

FilmWifi LTD

From Kriss TheDish

The worlds first Carbon Neutral wifi company for the Production Industry

Carbon Neutral Plan 2022/23

Overview

- FilmWifi LTD now supply **Carbon Neutral Wifi** and are the first in the world to do this as a fulltime service just like Kriss was the first person in the world to create a company to solely supply wifi services to the film industry via satellite and 4G/5G in 2009.
- The next phase of FilmWifi is to go Carbon Neutral with our wifi services at first and then vehicles in the next year or two once they are available.
- For our new Carbon Neutral Wifi services we use a mixture of Solar Power, Wind Power and Battery power.

Kriss TheDish... Plan for the future

- My plan is not just to make my Company FilmWifi carbon neutral but to help make your production or studio carbon neutral too as if we work together, I can help bring your emissions down. It may not be a lot to start off with as its just wifi but if you're a studio and we do it across multiple productions then we can start to make a difference.
- I also want to bring my battery technology into other departments to help bring down the carbon footprint of any production... My batteries can be used to power the whole of video village which means you won't have to have a locations genny onset. My plan is to have 4 batteries onset which should last the whole week and these batteries will be charged at the weekend ready for the next week on house power.
- I have also worked out a way with a location spark on how to make the trailers work with my batteries which cut so much emissions... it wouldn't cost much either, but I can get the whole trailers working off my batteries. The only problematic areas will be charging of the radios and kettles, but we could get a small trailer on base purely for the charging of radios and for the use of making drinks. However, I have a plan to charge the radios too as I could build a trailer purely for the charge of radios which would use solar and wind. The solar would charge batteries through the day and then the batteries would be topped up at night by a wind turbine while charging the radios for the next day.
- I can't do all this alone I will need the backing off each production or a mainstream studio as there is heavy investment needed to achieve these goals. Im not asking for investment of money, but I am asking for a long contract of 3 to 5 years with a guarantee of work per year and then I can feel safe in investing in all the kit that is required. It may take me a couple of years to get this fully up and running unless I can find an instant investor or production will pay up front for the batteries I need to buy.
- I would also need a base of operations down south as I am based in Derbyshire and this would be to store the kit and charge batteries at night or at the weekends... this could be a little workshop in one of the studios or an actual industrial unit with offices that people can work from and we can also make these offices Carbon Neutral.
- I have already ordered 2 x Ford transit Electric vans which would be used in and around London but I have the option to buy more which could be used as rentals to productions too or for other departments (for example the rushes runner) if they are not being used for wifi services.
- The Electric vans can be rigged out to stoor the radios and batteries and all can be charged at night at our workshop or unit, it would also make sense to buy radios rather than rent them as they would save money in the long run but can be charged off batteries at night once we have done some tests.
- Late 2022 FilmWifi LTD will be a global company and will be able to supply their new global satellites anywhere in the world and these new satellites will also come with batteries to carry on our new Net Zero policy
- I would be willing for a large studio to take over half my company to help grow the Carbon Neutral side and we could then sell the services to other studios and productions.

4x4 Carbon Neutral Wifi & Satellite Truck

- FilmWifi have built a 4x4 Carbon Neutral Wifi truck which has been tried and tested in the remotest of Locations since November 2021.
- All the wifi including the satellite internet is run by batteries and is powered by solar and a bespoke wind turbine Kriss Brown invented to sit on the roof of the truck by combining a wind turbine motor and a wind driven air vent.
- This truck is perfect for set and can work in the remotest of locations and give you signal even when there is zero phone signal.
- The truck has also been used to stream Qtake cloud and works very well.
- By the end of 2022 the truck will be installed with our new next generation global satellite service.
- There is also a 2nd truck on order with delivery expected to be end of May 2022 and ready for rental end of June 2022.
- Since inception the truck has never been plugged into power on any production.
- The diesel used in the truck is offset by paying 2p per liter and then Shell matches the 2p per liter.



Vehicles

Currently FilmWifi LTD are using diesel vehicles so to try and offset our carbon footprint we pay an extra 2p per liter and Shell match this which offsets our carbon footprint...

However this is only a stop gap... as of 29/04/2022 FilmWifi pre ordered 2 x Electric vans which should be delivered by the end of 2022.

Once delivered they will all be fitted out with our carbon neutral wifi services with solar panels and batteries to power all the wifi equipment on board.

These vans will have a range of around 200 miles so will be used in and around London but I will need to find a home for them to be charged in the evening ready for the next day.

This is a huge investment and eventually we want to swap all our 6 vehicles to electric and maybe keep a couple of diesel vehicles to do only far out jobs over 200 miles.

I can order more than two vehicles but for this I would need to find an investor.



00:07

< New E-Transit Order

Craig Robson 29 Apr
to me

Good Morning Kriss

Please accept this as confirmation that we have ordered two New Ford E Transits for you from the first of our allocation.

I anticipate delivery of these vehicles between September and December 2022, and I look forward to updating you over the next few weeks.

Thank you for your valued and repeat business once again.

Kind Regards

Craig Robson

Carbon Neutral Trailer (Base Camp Wifi)



- We have built a carbon neutral trailer which is going out on test on a Netflix shoot the 1st week in May 2022.
- This will consist of all the wifi any Base Camp would need and will be powered by solar and a wind turbine with our bespoke Delta batteries as a back up.
- The trailer will be ready for rental mid May to the beginning of June 2022. More trailers will be built to order but currently have a lead time for the trailer to be delivered to FilmWifi of 8 to 10 weeks then a further week to build in our workshop.



Batteries

- FilmWifi have some bespoke batteries that can run almost anything. The batteries run the sat truck for 3 whole days without the need to be charged. The batteries are always charged at our workshops at the weekends so we don't have to use generator power.
- FilmWifi LTD want to supply these batteries to productions for the likes of video village and even the trailers on Base Camp so we can reduce any productions Carbon Emissions.
- These batteries are very expensive so a rental agreement will be agreed and then payment will be made up front for FilmWifi to buy the batteries and then supply them to the production... 1 week lead time required.
- These batteries will be charged at a base of operation to be determined in or around the west London area... depending on how many batteries are required we may request an assistant to help with getting the batteries charged at night and also set up in the morning (this can be a unit spark or just a general assistant under FilmWifi)



Trolley For Set (MagLiner)

- FilmWifi are building bespoke aluminum trollies for set so we can store the batteries for video village and also set wifi so they can moved around set easily.
- These are cheaper to build than the standard Magliner price to buy and also more solid for rough locations. These can or will be stored in the camera truck over the night.
- If we are supplying power for video village we can fit 4 Delta Max batteries on them so there is enough power.



Where we can improve your carbon footprint

All the wifi on the production can be used by batteries

All video village can be run off batteries

All trailers on a Base Camp can be run by batteries (not including make up or costume) this will just be the sockets for lap tops and printers etc the lights will run off the 12v internal battery the trailer already has.

Tech truck additional power can be run off batteries (not including the charging of equipment only for people to work off ie lap tops etc.

I can build a Carbon Neutral tech truck with about 10 solar panels on the roof charging 10 100ah batteries which could charge the camera equipment so the tech trucks wouldn't need a generator at night. Further testing required.

We think that we can save in excess of 25% of overall usage from generators and 50% off all Base camp power and 100% off all wifi services and video village.

I have other ideas too but I want to get the above up and running first

Carbon Neutral Credits

FilmWifi have already supplied our Carbon Neutral Wifi services to the following productions...

Expendables 4, Willow, Straight Shooter, The Crown S5, Documentary Now, The Witcher S3, Jewels

Thank you all for your continued support of FilmWifi LTD and each and every production from May 2022 will help fund FilmWifi LTD going Carbon Neutral and also make the production industry greener in our own little way but every little bit helps so if we all pull together for a greener future and a Net Zero production industry. Kriss 'TheDish'

THATS A WRAP

Thank you for reading and hopefully see you onset soon with our NEW Carbon Neutral Services

Kriss TheDish

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With every production FilmWifi LTD work on we will plant a tree in the Peak District where Kriss Brown is based