



ExtraEnergy seeks test riders

The latest ExtraEnergy Pedelec and E-bike Test starts on the 18th April 2017. New drive systems, new technology and fitness outdoors. Women of all ages are especially welcome.



On the final section the test riders switch off the motor, so as to rate the ride performance of the test bikes without motor assistance. Picture: Angela Budde (editor, ExtraEnergy.org)

The test rides will take place in and around Tanna, in the Thuringia region of Germany, using unique, custom-made measurement technology.

This enables ExtraEnergy to determine the key values for range, power assistance levels, drive efficiency, average speed and more, for the "Tour", "Hills" and "City" parts of the test circuit.

Test dates

Test riders will ride the electric bikes over a period of two weeks, from the 18th April to the 2nd May 2017 at what is currently the world's only reference circuit for pedelec and e-bikes testing. It's a fitness opportunity: a rewarding challenge and an excellent way to learn about these vehicles.

The reference bike

Each test rider will ride a normal bike, which ExtraEnergy call the "reference bike", to help with the calculation of the power assist factor.

For immediate publication - a sample copy would be much appreciated!

For the ExtraEnergy Test pedalling effort is measured precisely during the test rides, using custom-made sensor pedals, and this is carried out both on each pedelec and on the reference bike.

To allow ExtraEnergy to compare the pedalling effort needed for the different bikes, each test rider will ride the reference bike at a slow, medium and fast pace, each repeated three times, over both the "Tour" and "Everyday" parts of the circuit. Riding the reference bike is the most challenging part of the test.

The test circuit

This two-week fitness programme for the test riders includes riding the pedelecs or e-bikes, and the reference bike, over the ExtraEnergy test circuit in Tanna, which measures 14.7 km in total. The circuit is divided into a 9.4 km long "everyday" section, and a 5.3 km "Tour" route.

The everyday part consists of an acceleration section, a 1 km ascent with a moderate gradient of 5% on average, some urban riding with set stopping points to simulate stop-start riding in traffic, and then a climb with an average gradient of 12%. Finally, the test includes riding without the motor on the last part of the everyday section.

See the elevation profile of the everyday section here:

<http://tinyurl.com/gtgffj>

The "Tour" part of the test circuit leads riders over moderate ascents on a variety of surfaces including country lanes, gravel tracks and woodland paths.

See the elevation profile for the tour section here:

<http://tinyurl.com/z54bplr>

Accommodation

Accommodation is provided in caravans and mobile homes on the ExtraEnergy premises, and catering is also provided by ExtraEnergy.

Participant requirements

A minimum age of 16 (with parental signature, up to age 18) is necessary for participation. Women of all ages are especially welcome. So that each rider can ride each test bike, there is a minimum height of 1.65 m. It is also essential for all participants to bring with them all-weather clothing, in particular strong, warm shoes, waterproofs and gloves.

How to take part

You can apply using our application form, giving your age, height, phone number, city and postcode. We would also be interested to hear about the extent of your existing experience of pedelecs or e-bikes, and approximately how many miles (or km) you have cycled this year, whether on holiday or just for personal use.

Closing date for registration is 24th March 2017.

Please apply via this link: <http://tinyurl.com/jmkmu6o>

Your contact person should you have any questions is Angela Budde (Editor, ExtraEnergy.org) on:

Angela.Budde@ExtraEnergy.org

About ExtraEnergy

ExtraEnergy has carried out independent e-bike and pedelec tests since 1992. Since then the organisation has established itself as the most influential information, user protection and promotional organisation for light electric vehicles (LEVs) worldwide.

The founders realised from the start that these vehicles need to be experienced first-hand. Since 1997 the Test IT Track has been on the road, and today has three units for the Test IT Show. ExtraEnergy is also rooted at its test facility in Tanna, where 25 years of test reports and LEV history are on display at the LEV Museum.

Other services on offer include presentations and exhibitions at trade and public shows, plus information distribution with the assistance of correspondents worldwide.

Alongside our physical presence, www.extraenergy.org provides a treasure-house of information online. With support from the European Union and the IEA (International Energy Agency), in 2012 the Go Pedelec! Handbook was published in German, English, Dutch, Hungarian, Czech, Italian, Spanish and Chinese, including much new information and best practice studies for electric-assist two-wheelers.

As founding members of the EnergyBus and BATSO (Battery Safety Organisation) associations, ExtraEnergy is also active on both the ISO (International Standards Organisation) Standards Committee, with a focus on mechanical standardisation, and on the IEC (International Electrotechnical Commission), and so helps set safety and communication standards for LEVs worldwide.

PR contact:

ExtraEnergy.org

Angela Budde

T 036646-3298-10

E redaktion@extraenergy.org

www.ExtraEnergy.org

For immediate publication - a sample copy would be much appreciated!