

LOCAL FARM COMPOSTING



GREENLIGHT GREENPAPER

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Solutioneers performed a research project to assist The Farm at Agritopia in making the best decision in regards to relocating their composting operation.



CREATED BY GREENLIGHT AT
ARIZONA STATE UNIVERSITY: TORIN SADOW | MORGAN
MOORE | WHITNEY SCHEDELER | KALEIGH JOHNSON |
FAVIAN HORTA | SARAH SPENCER

PROJECT PARTNER: THE FARM AT AGRITOPA
ERICH SHULTZ

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Challenges & Opportunities

The Farm at Agritopia is a modern village surrounding 11 acres of urban farmland in the Phoenix metropolitan area. They connect people with local produce and provide an array of culinary and cultural benefits to the community.

Agritopia came to GreenLight with the challenge of creating a composting system that would reduce their waste and begin to create a circular nutrition chain. The project team was tasked with considering the location of inputs, final compost application, spaces used by the public, and others.

Recommended Solutions

Solutioneers researched multiple methods of composting in order to determine which would best fit Agritopia's needs. The project team compiled research based on arid-region farms composting techniques before making a recommendation to the Farm at Agritopia based on this research.

We found that the large in-vessel system would be best as they give out a higher yield and can satisfy Agritopia's high output, require minimal labor that can be managed by volunteers, and is aesthetically pleasing for the visitors to see.

Project Benefits

BENEFITS TO PROJECT PARTNER

The Farm at Agritopia was presented with research-backed information from which they would create and maintain their composting operation.

BENEFITS TO SOLUTIONEERS

The project team had the opportunity to learn all about amid-climate composting techniques and the processes behind them. They researched and learned about different systems, their associated costs, space required, output produced, etc.

BENEFITS TO THE COMMUNITY

Agritopa now has the opportunity to educate the community on composting and to set a good example for other local farmers in the area.