus so that meat consumed is reduced by XX% by XXXX
9. Adjust menus to reflect seasonality of produce
10. Work to develop supply chains with local suppliers where feasible
11. **Procurement**
12. Quantify current (and predicted) purchases of goods and services
13. Define methodology and scope of GHG emission footprint in procured goods and services by 2021
14. Identify top XX procurement elements with biggest achievable GHG emissions impact and secure improved supply chains.
15. **Investments**
16. Define methodology and scope of GHG emission footprint in investment portfolio by 2021
17. Adjust portfolio so that footprint is reduced by XX% by XXXX