


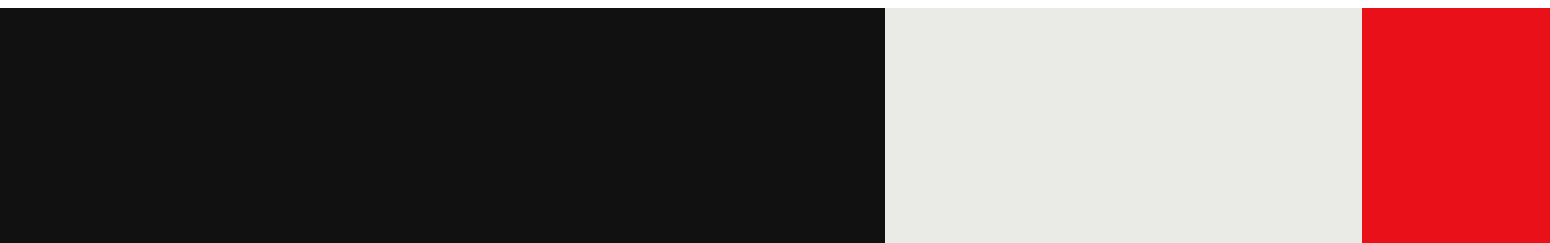
5 greentech startups that could chip away at the climate problem

Article



The data: After raising **\$40 billion** last year, [per](#) Insider, climate tech startups raised **\$13.7 billion** in VC investment from **369 deals** so far this year, [per](#) Pitchbook.

Startups to watch: The world of greentech is increasingly covering new territory far beyond solar and wind as startups push the needle on sustainable innovation.



EcoLocked: Launched last year, this startup is incorporating [biochar](#) as an ingredient in concrete to help sequester carbon in buildings.

- In addition to being the most ubiquitous material used by the construction industry, concrete has a formidable carbon footprint, amounting to at least **8% of global carbon emissions**, [per Nature](#).
- The startup is one of several companies, including [HeidelbergCement](#) and [Blue Planet Systems](#), developing greener concrete alternatives.

Arcimoto: Based in Eugene, Oregon, Arcimoto is zeroing in on an untapped market in the US —small, cheap EVs.

- The startup is building EVs suited for urbanites and **priced at under \$20,000**, like its three-wheeled **Fun Utility Vehicle (FUV)**, as well as specialty EVs like the **Rapid Responder** for emergency personnel and the **Cameo** for the film industry, [per Inc.](#)
- Arcimoto recently partnered with **JOCO** on a three-wheel [EV-sharing pilot program](#) for last-mile delivery in Manhattan.

Ynsect: Called “Europe’s best-funded insect farming startup,” the company is valued at **\$625 million** and has raised \$425 million since its founding in 2011, including \$372 million in 2020, [per Sifted](#).

- The Paris-based company produces mealworms in its vertical farming facilities for use as ingredients in pet, plant, and fish feed as well as sports and human nutrition products.
- Requiring less land for production and with lower carbon emissions, [mealworms](#) are considered more sustainable than other animal protein sources.

Beta Technologies: This Burlington, Vermont-based electric aerospace company is developing vertical take-off and landing aircraft and associated charging infrastructure.

- The startup’s electric aircraft, **Alia**, with its single propeller and two electric motors, recently took a **1,403-mile journey** from New York to Arkansas, making seven stops along the way, [per PopSci](#).
- Like other electric aviation companies—such as **Wisk**, **Joby**, **Kitty Hawk**, and **Archer**—that are showing potential for local taxi transport, Beta also wants to show its potential for longer haul flights.

Juicy Marbles: Founded in 2020 in Slovenia, this startup wants to make plant-based meat alternatives more appealing to foodies with discerning tastes.

- The company has developed a line of meatless cuts, including filet mignon, that it claims has a texture and taste on par with choice cuts of real beef.
- At \$8 a steak, per Insider, **taste will be a major deciding factor behind the product's success.**

The big takeaway: Although the world's greentech billionaires have lost **\$141 billion** over the past seven months, **per** Bloomberg, their startup counterparts appear to be faring much better, since their fate isn't as tethered to stock market **turmoil**.

- As worsening climate change and high gas prices hold steady, investors will likely continue flocking to climate tech.
- Success of any sustainable innovation will be a balancing act between appealing to eco-conscious consumers' sensibilities and the amount they're willing to pay to be green.



Meatless filet mignon (Source: Juicy Marbles)