

Achelous Energy Limited (AEL) is a UK-based cleantech company which has developed the Floating In-stream Tidal and Solar "FITS" platform - a robust, highly scalable run-of-river ("hydrokinetic") generation device. ... Matchmaking ...

Achelous Energy's innovative FITS technology uses the constant resource of flowing river water to power its vertical axis turbines. This enables it to produce continuous power without the need for large, energy storage facilities. The ...

Achelous Energy has raised 2 rounds. Their latest funding was raised on Sep 28, 2022 from a Grant round. Achelous Energy is funded by 2 investors. Innovate UK Knowledge Transfer Network and Pario Ventures are the most recent investors.

Achelous Energy Ltd | 483 followers on LinkedIn. Hydrokinetic technology and project developer | Achelous Energy established in 2017 is headquartered in Kent, UK and is fast to become one of the leading global hydrokinetic river technology and project developers in the world, supplying turnkey solutions to the market. In a world which is striving to reduce carbon emissions and to ...

Director at Achelous Energy Ltd · Experienced Director with a demonstrated history of working in the challenging offshore energy industry. Skilled in Company Management, Project Management and Delivery, Contract Negotiation. Strong professional with a Master& #39;s degree focused in Engineering / Naval Architecture from University of Southampton. · Experience: Achelous ...

Our patented floating HKS (hydrokinetic + solar) technology couples the energy from fast flowing water, with a secondary solar power system to generate clean electricity from tides and rivers. Our technology is scalable for use by small off-grid communities and large national power grids alike.

AEL's Floating Instream Tidal and Solar "FITS" technology harnesses the flowing water in these rivers to create renewable, baseload energy, 24/7. The system essentially works like a floating watermill.

The company's key focus is the creation of scalable, hydrokinetic (or "run-of-river") renewable energy technology. This technology utilises the same basic resource as traditional hydropower to generate electricity, but without the need for costly and environmentally harmful dams.

Achelous Energy is reaching the final stages of fabrication for its hydrokinetic river Floating Instream Tidal and Solar (FITS) power plant. With a power production of 200kW, it will rank as one of the largest hydrokinetic demonstrator projects... READ MORE. 07 March, 2020

Green ammonia production combines green hydrogen with nitrogen from the air, using renewably generated power. River-based hydrokinetic technology provides the ideal power source for this process, enabling green hydrogen production through electrolysis of river water and supplying a constant output of electricity - a key factor in the Haber-Bosch ammonia production process.

Our patented Hydrokinetic Solar (HKS) technology generates large scale, carbon-free electricity close to the areas that need it. HKS energy farms can be connected to national grid infrastructures. They can also provide large-scale decentralised power for dedicated offtakers.

This minimizes ecological disruption and fosters sustainable energy extraction without harming aquatic ecosystems. Power from our rivers. The original global power network. Rivers criss-cross our planet and are one of humanity's oldest sources of power. The earliest recorded watermill dates back to the 3rd century BC, and today's ...

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Achelous Energy Limited has created a power plant with its "Floating Instream Tidal and Solar (FITS)" technology, creating clean electricity from water and solar energy. The technology has now been demonstrated at full-scale and a pilot project is underway to facilitate a FITS-supplied mini-grid to a rural community in Nepal.

AEL started its own hydrokinetic technology pathway in tidal energy, patenting a seabed mounted Vertical Axis Turbine for the UK tidal market in 2018. But with the CfD scheme not quite ready to specifically support UK tidal at that stage, the company sought to develop and hone its hydrokinetic expertise in the global river market, where it ...

Acheleous Energy has developed an innovative hybrid technology which couples run-of-river hydrokinetic generation with solar - the Floating Instream Tidal and Solar (FITS) power plant. FITS technology has been specifically optimized for river deployments, and is scalable to enable both energy access and utility scale power generation.

Web: <https://foton-zonnepanelen.nl>

