Clean Planet Technologies Awarded UK Government SAF Clearing House Funding to Accelerate Plastics-to-SAF Qualification

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Clean Planet Technologies (CPTech), part of the Clean Planet Group, has been awarded funding by the UK Department for Transport (DfT) through the **UK Sustainable Aviation Fuels (SAF) Clearing House**, supporting the next phase of qualification and testing for its waste-plastics-to-Sustainable Aviation Fuel (P2SAF) technology.

The award forms part of a funding package announced today by the DfT, supporting four SAF innovators — **Avioxx Ltd, Clean Planet Technologies Ltd, Green Lizard Technologies Ltd, and Zero Petroleum Ltd** — to accelerate the testing, certification and commercialisation of next-generation sustainable aviation fuels.

The UK SAF Clearing House plays a central role in the UK's aviation decarbonisation strategy, providing technical guidance, access to recognised testing facilities, and support for the ASTM qualification process. The programme underpins the UK's ambition to lead globally in SAF deployment, alongside the SAF Mandate and wider measures to derisk first-of-a-kind SAF production.

Matthew Jee, Director of the UK SAF Clearing House, said:

> "The UK SAF Clearing House is delighted to support [Clean Planet Technologies] as they move through the critical stages of fuel qualification. The testing we facilitate provides the robust evidence base that producers and industry needs to build confidence, unlock investment and accelerate the deployment of new fuels. These awards underline the UK SAF Clearing House's commitment to working closely with innovators to scale sustainable aviation fuel production and to deliver meaningful progress towards a more sustainable aviation sector in the UK."

Advancing the UK's first Plastics-to-SAF pathway

For Clean Planet Technologies, the funding will support detailed fuel characterisation, materials compatibility testing, and data generation required for progression through the ASTM qualification process for plastics-derived aviation fuels.

CPTech is developing the **SAFe-P2SAF** platform — a proprietary system combining pyrolysis and advanced hydroprocessing to convert hard-to-recycle waste plastics into ultra-clean, low-carbon jet fuel. Their technology was unveiled publicly at the SAF Global Summit, where CPTech presented the UK's first end-to-end Plastics-to-SAF pathway.

The programme builds on CPTech's patented pyrolysis-oil upgrading technology, now protected in the UK, United States and Saudi Arabia, and is being advanced through the company's upcoming UK pilot facility, planned for opening in April 2026.

Dr Andrew Odjo, CTO of Clean Planet Energy and CEO of Clean Planet Technologies, said:

> "We are delighted to be supported by the UK SAF Clearing House programme, enabling us to accelerate the validation of our innovative plastics-to-SAF technology. Every molecule of virgin fossil fuel that we can replace with our oils brings waste back into the value chain, and significantly reduces lifecycle carbon emissions and plastic pollution. The UK is at the forefront for advanced fuels, and this support helps ground-breaking technologies like ours reach commercial deployment. We're proud to contribute to the future of sustainable aviation and to the UK's Net Zero ambitions whilst removing waste from the environment."

Dr Katerina Garyfalou, COO of Clean Planet Technologies, added:

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Related Keywords:

Climate Change :: Decarbonisation :: Global Warming :: SAF :: Aviation :: Renewable Fuels :: Low Carbon :: Sustainable Aviation Fuels ::

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> “This support allows us to move faster and with greater technical confidence through the SAF qualification process. Fuel testing and certification are essential steps in bridging innovation and commercial reality, and the UK SAF Clearing House plays a critical role in reducing risk for new fuel pathways. This award strengthens our roadmap from pilot-scale validation to commercial deployment.”

Supporting UK SAF scale-up and feedstock diversity

With UK and EU SAF mandates coming into force and increasing pressure on traditional bio-based feedstocks, alternative circular feedstocks such as waste plastics are gaining strategic importance. CPTech is an active contributor to the ASTM task force for plastics-to-SAF and is working alongside industry partners, including OMV, whose forthcoming annex is expected to establish the regulatory route for this new class of fuels.

Each stage of the Clearing House programme brings CPTech closer to commissioning its **first commercial-scale Plastics-to-SAF unit**, targeted later this decade, and to supplying meaningful volumes of low-carbon SAF into the aviation market.

About UK SAF Clearing House

The UK SAF Clearing House supports industry to deploy SAF by facilitating the development, evaluation, and qualification of jet fuel from sustainable sources. We build on and further develop existing UK expertise to help reduce uncertainty, cost, and time barriers to SAF development which in turn broadens the scope of eligible fuels that meet the rigorous performance and quality standards required for commercial and military aviation use.

The UK SAF Clearing House provides advice and guidance to fuel producers on SAF testing and qualification requirements; co-ordinates testing activity between a network of UK facilities to cover the required pre-screening and ASTM process; supports the DfT in providing grants to reimburse testing costs; and works collaboratively with stakeholders including Original Equipment Manufacturers (OEMs), regulators, Specification Groups and the US and EU Clearing Houses.

About Clean Planet Technologies

Clean Planet Technologies (CPTech) is part of the Clean Planet Group and develops proprietary technologies to convert non-recyclable waste plastics into low-carbon fuels and circular chemical feedstocks. Its portfolio includes Plastics-to-SAF, Plastics-to-Hydrogen, Plastics-to-Monomers, and containerised pyrolysis systems (CPS²). CPTech’s technologies support the circular economy by transforming low-value waste into high-value, strategically important fuels for the energy transition.

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