

Full Cycle is leading the global transition to circular systems, transforming organic waste into Polyhydroxyalkanoate (PHA): a high-performing compostable alternative to oil-based plastics.

Every part of the Full Cycle process is designed to be regenerative and sustainable. Our PHA does not rely on cultivated food crops, arable land, or GMO bacteria. By utilizing mixed organic waste streams, we divert waste from landfill and convert it into consistent, fully tailorable, and food-contact safe plastic packaging & products.

If not upcycled, our PHA can degrade in the soil or the ocean without harming the environment.



Saving the planet has never made more business sense with Full Cycle's technology



Lowest cost, lowest carbon PHA on the planet & competitive with oil-based alternatives



10x the revenue potential of your organic waste byproducts



Cuts CO₂e and methane emissions with each ton of feedstock diverted from landfill



A repeatable, regenerative solution that catalyzes the circular economy

Partner with us!

Email Ross Polk, Head of Growth at ross@fullcyclebioplastics.com



Full Cycle is leading the global transition to circular systems, transforming organic waste into Polyhydroxyalkanoate (PHA): a high-performing compostable alternative to oil-based plastics.

The rubbish from packaging materials accounts for nearly 50% of all plastic waste generated. With our PHA, we help companies like yours achieve sustainable packaging goals and replace oil-based plastics.

Full Cycle's proprietary process diverts organic waste from landfill and converts it into consistent, fully tailorable, and food-contact safe products. Our PHA does not rely on cultivated food crops, arable land, or GMO bacteria—making it a highly sustainable and regenerative solution.



Saving the planet has never made more business sense with Full Cycle's technology



Lowest cost, lowest carbon replacement for oil-based plastics on the planet



PHA that can be upcycled or can degrade harmlessly in the soil or the ocean



Cuts CO₂e and methane emissions with each ton of feedstock diverted from landfill



A repeatable, regenerative solution that catalyzes the circular economy & and strengthens your brand

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Whether your organic waste is costing you tonnes of money, or you just want to contribute to the circular economy and limit your environmental footprint, Full Cycle can help.

Our patented technology valorizes existing mixed organic waste streams like yours by converting them into high-value, non-toxic PHA. Our PHA does not rely on cultivated food crops, arable land, or GMO bacteria—making it a highly sustainable and regenerative solution to the current waste management and plastic pollution crises.



Saving the planet has never made more business sense with Full Cycle's technology



Increases revenue potential 10x per ton of organic waste & eliminates food waste



PHA that can be upcycled or can degrade harmlessly in the soil or the ocean



Cuts CO₂e and methane emissions with each ton of feedstock diverted from landfill



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