



## Natural Power's ZephIR aligns with remote power specialists Ampair

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Natural Power's Product Innovation business ZephIR, which provides the industry leading CW lidar system ZephIR 300, has today announced a strategic alignment with remote power specialists Ampair to provide customers with a managed wind data and power service. Despite the very low power requirements of a modern lidar system such as ZephIR, a reliable and easily transported power supply is still important for the remote and harsh locations in which the system is often deployed. The strategic alignment provides ZephIR customers with an integrated and robust renewables power solution taking into consideration likely ZephIR deployment scenarios.

Industry veterans, Ampair, bring customers a network of international representatives who provide local support in selecting and maintaining either off-the-shelf or bespoke renewable power pods. A trailer version, the TrailerPod™, which allows for deployment at sites with 4x4 access and a helicopter version, HeliPods™, which can be air-lifted, or moved by truck or boat to very remote sites, are available now and have been designed specifically for the ZephIR 300 system following many months of design, preparation and testing between the two companies.

Ian Locker, Managing Director of the ZephIR business within Natural Power said: "Our customers are primarily interested in getting highly accurate data with high availability, rather than providing power and support to equipment in remote locations. The option to work with Ampair means our customers don't have to consider the remote powering requirements, ongoing refuelling logistics and costs. Put simply, this means that when the ZephIR is deployed with an Ampair power solution the customer has no requirement to visit that site again until the unit is relocated."

Jeremy Davies, Marketing Director at Ampair commented: "The applications for Ampair power pod solutions are really limitless. These pods are self-charging and are fully automated; you can effectively leave them for years without the need for any fuel or maintenance."

ZephIR is a validated, affordable, continuous wave lidar system. The proven core technology measures wind speed, direction and turbulence across the full turbine rotor diameter from 10 metres above ground level up to 200 metres and can remove the need for a tall met mast.

For more information contact [zephir@yourwindlidar.com](mailto:zephir@yourwindlidar.com) or visit [www.yourwindlidar.com/packagedpower](http://www.yourwindlidar.com/packagedpower)

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### Notes for Editors:

**Natural Power** is a leading renewable energy consultancy that specialises in progressing sites onshore and offshore for clients, from proof of concept through project development, construction, asset management and onwards to re-powering or decommissioning. Natural Power have worked on more than 20,000 MW of wind, wave and tidal sites across Europe, the US, Canada, whilst also providing 360° due diligence on a range of portfolios and projects. The company delivers both technical and management services, as well as industry leading products from offices across the UK, Turkey, France, Chile and the US. Partners within the Natural Power group include SeaRoc and re-consult. See [www.naturalpower.com](http://www.naturalpower.com) for more information.

**ZephIR** deliver lidar solutions across the global wind market from a set of hubs operating in Europe, the Americas and the Asia Pacific region. These hubs provide services including core lidar research & development, managed communications & data download, field engineer support and installation / deployment logistics. The team have over 20 years experience working with lidar systems and ZephIR systems have operated in the field for over 6 years with more than 450 deployments across 30+ countries worldwide. For onshore, offshore and turbine mounted lidar solutions visit [www.yourwindlidar.com](http://www.yourwindlidar.com) for more information.

**Ampair Energy Ltd** has been manufacturing high quality renewable energy power systems for nearly forty years. Ampair turbines are renowned internationally for their durability in extreme environments. With nearly 30,000 units sold to date, their turbines and power systems are providing power in virtually every country and ocean in the world. See [www.ampair.com](http://www.ampair.com) for more information.