### Plastic bottles
- The UK uses 38.5 million single use plastic bottles every day.
- Thousands are littered each year and end up in marine systems.
- Water and air pollution from microplastics.

**What we have done**
- All Hawthorn Hot Beverage Service is delivered in glass bottles.
- All soft drinks to be served in cans, not plastic bottles from Source Cafes and bars.
- Cease sales of packaged water from delivered internal catering.
- Install an external water fountain for staff and students in Royal Fort Gardens.
- Change all Hot Beverage Service and internal Fresh Range ordering as part of our sustainability initiatives.

**What we will achieve by the end of 2020**
- Cease sales of packaged water from 3rd party event and delivered catering suppliers.
- Cease sales of packaged water from University Source Cafes.

**What we will achieve by summer 2021**
- Cease sales of packaged water from University Source Cafes.

**Innovate and connect - what we pledge to do**
- Continue to communicate the 300+ walk-in units of UoS which supports Climate City in the South West.
- Continue to walk as cost, sustainable alternatives to DSW free water bottles to staff and students.
- Continue to express interest in green energy projects including bioenergy and wave energy.
- Continue to improve sustainability of vending machine options.
- Start a ‘plastic offsetting scheme’.
- For example for every tonne of plastic avoided for every ton of plastic littered at a beach clean event, litter pick event etc.

### Hot drinks cups
- 7 million disposable coffee cups are used in the UK each day.
- Difficult to recycle; the UK waste management infrastructure is currently insufficient.
- Only 1% of the 2.5 billion coffee cups used in the UK each year are recycled.

**What we have done**
- Vegware compostable brand introduced in 2014.
- Increased the use of disposable cups at Source Cafes to 30p on the 1st September 2016.
- As of 1st August 2019, single-use coffee cups are no longer used by UoB delivered catering.
- Introduced Kiki Up, plastic reusable cup.
- Remove disposable cups as an option for Hawthorn’s internal delivered catering.

**What we will achieve by the end of 2020**
- Remove all hot drink vending machines unless they are compatible with reusable cups.
- Introduce reuse cup deposit scheme when this is safe to do so.

**What we will achieve by summer 2021**
- Work with our delivery catering suppliers and meeting organisers to promote reusable containers for meetings over disposable.

**Innovate and connect - what we pledge to do**
- We will continue to promote reuse and increase the % hot drinks sold in reusable containers from 6% in 2019 to 75% in 2023.
- Install vending facilities for staff and students to purchase and resell reusable containers in all venues and facilities we develop.
- Consider eliminating all single-use coffee cups and rely on customers bringing their own reusable cups or forming one as part of a deposit scheme when it is safe to do so.

### Plastic straws
- 8.5 billion straws are used every year in the UK.
- According to Surfers Against Sewage research, plastic straws are in the top 10 items polluting the oceans and harming marine life.
- Used for, on average, 20 minutes then thrown away each year.

**What we have done**
- Ban on plastic straws in February 2016. Straws replaced with Vegware in a few locations.
- bottled delivered catering.
- All straws to be Vegware and on request only.

**What we will achieve by the end of 2020**
- Continue to find alternatives for single use plastic and other material food items where a better solution is available.
- Continue to encourage staff to bring their own reusable cutlery.

**What we will achieve by summer 2021**
- Continue to encourage staff to bring their own reusable cutlery.
- Ban use of disposables completely by implementing a deposit scheme when it is safe to do so.
- Parent to reusable glasses or serviced reusable plastic containers (refill cups).

**Innovate and connect - what we pledge to do**
- We will continue to encourage customers to bring their own reusable cutlery.

### Single use plastic details
- 3.5 billion pieces of food and drink waste are thrown away each year in the UK.
- According to Surfers Against Sewage research, plastic straws are in the top 10 items polluting the oceans and harming marine life.
- Used for, on average, 20 minutes then thrown away each year.

**What we have done**
- Beach clean ups find, on average, 125 pieces of food and drink waste littered on every 100m of beach.
- Plastic thrown into our oceans is an immediate danger to wildlife and a longer term danger for humanity.

**What we will achieve by the end of 2020**
- Beach cleanups 100% and use plastic and other material food items where a better solution is available.
- Provides use of reusable containers where possible by a discount on takeaways or serviced.
- Ban use of disposables completely by implementing a deposit scheme when it is safe to do so.

**Innovate and connect - what we pledge to do**
- We will continue to encourage staff to bring their own reusable cutlery.
- Ban use of disposables completely by implementing a deposit scheme when it is safe to do so.
- Parent to reusable glasses or serviced reusable plastic containers (refill cups).

### Takeaway containers
- Often made from difficult to recycle materials or contaminated with food, these can be rejected from recycling systems.

**What we have done**
- We don’t use takeaway containers widely at the University and where we do use them they are Vegware and not plastic.

**What we will achieve by the end of 2020**
- Zero waste facilities for all new build projects.
- Provide use of reusable containers where possible by a discount on takeaways or serviced.
- Ban use of disposables completely by implementing a deposit scheme when it is safe to do so.

**Innovate and connect - what we pledge to do**
- Zero waste facilities for all new build projects.
- Provide use of reusable containers where possible by a discount on takeaways or serviced.
- Ban use of disposables completely by implementing a deposit scheme when it is safe to do so.
- Parent to reusable glasses or serviced reusable plastic containers (refill cups).

### Condiment sachets
- Condiment sachets cannot be easy recycled, they can easily be down cycled but this is a resource intensive option and not a long term sustainable solution.

**What we have done**
- Condiment sachets have been eliminated from halls in 2015.

**What we will achieve by the end of 2020**
- Due to the Coronavirus condiment sachets have had to be reintroduced into halls and will remain until government guidance changes.
- Due to the Coronavirus condiment sachets have had to be reintroduced into halls and will remain until government guidance changes.

**Innovate and connect - what we pledge to do**
- Continue to find alternatives for single use plastic and other material food items where a better solution is available.

### Single wrapped biscuit wrappers
- Single wrapped biscuit wrappers cannot be easy recycled, they can easily be down cycled but this is a resource intensive option and not a long term sustainable solution.

**What we have done**
- We no longer have single wrapped biscuit wrappers where multipacks were sold.
- Teracycle scheme for biscuit wrappers where multipacks were sold.
- Stopped using single use plastic biscuit wrappers.

**What we will achieve by the end of 2020**
- Fresh Filling has already eliminated plastic inserts from multi pack sachets.
- Stopped using single packed biscuits.

**What we will achieve by summer 2021**
- Continue market testing for waste management contracts who take away and recycle or are re-used for outer under for emergency from waste.
- NOTE: this plastic type can go into the University’s plastics recycling bins at present, but this is a segregated at SUSZ MPH facility in Avonmouth and is used to create a heat source as there is no UK recycling market for it.

**Innovate and connect - what we pledge to do**
- Sustainability to implement a Teracycle scheme for biscuit wrappers where multipacks are sold.
- Educate staff and students about best practice to avoid contamination of the bins and reach a high rate of recycling.