

**Rotary**  
Club of Falmouth



*This EXHIBITION ON  
CARBON REDUCTION  
and  
THE ENVIRONMENT*

*SHOWS WHAT IS INVOLVED IN  
REACHING NET ZERO AND HOW  
YOU CAN HELP.*

*KEEP THIS USEFUL BOOK HANDY*

PRINCESS PAVILION FALMOUTH 3<sup>RD</sup>/4<sup>TH</sup> FEBRUARY 2023

# Introduction

Welcome to this exhibition which shows you how to reduce your carbon footprint and help look after our environment. 2022 was the year when Climate Change made itself felt to many of us not only because of the extreme cold, floods and heat that we experienced but also for the major calamities in the rest of the world. One third of Pakistan flooded, major wildfires in Australia and elsewhere and the 'Arctic Bomb' which has done so much damage in America.

But what can I do you may well ask. It is true that the major decisions will be made by Governments, Businesses and other institutions but a programme on Radio 4 quoted a reliable study which said that as individuals we could reduce carbon emissions by 27% over 10 years. The 6 actions suggested were

1. Eat green - more plant-based food and less meat (not none)
2. Dress Retro - There are some great second-hand clothes available today
3. Holiday local - Less flying (not none)
4. Disposable technology - Keep it for 7 years
5. Use renewable energy - Get renewable electricity, electric bikes & engines
6. Travel naturally

Have a look around the Exhibition, talk to the stand holders and see what you can do to help over the next 10 years.

John Pearce  
Project Leader  
Rotary Club of Falmouth

## LIST OF EXHIBITORS

<b>Stand</b>	<b>Exhibitor</b>	<b>Page</b>
1	Fal & Helford Marine Protected Area	4
2	Forest for Cornwall	4
3	Nature Recovery	4
4	Trident Plumbing, Heating & Electrical	5
5	Suez	5
6	Southwest Water	6
7	Environment Agency	6
8	Cornwall Wildlife Trust	7
9	Life Recreation ReMEDIES	7
10	Falmouth Town Council	8
11	Falmouth Harbour Commissioners	8
12	Geothermal Engineering Ltd.	9
13	Kensa Heat Pumps	9
14	Cornwall Marine Network	10
15	Clean Ocean Sailing	10
16	Rotary Club of Falmouth	11
17	Eco –friendly outboards	11
18	Community Energy Plus	11
19	Transition Falmouth	12
20	Thermal Imaging for Falmouth	12
21	Farm Net Zero	13
22	Building for Humanity	13
23	One bag Beach clean (Friday)	14
23	Cornish Butterfly Conservation (Saturday)	14
24	Carbon Neutral Cornwall, Cornwall Council	15
25	TEVI	15

### OUTSIDE

All Electric NISSAN From Hawkins Motors Ltd.



### Stand 1

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](mailto:Susan.1.Scott@cornwall.gov.uk)

Mob: 07483 359413



### Stand 2

Forest for Cornwall -Empowering people to take action to tackle the Climate and ecological crisis  
Forest for Cornwall provides advice, guidance and access to funding for landowners, farmers, businesses, communities, schools, parish and town councils to collectively increase the tree cover across Cornwall by 8,000ha of new trees and woodlands by 2030. As part of the event we will be giving away 100 native trees for people to plant in their back gardens.

Contact Details:

Web: [forestforcornwall@cornwall.gov.uk](mailto:forestforcornwall@cornwall.gov.uk)



### Stand 3

“Cornwall and the Isles of Scilly are globally renowned for our natural beauty and sense of place. When nature is well balanced it helps regulate the climate, and create strong, resilient communities. But sadly, nature in Cornwall is under threat - almost entirely because of human activity. The Nature Recovery team lead Cornwall Council’s strategic response to the challenges that nature faces. We develop strategy and policy, and facilitate nature recovery through funding, research, engagement and project delivery. We believe there is a bright future for nature in Cornwall and together with partners, we are working to ensure that nature is not just protected but has a chance to recover and grow.”

Contact Details:

Email: [Dougie.Handford@Cornwall.gov.uk](mailto:Dougie.Handford@Cornwall.gov.uk)



#### STAND 4

Trident Plumbing Heating & Electrical Services Ltd are based in Falmouth and are passionate about building a sustainable Cornwall. Trident has over 20 years' experience of delivering plumbing, heating, renewable technologies, electrical and bathroom installations throughout Cornwall.

Renewable Services Include:

- Complete survey, design and installation package of Air source heat pumps, Ground source heat pump systems, Solar thermal systems for hot water and heating and Solar PV
- Servicing of renewable technology systems
- Unvented and open vented thermal store cylinders and heat banks
- Under-floor heating systems
- Rainwater harvesting
- Support and advice for gaining the government Grants
- Free and without obligation quotes

Contact details:

Tel: 01326 218734

Email: [info@tridentcornwall.co.uk](mailto:info@tridentcornwall.co.uk)



#### Stand 5

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](mailto:sarah.cotton@suez.com)

Mob: 07581019628



## Stand 6

Southwest Water is the water and wastewater service provider for a population of c. 1.8 million. As a business so closely associated with the environment, we are very aware of our environmental impact and obligations. We recognise that the abstraction, treatment and delivery of drinking water, and the removal and safe disposal of waste water all have implications for river and sea water quality. We appreciate that the energy used to carry out these processes has implications for carbon levels and pollution, and we understand that the scale of our operations brings with it a scale of responsibility in how we manage our workforce and operational activities. For us environmental sustainability spans not only the practice of meeting environmental standards but also the drive to find new ways of working that deliver better environmental outcomes.

Contact Details:

Charlotte Bacon, Community Engagement Officer  
Mob: 07917 790942



## Stand 7

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](mailto:Thomas.eddy@environment-agency.gov.uk)



SEEDING CHANGE TOGETHER

## Stand 8

### Blue Carbon

Leading the Seeding Change Together seagrass restoration project funded by Seasalt Clothing. This is a 3-year funded project to conduct small-scale seagrass restoration trials on intertidal *Zostera noltii* (dwarf eelgrass) to assess and identify viable low cost restoration methods. The long term objective is to identify an effective low-cost, replicable restoration method that can be used to scale up intertidal dwarf eelgrass restoration overtime using local marine groups to restore historical dwarf eelgrass beds around Cornwall.

Contact Details:

Sophie Pipe, Seagrass Project Officer, Cornwall Wildlife Trust.

Email: [Sophie.Pipe@cornwallwildlifetrust.org.uk](mailto:Sophie.Pipe@cornwallwildlifetrust.org.uk)



### Carbon Sequestration and Natural Flood Management in wetlands

Home of Cornwall's first beavers! Cornwall Beaver Project is now over 5 years old and in that time the beavers handywork has been breathtaking. The impacts of the beavers on water quantity and quality are being monitored by University of Exeter researchers who have had equipment on site for well over a year prior to the release of beavers. Some biodiversity monitoring is also being carried out including habitats, amphibians, bats, some invertebrate groups and fish. The potential to alleviate flooding is particularly important since the site is situated upstream of Ladock, a village increasingly affected by flooding.

Contact Details:

Tom Shelley, Conservation Manager, Cornwall Wildlife Trust

Email: [Tom.Shelley@cornwallwildlifetrust.org.uk](mailto:Tom.Shelley@cornwallwildlifetrust.org.uk)



**CORNWALL  
GOOD  
SEAFOOD  
GUIDE**

### Sustainable Fisheries

Cornwall Good Seafood Guide is a resource allowing people to make informed choices regarding their seafood consumption. We encourage buying locally and sustainably caught fish species in Cornwall, with low carbon emissions.

Contact Details:

Sarah Morcom, Fisheries Liaison and Marine Business Advisor Cornwall Wildlife Trust

Email: [Sarah.Morcom@Cornwallwildlifetrust.org.com](mailto:Sarah.Morcom@Cornwallwildlifetrust.org.com)



## Stand 9:

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:

Esther Farrant

Email: [esther.farrant@oceanconservationtrust.org](mailto:esther.farrant@oceanconservationtrust.org)



**Stand 10**

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



**FALMOUTH  
HARBOUR**

UK's Atlantic gateway.

**Stand 11**

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](mailto:eqsm@falmouthharbour.co.uk)





### Stand 12

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 13

Building ground source heat pumps (GSHPs) in Cornwall since 1999, Kensa Heat Pumps is the leading manufacturer and supplier of GSHPs in the UK. With an award-winning product range, capable of efficiently delivering heating and hot water, you can future-proof your home with our renewable heating solutions. Kensa is perfectly placed to help with your project needs. All of our products are engineered with the British home in mind, allowing for simple installation and minimal maintenance. With a UK wide network of approved installation partners, and our dedicated technical support team Kensa offer expert guidance on your installation and provide robust after-care.

Contact details

Tel: 01872 862140

Email: [enquiries@thekensagroup.com](mailto:enquiries@thekensagroup.com)

Web: [www.kensaheatpumps.com](http://www.kensaheatpumps.com)



#### Stand 14

Cornwall Marine Network supports local marine businesses to grow. We talk to our members to understand the barriers they face in growing their business, and use this evidence of demand from across the local marine sector to overcome these obstacles and provide support to help them improve productivity, process and product innovations, new skills and training, and digital marketing advice. CMN is highly committed to the sustainability agenda which cuts across the marine sector and, in partnership with the Maritime Skills Commission, is championing the development and deployment of the Green Skills Project nationally with local and online short courses and training in sustainability now also available.

Contact Details:

Tel: 01326 211382

Email: [greenskills@cornwallmarine.net](mailto:greenskills@cornwallmarine.net)

Website: [www.cornwallmarine.net](http://www.cornwallmarine.net)



#### Stand 15

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](mailto:cleanoceansailing@gmail.com)

Mob: 07782 370373 or 07496 669407

Web: [www.cleanoceansailing.com](http://www.cleanoceansailing.com)



## Stand 16

We have been serving the Community of Falmouth and its surrounding area, Constantine, Mawnan Smith, Flushing, for over 100 years. Our members are drawn from all walks of life We support young people through our schools programs, reading, tech tournaments: older people through personal support, Memory café, Many local charities and have made major contributions to communities abroad to improve water supply and sanitation. To find out more and how you can join us visit stand 16

Contact our Secretary Anne on

Mob: 07951 566222

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

## ECO-FRIENDLY OUTBOARDS **Stand 17**



Based in Penryn, we are Cornwall's leading supplier of sustainable eco-friendly outboards for small boats and day-sailors from Epropulsion, featuring the latest hydrogeneration capabilities, along with electric motors for kayaks and SUPs, powerful long range electric outboards, space-saving and efficient electric inboards and custom builds for boat builders. Together these solutions are a highly reliable and growingly affordable step to greener boating. Offering minimal harm to the environment and the oceans through clean, quiet, maintenance free motoring. Our most popular product the Spirit 1.0 Plus offers 1kW of power and up to 5 hours of range, this has the equivalent power output of a 3hp petrol engine.

Contact Details:

Web: [www.ecofriendlyoutboards.com](http://www.ecofriendlyoutboards.com)

Email: [alex.hudd@charityandtaylor.com](mailto:alex.hudd@charityandtaylor.com)

Tel: 01326 653105

Charity & Taylor Ltd, Waterside House, Falmouth Rd, Penryn, Cornwall, TR108BE



**COMMUNITY  
ENERGY PLUS**

## Stand 18

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 delivering the Sustainable Homes Advice Cornwall project, 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](mailto:Advice@cep.org.uk)

Tel: 0800 954 1956



### Stand 19

Encouraging local community action on resource depletion, environmental protection and climate change and working towards a low carbon and circular economy.

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



Fal Energy Partnership

Member based group aiming to address climate change by increasing local energy resilience and ownership.



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



Falmouth LETS

Member based Mutual Credit system keeping skills and resources circulating locally via online transactions using a local currency. Running since 1994

Web <http://falmouthlets.org.uk>



SoLOOtion Focused

Information and promotion of practical solutions such as compost toilets and waterless systems to tackle water scarcity, depleted soils and sewage spills

web: <https://sfocused.uk>



### Stand 20 Thermal Imaging for Falmouth

Transition Falmouth is leading a discussion of the possibilities of using Thermal Imaging to show where houses in Falmouth are losing energy. Pictures will show how this works and others will be present to show the wide-ranging possibilities for Carbon Reduction



## Stand 21

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 deliver 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](mailto:hannah.jones@farmcarbontoolkit.org.uk)

Mob: 07708 350138



## Stand 22

We are a not-for-profit organisation that provides heating and insulation measures, fully funded. Our company uses the energy obligation scheme, which helps reduce energy bills as well as upgrading people's homes.

You can obtain funding if you are working or are in receipt of benefits.

We have installed measures in over 3,000 homes in Cornwall

The measures we can offer are:

- Loft insulation
- Internal wall insulation
- Room in roof insulation
- Air source heat pumps
- First time central heating
- Solar Panels

We are registered with Trustmark as an approved installer allowing our fully trained installers to carry out work.

### Contact Details:

Tel: 01209 311722



### Stand 23 (Friday)

One Bag Beach Clean is a local community beach cleaning group with 35 regular volunteers based on the Helford River. This was set up 5 years ago to try to encourage people to pick up a bag of rubbish when out walking.

The group also runs Plastic Free Helford River, part of the Surfers against Sewage plastic free communities project. We encourage both local businesses and the general public to reduce their use of single use plastic.

Contact Details:

Carol Hurst

Email: [onebagbeachclean@gmail.com](mailto:onebagbeachclean@gmail.com)

Mob: 07818 063880



**Butterfly  
Conservation**

### Stand 23 (Saturday)

76% of butterflies have declined in abundance or distribution since 1976. Butterflies and moths are sensitive indicators of the health of our environment.

Our new organisational strategy defines out priorities over the next year as we continue to drive progress towards a world where butterflies and moths can thrive.

Contact Details:

Susan Allen

Email: [susanallen1953@yahoo.co.uk](mailto:susanallen1953@yahoo.co.uk)



## Stand 24

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:

Beverly Hill

Email: [BeverlyHill@cornwall.gov.uk](mailto:BeverlyHill@cornwall.gov.uk)

Mob: 07800 610688



## Stand 25

Tevi (Cornish for 'grow') is a unique and exciting EU-funded venture which aims to do two things, simultaneously: create both economic and environmental growth in Cornwall and the Isles of Scilly.

The initiative, which will continue until June 30th 2023, provides small and medium-sized enterprises across the county with expert consultation, opportunities for recognition and certification, and grant funding. We want to help enterprises make the most of the prized asset upon which they rely – our beautiful natural environment – by helping them grow their business.

Tevi supports enterprises to become more efficient with their natural resource use and to minimise their waste in smart and innovative ways as part of the global transition towards a circular economy. The work is led by the University of Exeter and is delivered in partnership with the Cornwall Wildlife Trust and Cornwall Council.

Contact Details:

Ben Roswell

Email: [B.Rowswell@exeter.ac.uk](mailto:B.Rowswell@exeter.ac.uk)

Mob: 07871 030 825

## Presentation Schedule

Presentations in the Restaurant

FRIDAY 3<sup>rd</sup> February

- 10.30 Cllr Martyn Alvey Environment lead for Cornwall Council
- 11.00 Fal and Helford Marine Protected Area
- 11.30 Forest for Cornwall
- 12:00 Cornwall Climate Care Film 'Down the Drain'
- 13.30 Falmouth Harbour Commissioners
- 14.00 Cornwall Climate Care Film 'Under the Sea'
- 14.30 Farm Net Zero

SATURDAY 4<sup>th</sup> February

- 10.00 Cornwall Wildlife Trust Sophie Pipe: Seagrass
- 10.30 Thermo Imaging for Falmouth
- 11.00 Justin Olosunde FLOW Exeter University
- 11.30 Dougie Handford Forest for Cornwall
- 12.00 Chris Jones: Cornwall Beaver Project
- 13.30 Falmouth Harbour Commissioners
- 14.00 Fal and Helford Marine Protected Area
- 14.30 Farm Net Zero

We would like to give our sincere thanks to the following organisations for their financial support which has made this Exhibition possible

Cornwall Council

Falmouth Town Council

Fal and Helford Marine Protected Area

Falmouth Harbour Commissioners