



CLIMATE CHANGE IS HAPPENING!

**THIS EXHIBITION SHOWS WHY. THE
PROBABLE EFFECTS ON CORNWALL, THE
WORLD AND ITS PEOPLE. IT SHOWCASES
THE WAYS IN WHICH WE CAN ALL MAKE A
DIFFERENCE**

THE MAIN EXHIBITION EXPANDS ON WHAT YOU CAN
DO, TO MAKE A SIGNIFICANT DIFFERENCE, BY
CHANGING SOME OF YOUR HABITS TO SAVE MONEY
AND CARBON EMISSIONS

THE EXHIBITION IS AT

FALMOUTH POLYTECHNIC, CHURCH ST, FALMOUTH

Downstairs

March 5th to 9th

Upstairs and Theatre

March 8th to 9th

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INTRODUCTION

The stand holders are here to tell you what they are doing to reduce carbon emissions and to advise you on what you can do to support them and to reduce your own carbon footprint.

This is a great opportunity to find out more about the problem that is most concerning of all the problems the world faces today. Some would call climate change a climate emergency.

This might sound alarmist, but action is needed now. This event shows how we can all contribute to the collective effort to cut our fossil fuel use, including insulating & draughtproofing our homes, to be more comfortable and cut costs; and we can also help with local nature restoration as an important part of living lightly on our planet.

The story and its potential solutions are explained by the exhibition in the Spring Gallery, which has been created by students from the University of Exeter supported by Falmouth University.

The presentations in the Theatre, by Cornwall Council, Cornwall Climate Care, Farm Net Zero and others and the main exhibition, will enable you to get the facts to allow you to form your own opinions and actions.

The Rotary Club of Falmouth is most grateful to Falmouth Town Council, and Cornwall Council and Tamsyn Widdon for their financial support, and the University of Exeter, Falmouth University and Cornwall Climate Care for their technical support. We would also like to thank all the stand holders for their time and input.

John Pearce
Sustainability Lead, RC Falmouth
07301 264827



THE EXHIBITION IN THE SPRING SALON

5th March - 9th March, 10:00 – 16:00 every day, but on Saturday it closes at 15:00



University
of Exeter

Climate change is one of the most pressing issues facing humanity, but the deluge of news, information and sometimes conflicting viewpoints can leave us feeling frustrated and unsure of what we can do personally to help the planet and ourselves. In this exhibition, we hope to cut through the noise with some facts, some fun and some practical ideas about things you can do which will not only help to mitigate climate change but also save you money.

Students taking the Climate Change and Society module at the University of Exeter's Penryn Campus have been thinking hard about how to make the facts about climate change accessible to all.

Come and visit their exhibition in the Spring Salon to find out about how your individual actions are linked to the changes in our weather and environment that we are experiencing right here in Cornwall, before making your way upstairs to learn from our 20 exhibitors about practical things you can do.

Small actions really do make a difference – come and find out how.



Here you will have an opportunity to test how much you know about reducing your carbon emissions and to follow a path to see how far you are prepared to go to achieve this.

See what Primary School children think of Climate Change.

Find out what Rotary can do for the community at home and abroad and what you get when you join in the way that suits your timescales – Teamwork and communication skills – opportunities to collaborate and network, you are a member of 30,000 clubs worldwide -New friendships and opportunities - International aid and travel.

Support our latest project to raise money for robotic surgery equipment to make Treliske's brilliant bowel surgery team even better.

Contact our Secretary Anne on

Mob: 07951 566222

Web: <https://www.rotary-ribi.org/clubs/homepage.php?ClubID=1035>



Stand 1

We are re-wilding the Oceans! Come along to find out about the secret superhero of the Ocean, Seagrass! Covering only 0.2% of the seabed but accounting for 10% of the ocean's carbon storage, this blue carbon champion deserves some recognition. Come and join the Ocean Conservation Trust in partnership with LIFE Recreation ReMEDIES to learn about our fantastic conservation project taking place right here in the Southwest. Come explore some Ocean artefacts and get involved with some exciting activities. A great opportunity to get the low-down on the latest project fighting climate change out of sight beneath the waves!

Contact Details:

Mark Parry

Email: mark.parry@oceanconservationtrust.org.



Stand 2

Clean Ocean Sailing (COS) is a well-established and respected organisation taking direct action to improve the marine environment around UK coastlines. In doing so, COS contributes to the creation of a circular economy around marine plastics, striving to raise awareness about the Ocean Crisis and its consequences for local, national and global communities.

We work with volunteers of all ages and backgrounds. So far, we have recovered over 55 tons of marine waste. Our central message is to Refuse, Recover, Reuse, Repurpose and Recycle the marine plastic devastating our marine environments. COS activities are achievable by all, encouraging people from every walk of life to join in and empowering them to make a difference.

Contact Details:

Email: cleanoceansailing@gmail.com

Mob: 07782 370373 or 07496 669407

Web: www.cleanoceansailing.com



**FALMOUTH
HARBOUR**

UK's Atlantic gateway.

Stand 3

Falmouth Harbour Commissioners are a statutory port authority with responsibility for the Inner Harbour at Falmouth Harbour (excluding Falmouth Docks), the Penryn River up as far as Coastlines Wharf, the southern part of the Carrick Roads and a large part of Falmouth Bay.

The Harbour are increasingly working to manage our waters sustainably. In recent years we have started several initiatives aiming to decrease carbon emissions, waste and pollution. Steps have also been taken to increase biodiversity by removing swing moorings that were having a localised impact on the seagrass bed at Flushing and are monitoring regeneration. We are also working with harbour users to identify sensitive seabeds to anchoring to raise awareness and help water users make decisions that protect the environment. We will plan to continue this, and other initiative as per our sustainability plan.

Contact Details

Vicki Spooner

Environment & Quality Systems Manager | Falmouth Harbour

Tel: 01326 213537 | Mob: 07919 985037

Email: eqsm@falmouthharbour.co.uk



Stand 3

From Tresillian and Truro down to Manacle Point off the Lizard, the Fal and Helford is protected for its exceptional marine environment. Extensive mudflats, saltmarsh in the upper reaches give way to Seagrass beds, Maerl, reefs and gravels. A haven for marine life, essential to our life.

Days on the beach, sailing, kayaking or snorkelling, however you like to get out on the water, come and find out how your actions can help to protect it.

Contact Details:

Email: Susan.1.Scott@cornwall.gov.uk

Mob: 07483 359413



Stand 4

Cornwall Council Nature Recovery Team are responsible for leading on Cornwall Council's response to the Ecological Emergency.

The United Kingdom is considered one of the most nature-depleted countries in the world due to historic and consistent declines in species and habitats. But we in Cornwall know how valuable our nature is, from the land to the rivers and seas. The natural environment is foundational to our health, prosperity, identity and heritage. It is globally renowned for its beautiful land and seascapes and boasts a wide range of plants and animals, from the Cornish choughs to the Scilly shrew.

Our aim with the strategy is to protect at least 30% of land, rivers and sea across Cornwall by 2030. It's a strong ambition and we are determined to deliver it. In 2024, we will put forward our proposed Local Nature Recovery Strategy (LNRS), but to develop this we need input from experts and our local community. It is the Government's objective to have 48 strategies across the country to deliver a targeted, coordinated, collaborative approach to nature recovery. We also work across partnerships, project development and investment in nature recovery.

Contact Details:

Alicia Shephard Email: Alicia.Shephard@cornwall.gov.uk



Stand 5

Geothermal Engineering Ltd was founded in 2008 with the aim of developing geothermal heat and power projects. The company acts as both Developer and Operator.

GEL vision: To use 21st century techniques to tap into the ancient resource of Geothermal. GEL has always had a vision to use the geothermal resources beneath our feet, no matter where in the world, for zero carbon electricity, heating and cooling. A company built by a group of like-minded people who believe in sustainability and that geothermal should fill the gap for 24/7 renewable energy production, regardless of the weather. The GEL team mesh together many years of experience with young fresh ideas, which enables innovative, productive, and successful projects.

Contact Details:

Jane Charman, Community Engagement & Education Manager

Tel: +44 1326 331920



Stand 6



Plastic Free Falmouth is a local movement working to reduce single-use plastic pollution in our town. Working together with Surfers Against Sewage and 900+ other communities across the UK, we tackle plastic pollution by stopping the tide of plastic at the source. We work with Falmouth Town Council, Plastic Free Penryn and Mylor, local businesses, community groups, organisations and schools to reduce plastic use, as well as running community cleans and other events. Originally founded

by Kirstie Edwards, now Major of Falmouth, we gained Plastic Free Status for Falmouth in 2018. We focus on re-use and re-fill and waste reduction as solutions to the plastic crisis. We are looking for more volunteers, so if you want to get involved please do come say hello!

Contact Details: Plasticfreefalmouth@hotmail.com

Instagram: https://www.instagram.com/plasticfreefalmouth_official/

Facebook: <https://www.facebook.com/plasticfreefalmouth>

Website: <https://www.plasticfreefalmouth.org/>



Stand 7

We are a group of volunteers encouraging local community action on resource depletion, environmental protection and climate change and working towards a low carbon and circular economy. Part of the international Transition Network, we launched in 2006 and continue to encourage and promote local community initiatives addressing the Climate Emergency, including our Local Food and Circular Economy projects. Please join us! “Live lightly on this world as we only have the one. We are aiming for right livelihoods and creative solutions. Keep it local and simple; appropriate and as gentle as can be.” – Kate O, TF Veteran



Contact Details:

web: <https://transitionfalmouth.org.uk>

social media: <https://linktr.ee/transitionfalmouth>



Fal Energy Partnership

Member based group aiming to address climate change by increasing local energy resilience and ownership. Our current focus is on energy saving tips and Green Homes. Please join us!



web: <https://falenergy.co.uk>

social media: <https://linktr.ee/falenergypartnership>



**Falmouth
LETS**

Falmouth LETS

Member based Mutual Credit system keeping skills and resources circulating locally via online transactions using a local currency. Running since 1994. the LETS group is run by and for local people creating wealth that stays in the area. It puts people in touch with a real world social network and a broad variety of resources & skills. Everybody has skills and someone out there needs yours!



web: <https://falmouthlets.uk>

social media: <https://linktr.ee/falmouthlets>



Stand 8

Farm Net Zero is a major project from the farming community in Cornwall to show the contribution that agriculture can make to achieving Net Zero.

Alongside the farming community, organisations contributing to the delivery of the project include the Duchy College Rural Business School, the Farm Carbon Toolkit, Westcountry Rivers Trust, Innovative Farmers, Innovation for Agriculture and Just Farmers. The project is managed by Cornwall College and funded by the National Lottery Community Fund from January 2021 for five years.

Contact Details

Hannah Jones

Email: hannah.jones@farmcarbontoolkit.org.uk

Mob: 07708 350138



Stand 9

Carbon Savvy *helping you on the journey, reducing your carbon footprint and improving quality of life.*

We support individuals and organisations on the path to net zero with simple, positive information on the biggest, easiest actions you can take to reduce your carbon footprint. Our range of Carbon Footprint calculators are simple and easy to use, helping you measure your carbon footprint and consider options for reducing it.

The good news is that most actions that save CO₂ also increase quality of life, health and wellbeing, and they can save money too. We believe that life in the low carbon future will be far better than today, with cleaner air and water, and a more affluent, healthy and connected society.

Established in 2020 by founding director Mukti Mitchell who has 25 years of experience in carbon foot printing and low-carbon lifestyles.

Contact: info@carbonsavvy.uk
www.carbonsavvy.uk
www.calculator.carbonsavvy.uk



**COMMUNITY
ENERGY PLUS**

Stand 10

Community Energy Plus is a local energy charity based in Truro. For over 20 years we have worked in partnership with a wide range of public, private and third sector organisations to support a variety of innovative projects relating to energy efficiency and renewable energy including community ownership models. We provide advice on energy efficiency and renewable technologies to promote the uptake of and accessibility of carbon reduction home improvements.

We are currently a partner in the Far South West Retrofit Consortium, offering expert and independent advice free of charge on how to make your home more energy efficient and reduce your carbon footprint. If you want to find out more, we are happy to offer advice on renewable energy technologies, heat pumps, insulation, battery storage and electric vehicles including potential payback periods, installers and carbon savings for your house.

Contact details
Email: Advice@cep.org.uk
Tel: 0800 954 1956



Stand 11

Falmouth Town Council has committed to becoming Carbon Neutral across its estate by 2030. We want to work with our local community across the whole town to create a safer, cleaner and greener environment.

Contact Details:

Karen Hall

Strategic Environmental Officer

Mobile – 07483 055 811



Stand 12

The Environment Agency were established to protect and improve the environment. Many of these challenges will be exacerbated by climate change. At the Environment Agency we have made our own commitment to achieve net zero by 2030 and recognise the important role we'll play in enabling society to meet emissions targets through our regulation and advice in key sectors including industry, water, waste and agriculture.

We also help manage the current and future risks that we face such as water availability, be it too much or too little. On this topic we will be able to provide information on actions we are taking in Falmouth to better understand the risk of flooding and help enable a more resilient community.

Contact details:

Tom Eddy

Email: Thomas.eddy@environment-agency.gov.uk



Stand 13

Managing Cornwall's waste effectively and responsibly is critical, both for the community and the environment. SUEZ recycling and recovery UK works in partnership with Cornwall Council under a 30 year contract to bring innovative solutions to managing Cornwall's household waste and recycling. Through investment in services and facilities, our team works to boost re-use, recycling, and composting. We treat the waste that's left over at the Cornwall energy recovery centre in St Dennis, which generates enough electricity to power 21,000 thousand homes.

Our visitor centres at the Cornwall energy recovery centre and the Bodmin materials recycling facility welcome guided tours and educational visits from schools, universities and local interest groups interested in finding out more about Cornwall's waste and recycling methods.

Contact Details:

Sarah Cotton, Education and Community Officer (Cornwall)

Email: sarah.cotton@suez.com

Mob: 07581019628



Stand 14

Looking after our water will be a key priority in the future, whether it is us using it more carefully, ensuring that rainwater goes into the ground and not into the sewer or making sure that only proper things go into the sewer. No wet wipes, plastic of any kind, fat, oils paints etc. This stand will show videos of how we can best achieve these things.

Contact Details:

Charlotte Bacon, Community Engagement Officer

Mob: 07917 790942



Cornwall
Wildlife Trust

Stands 15 & 16

Cornwall Wildlife Trust is showcasing how we monitor carbon emissions, and how wildlife can help mitigate against climate change, focusing on beaver created wetlands. We will also discuss our upcoming wild beaver release plans and explain how you can get involved in our series of consultation events happening across the local area.

Emissions Reduction

In common with all the Wildlife Trusts in the UK, Cornwall Wildlife Trust is working to achieve net zero Carbon Emissions by 2030.

Since 2019, we have been measuring our greenhouse gas emissions annually. With this evidence-led approach, we can focus on areas of highest emissions, particularly in our operations, and put in place measures to reduce these.

Examples of areas we are focusing on are: fuel used by our fleet vehicles; staff commuting; energy efficiency and supply in our offices; and our supply chain.

Beaver reintroduction as a nature-based solution

Nature-based solutions are an important strategy in combatting against the effects of climate change.

They can help with emissions reductions, flood mitigation, improving biodiversity, as well as other associated benefits for local communities (including health and wellbeing, cultural and economic benefits).

Beavers were once present across England but went extinct, nationally, due to hunting pressures.

In the UK we have lost 90% of our wetland habitats, due to habitat loss and draining land for agriculture and developments. Beavers can provide a nature-based solution by building dams and creating wetland habitat. They can help to restore areas of degraded and fragmented habitat into vibrant ecosystems.

Cornwall Wildlife Trust are exploring the possibilities of bringing beavers back to Cornish river systems, focussing around our Helman Tor nature reserve complex.

Contact details:

For more information on our planned **beaver release project** contact Lauren Jasper (lauren.jasper@cornwallwildlifetrust.org.uk)

For more information about Cornwall Wildlife Trust **emissions reductions** contact Pip Cook (pip.cook@cornwallwildlifetrust.org.uk).



Stand 17

To achieve the ambition of becoming a Carbon Neutral Cornwall, we need everyone to act now and consider what they can do to reduce their impact on the planet. We all need to take action at home, in the workplace, and across Cornwall as a whole to help reduce our carbon emissions. The action we take will help our environment, and it could help save money too.

Come along and hear about the Carbon Neutral Cornwall, Action Plan and what Cornwall Council is doing to become carbon neutral by 2030. Tell us what you are doing, or what you can do to support Cornwall on its carbon neutral journey. Inspire others with your actions or planned actions and hear what others are doing.

Contact Details:

Jo Banks

Email: climatechange@cornwall.gov.uk

Mob: 07565 203591



Stand 18

ShelterBox exists to ensure no one is without shelter after disaster. We often work in places that others don't, making sure that we reach families who need support to take the next step in resuming their livelihoods.

We provide shelter, essential items and technical assistance to help some of the world's most vulnerable people recover and rebuild their homes after disaster. We listen and adapt our support to the needs of each community, working together with those affected by disaster, alongside our supporters and partners.

From Cameroon to Syria, all the way to the Philippines and the Caribbean, ShelterBox has provided shelter to over 2.5 million people so far.

We won't stop until we see a world where no family goes without shelter after disaster.

Contact details:

Jenn Sandiford, Volunteer Engagement Officer,

Email@ Jennifersandiford@shelterbox.org

PRESENTATIONS IN THE THEATRE FRIDAY 8th MARCH

The Theatre is featuring presentations on how climate change affects: the oceans, the fishing industry, coastal erosion, freshwater systems, animal agriculture and food systems.

The presentations will talk about the effect of climate change in the past and now. It will include film clips and interactive discussion and go on to explore different solutions.

TIMETABLE

10:00 - 10:30	The Oceans	Led by Hayley Hill and using clips from Cornwall Climate Care's first film, 'Under the Surface', the effects of climate change on our ocean wildlife will be explored as well as looking at innovative solutions being used by Cornish companies to fight the effects of climate change and keep our oceans healthy for generations to come.
11:00 - 11:30		
12:00 - 12:30		
13:00 - 13:30		
14.00 – 14:30	Freshwater Systems	Cornwall Climate Care's film 'Down the Drain' provides an insight into the problems faced by Cornwall's freshwater systems in the face of climate change, as well as potential solutions aiming to reduce the impacts and keep this important part of Cornish life healthy. Clips will be used to illustrate these problems and solutions during the works.

The presentations on the Oceans and Freshwater Systems are primarily aimed at Primary School children from schools that will be attending on the day. Other visitors are welcome to attend, but the organisers ask that they try to be seated before the start of the presentation to minimise disturbance.

We are very grateful to Hayley Hill of Cornwall Climate Care, who will be leading these sessions, for her contribution to this debate. All workshops will end with an interactive discussion about what people of all ages can do to reduce their impact on the planet by taking simple steps in their everyday lives. Lots of little actions add up to make big change!

PRESENTATIONS IN THE THEATRE SATURDAY 9th MARCH

Today different organisations will talk about how they are planning to reduce carbon emissions and their energy usage. Each presentation will be followed by question and answer sessions, so this is a great opportunity to get your views heard.

TIMETABLE

- 10:15 Cornwall's Local Area Energy Plan - Councillor Martyn Alvey, Environment Lead for Cornwall Council, will talk about the Local Area Energy Plan
- 11:00 Farm Net Zero - Hannah Jones will be presenting how farmers are reacting to the need to cut carbon dioxide and methane gas emissions and are working out how to store carbon in reasonable quantities.
- 12.00 Show me the money! - How to move the dial on our ecological and climate emergencies.
An MMT perspective on ecological economics in the UK context from Tamsyn Widdon, MSc student of Ecological Economics and Cornwall Council committee member for Economic Growth and Audit.
Think Economics isn't for you? Economists have been getting a lot wrong for such a long time. Tamsyn would like to show you why, by changing assumptions and challenging accepted clichés you can help unblock age-old arguments against radical change for people and planet.

An economics lesson, where you get to laugh and leave feeling hopeful!

13:00 –
16:00



Climate change is a complex problem that affects us all. Join us in a Climate Fresk workshop to learn about our climate system, how it is changing, and what this means for our world. The workshop involves a fun, collaborative card game. It will guide you through the most respected scientific reports on climate change from the Intergovernmental Panel on Climate Change (IPCC), the global authority on climate science.

This educational game was developed by the educator Cédric Ringenbach and the Climate Fresk Non-Governmental Organisation (NGO). It began this mission in France and is now active in over 150 countries around the world. Over 1 million people have participated in a Climate Fresk, which is available in 45 languages and facilitated by more than 70,000 volunteers worldwide.

Numbers may be limited, so please register for this Climate Fresk at <https://forms.office.com/e/LKfJu4uB1q>