

The Chacewater
Community Energy Group
2023 Souvenir

Energy Show Guide

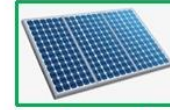
As a power-point booklet
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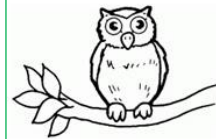
Energy Show

Sat 15th July
11am - 5pm



**Chacewater Village Hall,
& Recreation Green
Free Souvenir Show Guide**

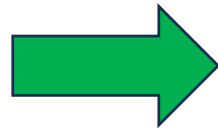
**30+ Exhibitors, Free Entry
Green Energy, Nature Recovery,
Electric Vehicles, Electric Bikes
Be a wise OWL: One World Living**



*The future is here, the world is too hot, come
and ask questions: Lithium, Bio-methane for
homes, tractors, HGVs, Geothermal Project,
Green hydrogen, off-shore wind, district
heating, PV, retro-fitting, EVs, V2G, Smart Grids,
charge points, ULEV, TMFA(!) energy storage, solar
thermal, heat pumps, **Climate Conversations.**
Local pasties. Local Cider.*

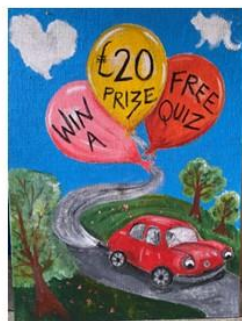
Lovely teas and real organic coffee.

**Claim your free copy of the Stithians Energy Group's
“Climate Change Explained” book. “Worth £5!”** Page 1



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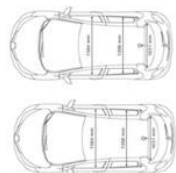
Plan of stands in the village hall



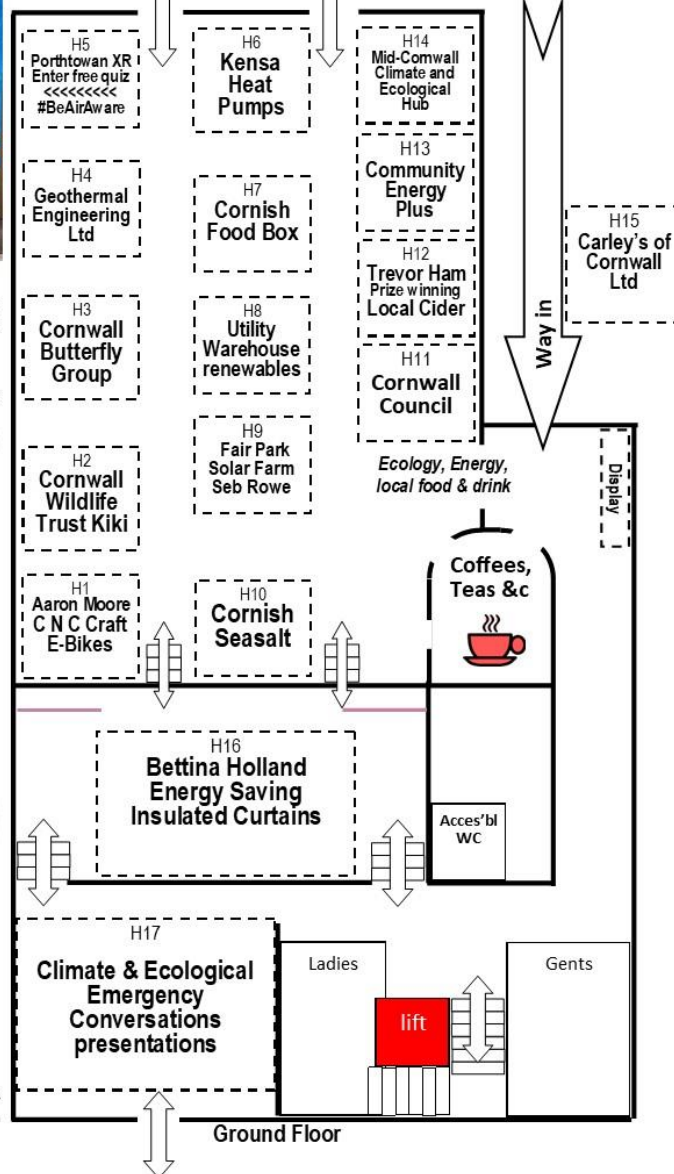
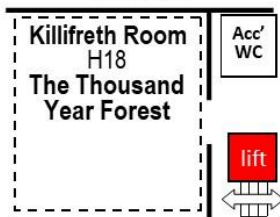
** FREE QUIZ **

How many average balloons will an average car's exhaust fill while idling in 1 minute? Have a guess! Best guess wins £20. (Leave your name and number or email on a raffle ticket with your guess) There really is no catch! All correct guesses in a hat to draw a lucky winner.

E Parking for exhibitors in the hall on the Millennium Green



First Floor



Ground Floor

KEEP CALM AND PLANT TREES!

Thousand Year Forest Robin Hanbury-Tennison **Village Hall stand H18 Killifreth Cornwall Butterfly Conservation** As part of our national strategy for Saving Butterflies and Moths, Cornwall Butterfly Conservation are working on a landscape scale project across the Cornish Mining World Heritage Site. Initially we are focussing on the Gwennap Mining District and the Camborne and Redruth District. Vital to our efforts is to connect people to nature and uniting for wildlife. www.cornwall-butterfly-conservation.org.uk Sue Allen



Village Hall Stand H3

Silver-studded Blue - Plebejus argus



Cornwall Wildlife Trust

Stay in touch with Cornwall Wildlife Trust in your area. Find us on Twitter, Facebook, YouTube and Instagram. Cornwall Wildlife Trust, Five Acres, Allet, Truro, Cornwall, TR49DJ. Tel: 01872 302240, come and meet Kiki

Email: Rowan.Hartgroves@cornwallwildlifetrust.org.uk **Village Hall Stand H2**

Geothermal Engineering Ltd Jane Charman Village Hall Stand H3
Porthtown XR (Free Prize Quiz) Village Hall Stand H5

C N C Craft E-Bikes, Aaron Moore 07805 686188 Conleigh, Skinners Bottom, TR15 5DY
How to convert bikes to electric.

Community Energy Plus Village Hall Stand H1

Fair Park Solar Farm Seb Rowe Village Hall Stand H13

Trevor Ham Farmhouse Cider, 07922 767070 Baldhu – award winning Cornish Ciders, made in Chacewater Village Hall Stand H9

Cornwall Council Environment & Connectivity, Sustainable Growth & Develop't H11



Cornish Sea Salt Ocean House, Lower Quay, Gweek, Helston, Cornwall TR12 6UD Village Hall Stand H10

Cornish Food Box Co 01872 211533 sales@thecornishfoodboxcompany.co.uk Choose ethical, sustainable, delicious food for your food shopping. Amazing quality Cornish food & drink delivered UK wide from over 100 farmers and producers. Plastic free packaging. Lucy



Village Hall Stand H7

Carley's Carley's of Cornwall, Great Wheal Daniel, Station Road, Chacewater, TR4 8FP, 01872 560831, 07966 750515, organic nut butters made using renewable energy. Special show prices. Cathy Village Hall Stand H15

Bettina Holland, Textile Artist/Seamstress, Sparry Farm, Sparry Bottom, Carharrack, Redruth, TR16 5SH email: bettinaholland1@gmail.com. On the hall stage. Tel: 01209 822631 or 07875 751093 Village Hall Stand H16

"I make curtains, repair curtains, alter curtains and can even 'patch' curtains. Encouraging the re-use of pre-loved fabrics with new interlining and lining for improved insulation at the windows of your home. Plus: Draught excluders made up for use at doors and windows. Again recycling fabric from a local charity organisation. All washed and upcycled to a high standard."

Two practical demonstrations in the day. Times shown on stand.

Mid-Cornwall Climate and Ecological Hub Jackie Dash 20 mins presentation plus Q&As in room H17 Climate conversations Village Hall Stand H14 Page 3

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Fossils belong in museums not engines! *Doing something about the Climate Emergency*



Local dealers Dales, Wheal Rose, Scorrier, TR16 5BX 01209 823566
Here at Dales Scorrier, we are proud to bring our incredible range of electric cars to the community of Cornwall, including the Vauxhall Mokka-e and Corsa-e, Combo E and Vivaro E Vans as well as the amazing Renault Zoe and the new Renault EV Megane plus THE CU-PRA Born - with outstanding offers to be had across both brands! Offering a more sustainable way to drive, electric is the future - empowering drivers everywhere to do their bit for the environment, while making huge savings



on fuel, road tax and maintenance costs! To find out more, contact our friendly Dales Renault team on 01209 821133 - or alternatively, enquire about our Vauxhall cars on 01872 226500. You can also reach us via our



website www.dalescornwall.co.uk - and we'll help find the car for you!

Recreation Ground Stand D5 E5 F5

MOKKA-E



Available in stock

CUPRA BORN



CO₂: 0/km



Range: 267 miles



Gross Vehicle Weight:
3100kg (50kWh battery)
3025kg (75kWh battery)



Vehicle Length: 4959mm

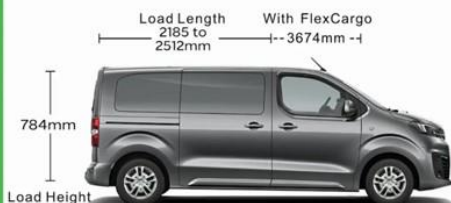


Transmission: Auto Electric



Payload:
1226kg (50kWh battery)
1000kg (75kWh battery)

VIVARO ELECTRIC VAN



Load Length
2185 to 2512mm
With FlexCargo
3674mm -4

784mm
Load Height

There is no Planet B!! *** Doing Something About The Climate Emergency*

NSN Electrical

Joss Sullivan-Norcliffe, Katie Spurgeon
contact@nsnelectrical.co.uk
Unit 5g, Long Rock Industrial Estate Penzance
TR20 8HX
01736 447307



Based in Penzance we are a team of electrical engineers who specialise in electric vehicle charger installations and solar PV systems.

Whether it is for your home or for a commercial site we can provide you with a solution that is tailored to your needs.

We provide free site visits carried out by our estimator and will provide you with a full quote for your job - making sure there are no unwelcome surprises.

We spend time with you to understand what needs to be done, and when you need it done by. This means we can offer solutions that will best suit you. And, if we think there's a better way of doing something, we'll let you know.

Quite simply, we live by our values, delivering the best possible job, when we say we will.

We would love to meet you and answer any questions you may have regarding EV charging or solar PV systems.

01736 447307

Recreation Ground Stand D1



Wheal Kitty Studio, Wheal Kitty, St Agnes, Cornwall, TR5 0RD



Tel: 01872 464178 Steve Barlow, steve@teeltd.co.uk,
07970 595938

Stand C1 TEE Chargers Mr Electric 01872 553898 "Trust Mr. Electric to deliver a full circle service. Mr Electric cares for the Earth and wants to help you preserve the world we live in. As an OZEV-approved installer, we can apply for government grants on behalf of domestic & commercial customers to reduce the cost of installing electric vehicle charging points at your home & business. Working with major manufacturers of electric vehicle charging stations, this local family business will deliver a comprehensive package for all your electrical needs. Email: admin@teeltd.co.uk

#poweringchange



Recreation Ground Stand C1

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KEEP CALM AND PLANT TREES! KEEP CALM AND SAVE WATER!



The Thousand Year Trust,

Restoring British Rainforests. hello@thousandyeartrust.org

We want to re-enchant you with the magic of the British rainforest. Atlantic temperate rainforests are one of the most biologically diverse and important habitats in Britain. Their vibrant conditions help rare plants, lichens, fungi, birds and mammals to thrive. Once covering up to a fifth of the UK, these rainforests are now extremely rare. Over the last few thousand years we have lost over 99% of them due to man-made deforestation. The time to reverse that trend is now.



OUR MISSION To triple the amount of Atlantic temperate rainforest growing across the UK over the next 30 years from the current assessed 330,000 acres to one million acres.

<https://thousandyeartrust.org/>

CLIMATE CHANGE The restoration and expansion of temperate rainforest fixes more CO₂ back into the soil than almost any other kind of ecological activity

ECOSYSTEM SERVICES The high biodiversity potential of temperate rainforests means there is no greater habitat in the UK for returning nature's abundance and full functionality



HUMAN WELLBEING Research shows that a thriving wildlife-rich environment benefits our physical and mental health. Our rainforests are the best environment in which to restore ourselves



Come and meet us in the Killifreth Room of the village hall



ZLC Energy Unit Zero, Heathlands Road, Liskeard, Cornwall, PL14 4DH 01726 390390

E:info@zlcenergy.co.uk

ZLC Energy provide "Solutions for a Changing Climate." We are qualified to install all Renewable Energy and Low Carbon technology for Homeowners, Businesses and Industry alike. So whether you're interested in Heat Pumps, Solar PV, CHP, Energy Storage Systems - or a complimentary mix of them all - we have a solution for you". Picture shows a recent air source heat pump



zlc energy
ZERO LOW CARBON



in an old Chacewater solid wall house, visits can be arranged.

Recreation Ground Stand B2

Page 6

**Remembering Professor Richard Cochrane
The Quiet Revolutionary**



Professor Richard Cochrane
8th May 1974 - 25th May 2023

All of us who knew our dear friend Richard Cochrane have been saddened by his very early death at the age of just 49 years.

In his amazingly full life he fitted in so much, and still had time to inspire a passion for sustainability in all he met.

After a first degree at Clare College Cambridge, Richard went on to found two renewable energy companies.

Richard was a key member of our local university team, lecturing in renewable energy. Much admired by his colleagues and students.

At Chacewater Community Energy we only knew him well in the last few years from his riveting lectures at the university, and at all sorts of renewable energy events across the county. He was regular contributor at our renewable energy events in Chacewater. We will miss his easy charm, and amazing depth of knowledge.

Now he has left us we must all take up that torch and ensure that his vision of a truly sustainable Cornwall becomes a reality. We owe no less to future generations.

Lets keep the momentum going as we achieve the goal of a community powered completely from truly renewable energy.

A founding member of "REACT" the Roseland Environment Action Community Team, one of many groups that owe so much to Richard and will keep his memory alive.

Our thoughts and best wishes are with Richard's family.

"Doesn't everything die at last, and too soon?

Tell me, what is it you plan to do

With your one wild and precious life?"

Mary Oliver

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Keep Calm and Eat Plants, Keep Calm and Plant Trees.



EXTINCTION REBELLION. XRtruro@protonmail.com an international movement that uses non-violent civil disobedience in an attempt to halt mass extinction and minimise the risk of social collapse. Our government is refusing to act, and so we are choosing to rebel to bring about change.

Village Hall Stand H5 We demand that the government:

- 1 Tell the truth and declare a climate emergency
- 2 Reduce carbon emissions to net zero by 2025
- 3 Form a citizen's assembly to decide how to respond to the crisis.



Kensa Heat Pumps Limited, Mount Wellington, Chacewater, TR4 8RJ. Established in Cornwall in 1999, Kensa Heat Pumps is the UK's only dedicated manufacturer of ground source heat pumps (GSHPs) and is the long-established market leader.

Kensa Heat Pumps manufactures the UK's widest range of award-winning ground source heat pumps and accessories, including the small-but-mighty Shoebox and the highly efficient Evo. Combining engineering ingenuity and years of ground source expertise, Kensa provides exceptionally well-designed GSHP systems that out-perform the market. Designed with the British home in mind, Kensa's GSHPs not only save on heating bills but combat air pollution, tackle carbon emissions and steer us away from fossil fuel heating systems. Kensa believes that everyone should benefit from sustainable, efficient, and affordable heating. By continually pioneering innovative systems, Kensa advocates for the wide-scale adoption of GSHPs to help the UK meet 2050 zero-carbon targets. Government recently committed to build back greener with 600,000 heat pumps installed every year by 2028. Kensa is best placed to deliver this ambition. To achieve this vision, Kensa offers unique products for diverse applications with a combination of 5-star technical support, 5-year guarantees and 25-year expected lifetimes, which ensures your home's heating is protected for the life of your heat pump. 0333 2548438 david.billingsley@thekensagroup.com james.standley@thekensagroup.com



Recreation Ground Stand E3 Village Hall stand H5



Geothermal Engineering Ltd (GEL), Unit 3 Gate B, United Downs Ind Est, TR16 5HY, 01326 331920. GEL is pioneering a new renewable energy industry in Cornwall! On the 1st July 2021, Geothermal Engineering made history by being the FIRST developer to successfully bring the naturally hot geothermal fluid to the surface and reinject it underground in the UK, proving that the novel concept of a deep production well and a shallow injection well used at United Downs Industrial Estate works. A 3MW power-plant will start to be constructed in autumn 2023 with electricity being generated onto the national grid by the end of 2024. GEL is now in the process of securing larger sites across Cornwall to produce higher volumes of power and heat 24/7.

Conversations about ways to tackle the climate emergency in village hall Wheal Jane room H17. Jane Charman, Hazel.

Page 8

Village Hall Stand H4

What Do We Want? CLIMATE JUSTICE!!! When do we want it? NOW!!!



**Top Gear
Electric Bikes**



We have a great range of electric bikes in stock from some of the best Brands in the market including Segway, Raleigh, Kalkhoff, Focus, Haibike, Mirider, Corratec, Ezego and Wisper. Come down now and try one yourself. Bike transporter racks: e.g. Thule.

Raleigh Centros Step Through Hub Gear 	2023 Haibike Trekking 4 	Wisper Wayfarer M7
Segway 	Ezego Fold 	Thule

Top Gear Ltd
11 Merchants Wharf,
Commercial Road,
Penryn,
TR10 8AQ
www.topgear.ltd
01326 379200

Enquiries@topgearbikes.co.uk **Recreation Ground Stands A1 & A2**

Join us in Chacewater Community Energy Group. email organic@carleys.co.uk.
Text John Carley on 07966 750515. Peter, Terie, Rob, Paul, Angie, Esther, John
Doing something positive about the climate emergency

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Chacewater Community Energy Group
ENERGY SHOW
 15th July 23

E Parking for
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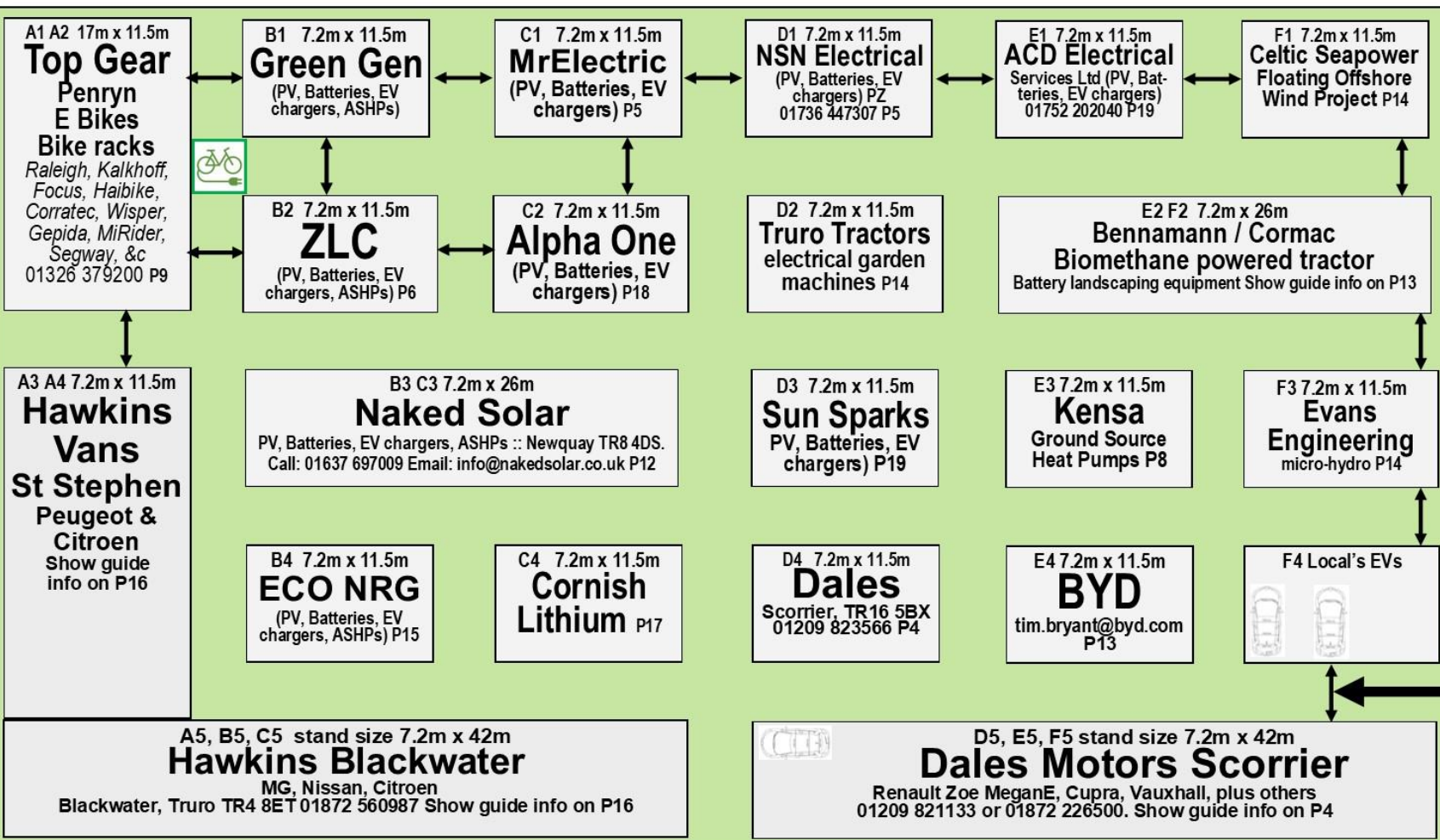
*Chacewater
 Bowling Club*

Exhibitors set up from 08:30 to 10:45
 Drive very slowly with care, narrow path
 Show open 11:00 17:00. No vehicle movements during show
 Exhibitors leave from 17:15 to 19:00



Earth reached
 its hottest
 day ever for
 the third day
 in a row on
**Wednesday
 05/07/23**,
 according to
 one unofficial
 analysis. This
 made the past
 seven days the
 world's hottest
 week on record.
 The latest
 numbers help
 prove "that
 climate
 change is out
 of control,"
 warns UN Sec-
 retary-
 General Anto-
 nio Guterres.
 (07/07/23)
 Euronews
 Green with AP

So just stop
 using fossil
 fuels, use only
 green energy.



Come and join the Chacewater Community
 Energy Group, or your local climate group
 Text 07966 750515

Refreshments: Teas, coffees, pastries, vegan, vegetarian, and traditional pasties &c
CHACEWATER BAKERY (elec from pavilion)
 (Teas and Coffees also available in Village Hall)

This guide printed in Chacewater
 on recycled paper
 P"x" for show guide information

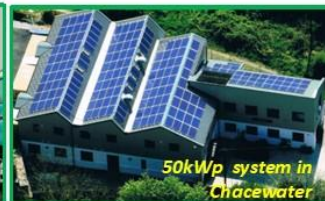
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If not us who? If not now when? ** Doing something about the climate emergency



Our team



Naked Solar

7 Quintdown Business Park, West Road, Newquay TR8 4DS.

Call: 01637 697009 Email: info@naked solar.co.uk

Awarded: South West Installer of the Year 2023 & National Installer of the Year 2022.

Naked Solar has been providing sustainable energy solutions to customers in the UK for over a decade all from its local Head Office in Newquay. The company offers a range of services, including solar installation, battery storage, and EV charging solutions. They are committed to providing their customers with the best possible service and helping them to reduce their carbon footprint. With offices in Newquay, Exeter and Bristol, Naked Solar are well placed to help the South West go solar!



Naked Solar provide first class products to our customers and high-quality solar panels for residential and commercial customers. Our large team of experienced professionals ensures a smooth and hassle-free installation process, taking care of all the necessary permits and paperwork. We are committed to delivering exceptional customer service, from the initial consultation to ongoing support and maintenance. With Naked Solar, you can trust that your solar system will be installed correctly and efficiently, maximising its performance and savings. As part of this we offer our customers a 10 year workmanship warranty on top

SUNPOWER®

Premier Partner

of the manufacturers warranties to give our customers confidence in the solar installer they have selected. Join the renewable energy revolution with Naked Solar and start enjoying the benefits of clean and sustainable power. Pop over to our stand and speak to our friendly team during the show.

Recreation Ground Stand C3
Page 12

TESLA
POWERWALL
CERTIFIED INSTALLER

There is no Planet B!! ** Doing Something About The Climate Emergency

CORSERV FACILITIES



our fleet.

All of our gas vehicles run on biomethane which has been produced locally by Bennamann Ltd. We have worked collaboratively with this Cornish company for several years now and they produce this cleaner renewable



energy source from farm animal waste. It is now our intention to move all vehicles up to 2.4 tonnes to fully electric by 2030. Moving forward we plan to transition all of the larger vehicles in our fleet to 100% ULEV (Ultra Low Emission Vehicles) by 2030.

For advice, guidance please email: info@corservltd.co.uk Or call us on: 0300 1234 003.

Kate Dibble, Matthew Horne, Chris Mann from Bennamann. Bennamann is a highly innovative Cornish company who make liquid and compressed biomethane sourced from slurry lagoons, grass clippings and other organic waste. Our energy products are better than carbon neutral and can be used as a vehicle fuel or for heat and power in our homes and businesses. We'll be installing a biomethane fuelled off-grid EV charger in Chacewater in 2023 and will be showcasing this project as well as our other technologies.

Rec Ground stand E2 See our New Holland Biomethane fuelled tractor on **Rec Ground stand F2**

Bennamann
BENNAMANN LTD



BYD BYD has developed the industry-leading Blade Battery, e-Platform 3.0 and Dual-mode hybrid power technology accelerating the once-in-a-century transition from fossil fuel powered vehicles to electric vehicles. The ATTO 3 is equipped with the all-new BYD e-Platform 3.0 designed exclusively for pure electric vehicles. Giving full play to the advantages of intelligence, efficiency, safety and aesthetics, e-Platform 3.0 aims to promote NEVs' performance in safety and low-temperature driving range as well as improve intelligent driving experiences, to build more efficient and safer new intelligent EVs. 260mi range WLTP combined Tim Bryant email : tim.bryant@byd.com **Recreation Ground Stand E4** **Page 13**



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If not us who? If not now when? ** Doing something about the climate emergency



Cornwall Floating Offshore Wind Accelerator
Working to accelerate offshore wind for the benefit of Cornwall and the wider Celtic Sea region.
enquiries@celticseapower.co.uk 01736 800290

Chi Gallos Office,
Hayle Marine Renewables Business Park,
North Quay, Hayle, Cornwall, TR27 4DD

The Celtic Sea Cluster has set out a clear regional strategy in consultation with a wide-

range of regional stakeholders. This will deliver social and economic benefits to Cornwall, South Wales and the greater South West through working groups on: Supply Chain, Innovation, Workforce, Grid and Ports. The Cluster also provides a hub for regional activity and invites local businesses and stakeholders to sign up for updates on floating offshore wind as it develops.



CORNWALL climatechange@cornwall.gov.uk – or visit https://letstalk.cornwall.gov.uk/hub-page/carbon-neutral-cornwall. We need everyone in Cornwall 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 itself to become carbon neutral by 2030 and what it is doing to help residents reduce their impact (bus fare reductions, EV charge infrastructure, housing retrofit funding and more). Tell us all about what you can do / are doing to support Cornwall on its carbon neutral journey. **Village Hall Stand H11**

Local firm **Truro Tractors**, Cox Hill, Chacewater, 01209 821444, exhibit a wide range of powerful battery electric gardening equipment. Chain saws, leaf blowers, brush



cutters, hedge trimmers, lawn mowers. **New this year: Introducing ATCO's first ever battery-powered ride-on mower, the GT 30e.** Powered by a 48V 40Ah Premium Lithium battery, compact 84cm cutting width, a large 240 litre collector, Multiclip mulching and rear dis-



charge modes. Mulching kit and stand-ard charger included. Up to 60 minutes running time on a single charge. Suitable for areas up to 4000m². Low maintenance. Selling very well, more on order! Suppliers of **Bennamanns's** New Holland Bio-methane tractor email: hort@trurotractors.co.uk **Recreation Ground Stands D2 E2 F2**

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There is no Planet B!! ** Doing Something About The Climate Emergency



Mat Green Business Development Eco Nrg Ltd
Tel: 01548 831890 Mob: 07789 797146
m.green@econrguk.com

Unit 10c New Mills Industrial Estate
Modbury, Ivybridge, Devon, PL21 0TP

Eco Nrg Ltd are local, award-winning experts in the design and installation of bespoke renewable energy systems. They have completed hundreds of installations of Solar



Panels, Air Source Heat Pumps, Vehicle Chargers and Battery systems across the South West of England, working in Plymouth, Exeter, Truro, Bristol and more. With over 50 years combined experience in the renewable energy sector, we're here to make your dreams of a sustainable future, a reality.

They are committed to delivering every part of your project to the highest possible standard, ensuring that every Eco Nrg system continues to ex-

ceed expectations throughout its working life, as well as offering an unbeatable guarantee on all their products.

For almost a decade Eco Nrg Ltd. have been taking renewable energy projects from dreams to reality in Cornwall, Devon and across the South West of England. Their technical teams are experts in both initial installation and servicing across the domestic and commercial sectors, with experience across a huge range of renewable technologies and brands.

Generating solar energy faster than you can use it? Make the most of the daylight by installing a battery storage solution that can run your property once the sun goes down, or import from the grid when prices are low. Coupled with an existing Solar PV installation, battery storage solutions can turn your property into a self-sustaining eco powerhouse, maximising your investment and getting the most out of your system.



The days of electric vehicles aren't coming - they're already here, with thousands in the South West making the change to more sustainable travel. Car charging ports for domestic or commercial properties ensure that anybody who's gone electric always has a full battery. Quick to install and low-cost, EV Chargers are a necessity if you're making the jump to an electric vehicle, and if you've already got a Solar PV installation,

you can charge your vehicle with your surplus generation. **Recreation Gr'd Stand B4**

Evans Engineering micro-hydro Trecarrell Mill Trebulet LAUNCESTON Cornwall UK PL15 9QE www.evans-engineering.co.uk sales@evans-engineering.co.uk 01566 78232 EVANS design and build a wide range of equipment for hydro applications. • High head sites using Pelton or radial-flow type impulse turbines. • Medium-head sites using Turgo type impulse turbines. • Mill stream sites using "Armstrong" or cross-flow type impulse turbines. • Open-flume sites using propeller and "Fish-friendly" turbines. **Recreation Ground Stand F3**

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Demand Air Fit To Breathe! *Doing Something About The Climate Emergency*



HAWKINS
MOTOR GROUP

Hawkins Motors
Central Garage, Blackwater, Truro TR4 8ET
01872 560987

If you're new to Electric vehicles, you can relax in the knowledge that Hawkins are your local experts. We've been selling and looking after Electric vehicles since 2012 and offer the largest range of Electric cars & vans in Cornwall.



Your local Hawkins Dealership is located at Blackwater and has a fantastic choice of vehicles from the very competitively priced MG range with the ZS SUV, MG4 Family Hatchback and MG5 Estate models. Citroen with the e-C4 Hatchback, e-C4X Saloon, e-Berlingo MPV and e-Spacetourer People Carrier. Nissan with the popular LEAF Hatchback and new ARIYA Crossover and Hyundai with the KONA SUV and the high performance and luxurious IONIQ 5 & 6 models.

For commercial vehicle users we offer from Peugeot & Citroen the choice of small, medium or large vans at our specialist Van centre located at St Stephen, St Austell
Recreation Ground Stands A4, A5, B5, C5

If not us who? If not now when? *** Doing something about the climate emergency*



Cornish Lithium

Cornish Lithium Ltd,
Tremough Innovation Centre, Penryn, TR10 9TA.
01326 640640, info@cornishlithium.com
www.cornishlithium.com Cornish Lithium Ltd is an innovative mineral exploration company focused on

the extraction of lithium from geothermal water and hard-rock sources in Cornwall. Lithium is a vital component in electric vehicle batteries, and so demand for the metal is growing. In the past few years, the Company have successfully drilled 3 boreholes, and are in the process of drilling the 4th to around 2km depth. Cornish Lithium have established a processing site at United Downs which is being used to trial and review different environmentally-responsible Direct Lithium Extraction ("DLE") technologies on both shallow and deep geothermal waters. Learn how the Twelveheads Project is progressing, drilled to c2000m, encouraging results. Small scale abstraction pumping to begin in July until March 2024. **Recreation Ground Stand C4**



**COMMUNITY
ENERGY PLUS**

A local energy charity based in Truro. For over 20 years we have worked in partnership with 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. 35 River Street, Truro TR1 2SJ, www.cep.org.uk

Email James Miller james@cep.org.uk 01872 245 566 **Village Hall Stand H12**



Utility Warehouse We're a company that supplies essential utilities to residential customers. At events like the Chacewater Energy Show, we offer people the chance to win £20,000 in exchange for two minutes of their time to explain how we might be able to help them save money. Our company is extremely environmentally friendly, it has attracted Ben Fogle as our Brand Ambassador, UW plant a tree in the Brecon Beacons for every new customer and we offer 100% renewable energy. Our service is personal and we love speaking to locals at events like the Chacewater Energy Show so we can help them with face to face advice. Elise 07794 011579 elise289@hotmail.co.uk

Village Hall Stand H8

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www.alphaoneelectrics.co.uk **Recreation Ground Stand C2**

AlphaOne Electrics Ltd is a new and rapidly evolving, locally based company, emerging as the leading experts in electric vehicle (EV) charge point installations, solar PV and battery storage solutions. With a commitment to sustainability and a vision for a greener future.

As the adoption of electric vehicles continues to rise, the demand for reliable and efficient charging infrastructure has become paramount. AlphaOne Electrics understands this need and has established itself as the go-to provider for EV charge point installations in Cornwall. Their team of skilled engineers ensures seamless installations and offers a wide range of charging solutions.

In addition to their EV charging services, AlphaOne Electrics specialises in solar PV and battery storage solutions. Cornwall's abundance of sunshine makes it an ideal location for harnessing solar energy. They also integrate battery storage solutions, allowing users to store excess energy generated during the day for use during the night or during times of high demand. As certified installers accredited by the Micro-generation Certification Scheme (MCS), their solar installations enable homeowners to sell surplus energy back to the grid, resulting in a quicker return on investment.

At AlphaOne Electrics, we strive to make sustainable solutions accessible to all. We firmly believe that embracing environmentally friendly practices should not be limited by financial constraints. Reach out to us today and discover how we can assist you in achieving your sustainable energy goals.



Earth reached its hottest day ever for the third day in a row on Wednesday, according to one unofficial analysis. This made the past seven days the world's hottest week on record. The latest numbers help prove "that climate change is out of control," warns UN Secretary-General Antonio Guterres. (07/07/23) Euronews Green with AP
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Our planet is burning! *Doing something about the Climate Emergency*

ACD Electrical Services Ltd, Unit 3 Kingsmill Road, Saltash, Cornwall PL12 6LS



admin@acdgreen-tech.com 01752 202040. At ACD Electrical, we are continuously expanding renewable energy. We are now installing Solar PV systems in Plymouth, Devon, Cornwall and all of the South West. Switching to Solar PV systems is not only better for the environment, it saves you money in the long run. We provide a complete design and approved installation services for both homes and businesses.



Recreation Ground Stand E1

Get in touch today for a free, no-obligation quotation. Solar Panel Battery Storage An energy-storage system, also called a home or solar battery, lets you capture electricity so you can use it at another time. For example, you can store the electricity your solar panels generate during the day and use it at night.

Home-energy storage will also reduce the electricity

you use from the grid, and cut your bill. If your home is off-grid, it can help to reduce your use of fossil fuel back-up generators. In the near future, time-of-use tariffs will let you store up electricity while it's cheap (overnight, for example) so you can use it during peak times. A few energy companies have launched these already. These systems can be retro-fitted to existing Solar PV Systems as well as complete new installations. **EV Charger Installation.** Our team of professionals can discuss your requirements and provide EV charger installation for an affordable cost. Fitting car chargers demands the skill of knowledgeable and experienced electrical engineers. Whether you require single phase or 3 phase EV chargers, with AC or DC electrical currents, we can fit them for you. You should keep in mind that a 3 phase electric vehicle charger will charge your EV or hybrid at a much faster rate. Therefore, if quick charging is important for your lifestyle or business, please get in touch with us to discuss this choice.



Sun Sparks Ltd Stephen Gomm, Sam, info@sunsparks.co.uk, Chyan Farm, Jobswater,



Penryn, TR10 9BT. 01326 702701,
www.sunsparks.co.uk MCS Reg.:NIC600305
Certified Installers of Solar PV & EV Charge Points.

We are an ethical company with values rooted in fairness and sustainability, bringing green renewable energy solutions and Solar PV & EV Charge Point Installation across the whole of Cornwall. The energy of the future, powering your home, your vehicle and your life. We believe that mankind is capable of creating an environmentally sustainable future for ourselves and for all life on earth and we are proud of our commitment to help deliver this greener future. **Our Aims & Values** To help create an environmentally sustainable greener future, to operate an honest & personal service working closely with all our clients and customers, to offer expert advice and help our customers find the right solutions for their needs To empower people to use renewables and green technology in their home **Recreation Ground Stand D3**



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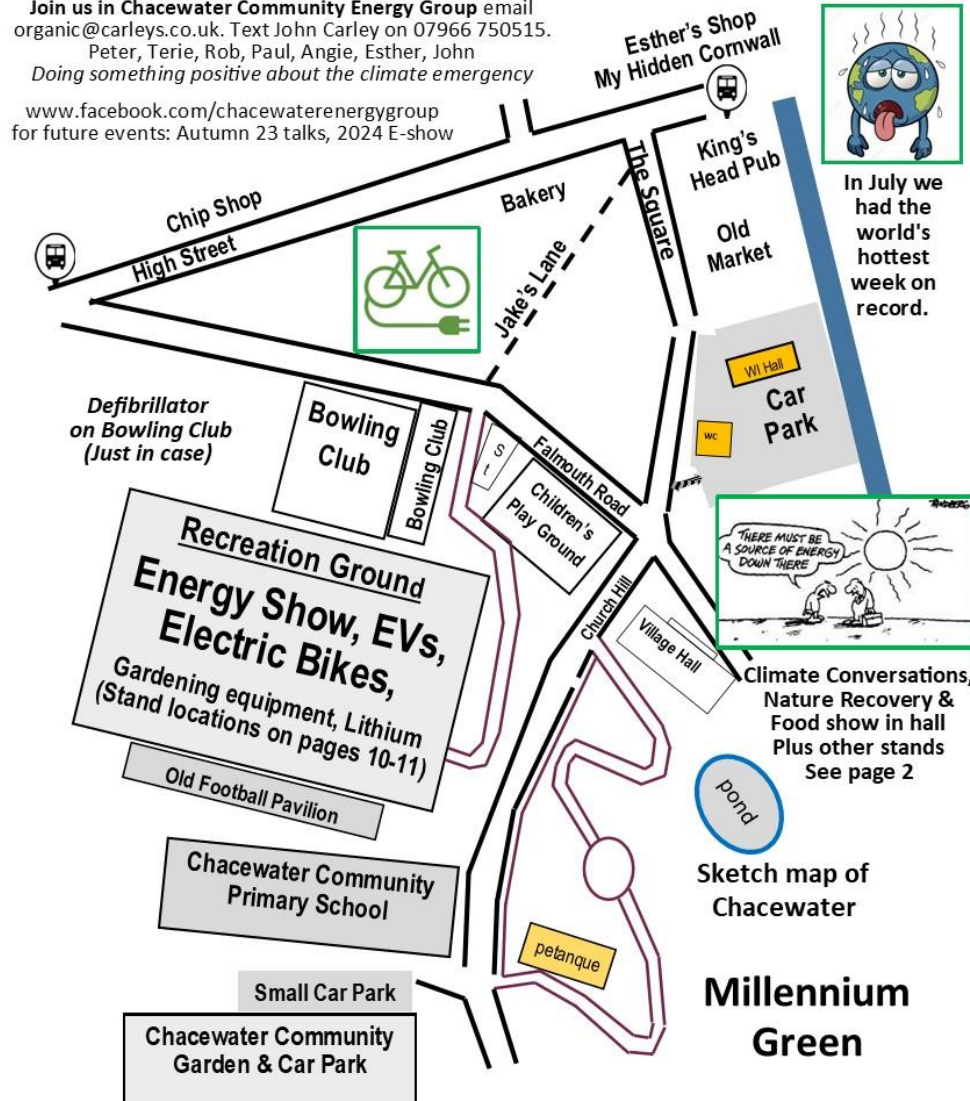
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Welcome to the 2023 Chacewater Community Energy Group Energy Show, Sat 15th July
Buses: Tinner T1 T2 arrive in Chacewater roughly every 15 minutes from the East (from Truro direction) and the West (from Redruth direction)
Tea and Coffee in the village hall. **Chacewater Bakery** is nearby and will be selling vegetarian and traditional pasties etc on the recreation ground during the day, plus in the village. The **Chip Shop "Our Plaice"** 01872 560176 (11:30ish – 2:00ish & 4:30ish – 8:00ish), Esther Kershaw 07495 681168 has opened her **"My Hidden Cornwall"** gallery, coffee, pizza shop opposite the pub. **The King's Head pub** 01872 560941 (12pm - 3pm & 6pm - 9pm), and **The Old Market** 01872 562747 (10:00am-3:00pm) all offer refreshment.

Join us in Chacewater Community Energy Group email
organic@carleys.co.uk. Text John Carley on 07966 750515.
Peter, Terie, Rob, Paul, Angie, Esther, John
Doing something positive about the climate emergency

www.facebook.com/chacewaterenergygroup
for future events: Autumn 23 talks, 2024 E-show



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The Chacewater Community Energy Group 2023 Souvenir Energy Show Guide

As a power-point booklet
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