



## **Uplift360 Secures €1 Million in Seed Funding to Scale Low-Impact Recycling Technologies for Advanced Materials**

*Uplift360 will expand its technology and team to meet industry demand for advanced materials waste management*

**LUXEMBOURG – December 10th, 2024** – [Uplift360](#), a company developing sustainable chemical recycling technologies for advanced materials, has closed a €1M seed funding round led by [Promus Ventures](#), with participation from [Twin Track](#). Alongside relocating their Headquarters and establishing new laboratory facilities in Luxembourg. This funding will enable Uplift360 to scale its recycling technology and expand its team of scientists as it develops a first-of-its-kind concept demonstrator.

The round brings Uplift360's total funding to €1.6 Million since the company was founded in 2021 by [Jamie Meighan](#) (CEO) and [Sam Staincliffe](#) (CTO). With operations spanning Luxembourg and the UK, the company's low-temperature recycling processes address a critical challenge in European industries such as defence, aerospace, and automotive, which face growing pressure to reduce waste and environmental impact while retaining access to high-performance materials.

Uplift360's technology can extract valuable materials from products such as body armour, wind turbines, and aircraft components, which were previously far too expensive or impossible to recycle. This investment will be used to accelerate the company's mission to drive the circular economy for advanced materials and lead the charge for sustainable transformation in high-impact industries. Promus Ventures' Partner [Jeremy Teboul](#) and Vice President [Estelle Godard](#) have also joined Uplift360's board.

### **A Critical Problem: Waste from Advanced Materials**

Industries like aerospace and automotive depend on advanced materials, for example, carbon fibre and para-aramid, more commonly known as Kevlar® or Twaron®, for their strength, durability, and lightweight properties. However, the production and disposal of these materials generate significant waste. In most cases, this waste ends up incinerated or in landfills due to the absence of recycling options, further exacerbating environmental harm and creating an urgent need for sustainable alternatives.

### **The Solution: Circular Economy Technologies for a Sustainable Future**

Working with clients like [DuPont](#) and [Teijin](#), Uplift360 addresses advanced material waste using low-energy recycling technologies, providing scalable solutions to this pressing issue. These patented and proprietary processes convert waste and end-of-life products into reusable fibres and use environmentally-friendly chemicals to remove over 99% of resin from materials.

This process occurs at room temperature, preserving the integrity and quality of reclaimed fibres, which can then re-enter the supply chain as near-virgin material, while significantly lowering energy consumption compared to traditional methods. The technology is applicable to a wide range of



resin-coated materials, including carbon and glass fibre, UHMWPE, and para-aramids, making it versatile and adaptable across various industries.

Uplift360 is also working with advanced material manufacturers to develop onsite recycling facilities, offering clients an immediate and efficient path to reduce waste and lower their environmental footprint. These solutions not only minimise disposal costs, but also allow companies to reclaim and retain the value of materials that would otherwise be discarded.

### **Uplift360: About the Company and Progress to Date**

Uplift360 has already demonstrated the impact of its technologies through high-profile partnerships. The company received over €600k from the [UK Defence and Security Accelerator](#) (DASA) to recycle para-aramid fibres in body armour, reducing CO2 emissions and securing supply chains.

The company has also collaborated with [Babcock](#) and the [Luxembourg Institute of Science and Technology](#) to explore circular recycling systems for end-of-life aircraft and develop circular, non-fossil-fuel-derived materials for markets such as defence, automotive and aerospace. The latter sustainable advanced material project funded and supported by the Luxembourgish Ministry of Economy and the Directorate of Defence.

“We founded Uplift360 to solve the dual challenge of resource scarcity and environmental harm caused by advanced material waste,” said Co-Founder [Sam Staincliffe](#). “Our technology doesn’t just solve a technical problem - it unlocks an entirely new value chain for industries transitioning to a circular economy. By proving that recycled fibres can match new material quality without energy-intensive methods, we’ve shown that sustainability and efficiency can go hand in hand. This funding is a critical step toward scaling our technology and delivering impact to those industries in need on a global scale.”

“Uplift360 is tackling a critical and often overlooked problem in sustainability,” said [Jeremy Teboul](#), Partner at Promus Ventures. “Their recycling process is not only a technical achievement, but also a practical and scalable solution for industries striving to reduce waste and environmental impact. We’re proud to support Sam, Jamie, and their talented team as they scale their operations and redefine recycling for advanced materials.”

### **About Uplift360**

Founded in 2021, Uplift360 is at the forefront of advanced materials recycling, developing innovative chemical technologies to enable low-temperature and efficient recycling of high-performance materials. With applications across high-performance industries and finalist nominations from Composites UK Industry Awards 2024, Fit4start graduates 2024 and 3<sup>rd</sup> place winners in Creative Young Entrepreneur Luxembourg (CYEL) 2024, Uplift360 is committed to creating a circular economy for advanced materials and driving the future of sustainable manufacturing.

### **About Promus Ventures**

Founded in 2012, Promus Ventures invests in early-stage deep-tech startups solving complex problems to advance everyday lives worldwide. From offices in Chicago, San Francisco, and Luxembourg, Promus Ventures has invested in over 100 early-stage startups in the US, Europe, the



UK, and New Zealand. Some of Promus Ventures' leading portfolio investments include Rocket Lab (Nasdaq: RKLB), Whoop, Spire (NYSE: SPIR), Mapbox, ICEYE, Bellabeat, Swift Navigation, AngelList, Behavox, Gauss Surgical, Figure Eight, Halter, The Exploration Company, RobCo, Mytra and numerous others.

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