

CLEAN CORNWALL NEWSLETTER

Welcome to the third issue of the Clean Cornwall newsletter, we have been busy! In this issue we will be looking at some new, ongoing and future projects which range from educational visits to our big litter bag project and tackling the issue of vapes.

We would like to say a huge thank you to all those who have supported and collaborated with us over the past few months.

clean
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Issue 3

Learning with Clean Cornwall

In February, we were back in the classroom with our new interactive presentation. We enjoyed a fun morning with Treleigh CP School, speaking to their enthusiastic students about litter and waste and how we can tackle this issue as a community.

The students used our mini ocean scenes to fish out litter and sort the rubbish into compostable, recyclable and general waste. We received some really positive feedback from this session and even spotted some students picking litter from their playground afterwards.

It was incredibly inspiring to see how much knowledge the students already had about litter, the environment and wildlife.

Thank you to the staff members who made us so welcome, the students were an absolute pleasure to teach and we hope to be back in the future with new material.



Henry Orchard & Sons Ltd

Change Maker Business Spotlight by Henry Orchard



Henry Orchard & Sons are proud to be a Change Maker for Clean Cornwall

As a business, our whole purpose and ethos is about recycling, doing what we can to protect our environment and also to support and sustain our local community. As well as helping others to recycle metal, a highly sustainable material, we also take a great deal of care to embed sustainability throughout our business. Therefore, we're thrilled to be a Change Maker for Clean Cornwall.

A really wonderful outcome we've seen is where our drive for environmental sustainability and our desire to support the local community come together. For example, one way local fundraisers have supported their charities of choice is by collecting scrap metal from friends, trading it in here at Henry Orchard and donating the money raised to support their favourite cause. One man, Peter Sweet, has raised over £44,000 to support the Children's Hospice South West by doing this.

Metal is one of the most recyclable materials on the planet. Steel, for example, is 100% recyclable without loss of quality. We do our best to educate people, through our work in schools, with community groups and through our online platforms about the huge recycling potential of metal and help people to understand



what can be recycled and the benefits of doing so. As well as supporting our local community to recycle scrap metal, we also embed sustainability throughout our own business.

We've replaced our lorries, ensuring our fleet and machinery is as efficient and eco-friendly as possible. In our day to day work, we take care to ensure the highest levels of compliance with environmental standards when it comes to the work we do in dismantling and recycling vehicles and scrap metal that is brought into us.

Sustainability Tips

We do have a few tips for others who might like to make simple, but effective changes to help protect this planet we're all sharing:

- Remember that aluminium and steel can be endlessly recycled, without losing quality and that it is a quick process. It can take as little as six weeks for a drink can to be recycled, for example, and back on the supermarket shelf as another can.
- Buy metal objects where you can, rather than plastic. This reduces the amount of 'virgin' plastic which is manufactured, which will eventually break down and end up in our oceans and our own food chain. Metal has a long lifespan too, but it can be recycled quickly and efficiently. 75% of aluminium produced is still in use!
- Look out for copper things you can recycle. Just like steel and aluminium, copper can also be recycled without losing quality. Recycled copper can be found in things such as roofing and cladding, cookware and musical instruments.
- Make sure you scrap your vehicle responsibly. You now cannot legally be paid in cash to scrap your vehicle. The law now states you must take it to an Authorised Treatment Facility (ATF) such as Henry Orchard & Sons. ATFs will recycle your vehicle safely and fairly and are regulated by government laws put in place to protect both the public, the yards, and the environment. It's also important that you, as the last registered owner, make sure the car is scrapped legally, so you avoid fines from the DVLA in the future.
- Don't forget, when you recycle scrap metal, you can earn money for it. Good things to look out for are old greenhouse frames or pipes from heating systems, for example.



If you have any questions, we'd be very happy to help you here at Henry Orchard & Sons.

Phone: 01726 850507

Email: info@henryorchard.co.uk

Visit our website: <https://www.henryorchard.co.uk>

The Litter Picking Bag Project

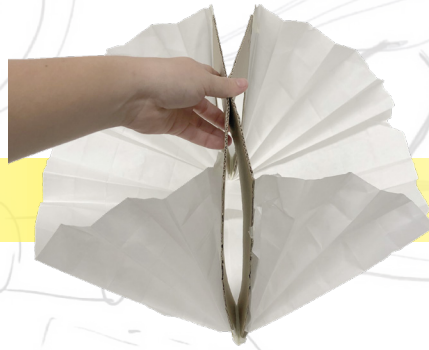
Design work by
Marcie Russell



Marcie Russell is the innovative Sustainable Product Design student that has taken on the challenge of designing a reusable, practical litter picking bag. Marcie studies Sustainable Product Design at Falmouth University and is currently completing her final projects for the third and final year of the course.

Marcie kick-started this project with real life research into litter picking, taking part in local litter picking events to gain insight into the human aspects of the design and the accommodations that need to be considered in order to make it inclusive. Take a look at some of her latest prototypes.

Initial Prototypes



Prototype 1

The no-sew bag.

This prototype is constructed from durable materials to withstand weathering and sharp materials. This bag can be easily sealed shut using a simple clip mechanism.

Prototype 2

The handheld bag.

This smaller, handbag-inspired design could be held in one hand and collapsed after use. We decided not to develop in this direction due to the fact that most volunteers find large volumes of litter on each pick, so the bag needs to have more volume.

Prototype 3

The Shoulder bag

We decided to move towards a more customisable design that could be worn in multiple ways with an adjustable strap. This would help to make the design as inclusive as possible, so that users can attach the bag in whichever way they find most comfortable.



Prototype 4

The Folding bag

This is the design that Marcie has chosen to develop further. We thought this design had the most potential for a number of reasons.

The foldable shape creates convenient pockets for litter to be sorted into categories such as recyclable and non recyclable.

Adjustable straps allow the possibility for design to be worn in different ways This bag can also be folded down to easily fit in the boot of a car. Marcie will continue to prototype and develop this design before moving onto testing and calculating costs.

Perranporth Human Chain

Standing together to protect our oceans



Hand in Hand against Ocean Destruction

On the 18th of February, the Perranporth Human Chain organisers called for support to protest the pollution, destruction and disrespect of our precious seas. We answered their call and took to the beach with more than 80 volunteers to stand up for our oceans and demand better standards for their conservation.

According to the Environment Agency, most beaches in Devon and Cornwall are meeting the highest international standards for water quality cleanliness for bathing. This contrasts strongly with the sight of brown waters and filthy tides that have become a common occurrence along our beautiful coasts. There will never be an “acceptable” amount of sewage to pour into our ecosystems. Marine spaces in the UK are in dire need of updated legislation to keep irreplaceable biodiversity under strict protection and monitoring.

We'd like to say a massive congratulations to the Perranporth Human Chain team for organising this event and bringing such an impressive number of people out of their homes to stand together. We hope that this event sent a clear message that the residents of Cornwall will not tolerate the destruction of our waterways and natural habitats. Check out @perranporth_humanchain on Instagram to learn more and find out about the next event.



Change Maker Updates

More benefits than ever!

New Discounts for Change Makers

It's an excellent time to be a Clean Cornwall Change Maker! We now have an official discount page for any businesses signed up to our Change Maker network. Get fantastic deals from Cornwall-based, eco friendly businesses from low-impact cleaning services to professional printing on recyclable materials. Sign up to be a Change Maker today to access our growing list of deals and discounts!

Exchange Forum

Our website's Change Maker Members area now hosts an exchange forum where Change Maker businesses can request or offer to exchange spare or unwanted goods.

Become a member today to get swapping!

Upcoming Events

Our next Change Maker Event will be taking place at Mount Pleasant Eco Park. We're really excited to bring together our Change Maker businesses and partners again to learn more about the circular economy and sustainable development in Cornwall. We will be hosting a number of speakers including Chris Phillips, a spokesman from Tevi. Tevi is an organisation that offers bespoke support through a network of full-time specialists in the environment, sustainable development, engineering, design and business administration. This event will help to provide our businesses with the tools, knowledge and connections they need to become more circular and reduce their impact.



Mount Pleasant Eco Park



Sign up Today: <https://eu.jotform.com/213333894142050>

The Real Cost of Vapes

Disposable vapes, a blight on our environment

The Reality of Vaping

As many of us may have already noticed, vaping has now become prevalent across all age groups. Advertised as a convenient and safe tool to quit smoking, these highly addictive and frustratingly non-disposable gadgets have become a common choice for those looking for their nicotine fill. Here are some statistics and facts that highlight the effects and the true extent of vaping's growing popularity.



How many people are vaping?

It's estimated that 3.2 million adults in the UK use vapes, according to the latest data from several national studies of adults in England. This number is similarly high for young people aged 11-17. (Office for Health Improvement and Disparities, 2022).

Two disposable e-cigarettes are thrown away every second in the UK (Askew, 2022) with the vaping sector now being worth more £1.325bn (UKVIA 2021). Vaping has become a cause of concern for many people across the UK who are questioning its effects on our country's wellbeing and natural ecosystems.

Vapes can be a reliable, effective tool to help people quit smoking, but their marketability makes them an easy target for profiteering and misuse.

What are the environmental impacts?

1.3 million vapes are thrown away in the UK every week, ending up in landfill or incineration (Leader, 2022). Disposable vapes are recyclable electronics that should never be thrown away in general waste. They contain valuable and electrical components and materials such as rechargeable lithium-ion batteries and recyclable plastic casings. These components become hazardous if they are crushed or damaged, potentially causing fires and releasing chemical waste. It is crucial to encourage vape users to ditch the disposables in the coming years and switch to rechargeable, refillable e-cigarette devices to protect our environment and move the vaping sector towards a more circular, sustainable framework.

Can vaping benefit society?

Research shows that vaping can be an effective method to help quit smoking. As vapes are a relatively new product, the true health consequences are yet to be thoroughly researched. We do know, however, that Vapes expose users to fewer toxins and have been shown to be 95% less harmful than cigarettes according to the Office for Health Improvement and Disparities. However, vaping poses no benefits for someone who isn't in the process of quitting smoking.

It's essential that vapes are distributed under legislation that prioritises human health in order for them to benefit society. Unfortunately, that does not seem to be the case in 2023. Clean Cornwall will be working with other partners in 2023 to tackle the issue of vape waste, look out for our upcoming campaigns.



Get ready for the Great British Spring Clean!

The Great British Spring begins on the 17th of March! From the 17th until the 2nd of April, people from all across the country have pledged to get stuck in to help rid our beautiful country of litter. Hosted by Keep Britain Tidy, this event is a fantastic, simple way to get involved with your local community and take care of our environment.

You can make a pledge to pick up a certain number of bags or time spent litter picking on the Keep Britain Tidy website:

<https://www.keepbritaintidy.org/get-involved/support-our-campaigns/great-british-spring-clean>

Pledge as a group or individual today!



**FOLLOW US
ON SOCIAL
MEDIA**



Drinking Fountains for Cornwall

Do you know of any Metropolitan Drinking Fountains or Cattle Trough Association drinking fountains in Cornwall that need restoring? Send the details to info@mdfcta.co.uk.

Arrange a Litter Pick

You can organise your own litter pick using the form on our website:

<https://www.cleancornwall.org/litter-picks>

Got a question? Get in touch:

Email: clean.cornwall@cornwallrcc.org.uk

Website: <https://www.cleancornwall.org/contact>



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Clean Cornwall is supported by the Cornwall Rural Community Charity, dedicated to supporting and strengthening Cornwall's Communities to improve quality of life.

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