



About the Synthe6 Materials Accelerator First Cohort Members

ACE Innovations

Website: ace-laboratories.com

Description: ACE Innovations produces asphalt additives made from recycled materials that improve adhesion and durability. Their solution helps infrastructure and roofing manufacturers reduce reliance on imported petroleum-based resins.

Founder: **Erick Sharp**

Auxilium Health

Website: auxiliumhealth.xyz

Description: Auxilium has developed a bio-based wound dressing that actively heals while detecting and preventing infections. It helps tackle the high costs and complications of chronic and acute wound care.

Founder: **Isaiah Kaiser**

BioVerde

Website: bioverde.us

Description: BioVerde's biotechnology-driven process produces cost-advantaged, carbon-neutral chemicals, monomers, feed ingredients and fuels using engineered methane-consuming microbes (methanotrophs). BioVerde combines large-scale renewable / conventional natural-gas fermentation with chemical conversion to provide a superior alternative to petroleum-based and agricultural products.

Founders: **Simon Upfill-Brown; Dave Witte; Peter Heifetz**

GelPure

Website: N/A

Description: GelPure is developing a filter material that removes PFAS, or "forever chemicals," from drinking water down to the US EPA mandated levels. Its design allows for longer use with high selectivity and easy regeneration, addressing the limits of today's water treatment systems related to PFAS.

Founders: **Moni Mahesh Ghosh; Brandon McReynolds; Sadhan Jana**

Plastinuva

Website: plastinuva.com

Description: Plastinuva recycles polypropylene using biodegradable oils to create high-quality material equal to new plastic. This innovation tackles the lack of effective recycling options for one of the most widely used plastics.

Founder: **Sridhar Viamajala**



BOUNCE

INNOVATION HUB

PolyKinetix

Website: polykinetix.com

Description: PolyKinetix is developing a portable system that converts mixed plastics and old tires into usable fuels. This technology addresses the growing challenge of plastic and tire waste by creating a cleaner recycling option.

Founder: **William Ullom**

Seauciel

Website: seauciel.com

Description: Seauciel is developing a novel process to salvage and upcycle commingled plastic waste into value-added materials using only supercritical water. This new and enabling technology provides a fast and environmentally friendly means of producing valuable plastics that would otherwise end up in landfills.

Founders: **Paul Boulier**

TKM Ballistics

Website: tkmballistics.com

Description: TKM Ballistics produces ballistic protection products, including lightweight ballistic shields and medical stretchers using advanced polymers and inflatable technology. These products reduce blunt-force injuries and make protection easier to transport and deploy.

Founders: **Thomas Milo; Angelina Milo**