

SPS +
ARCHITECTS



GREENLIGHT GREENPAPER

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Conducted a **3** day waste audit and employee questionnaire for SPS+ Architects, which resulted in a **61%** participation rate and the discovery that **73%** of its waste stream can be diverted from the landfill.

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SPS+ Architects wanted to improve their waste management operations, such as setting up recycling, composting, and other waste programs. They reached out to GreenLight Solutions to collect their office-wide waste data and provide recommendations, which includes researching and planning alternatives for waste diversion. Our team saw this as an opportunity to conduct a three day waste audit, employee questionnaire, and provide recommendations. In order to provide actionable, fitting recommendations to SPS+, our team started by identifying trends and determining a baseline of their current waste production.

Our main goal was to provide SPS + Architect with strategies to either reduce their waste, or divert it into recycling and composting streams. With that being said, we recommended partnerships with Recycled City and Terracycle, as well as gave them suggestions on digital platforms and reusable materials. Using Recycled City allows SPS + Architect to compost **3** of the **5** top items found in the waste audit, by weight. Furthermore, Terracycle allows this company to recycle many hard-to-recycle items, such as candy wrappers and snack wrappers, which were the remaining **2** of the top **5** items, by quantity.

Our Key Performance Indicators highlight the success and challenges of the project.

1. Collected **3** days of waste audit data ✓
2. Provided recommendations in a minimum of **3** sustainable categories in the company, including partnerships, food, drinks, paper, and education materials ✓
3. Aimed for an **80%** participation rate for the employee questionnaire, and received a **61%** participation rate

By following our team's recommendations, the SPS+ Scottsdale office can divert **73%** percent of their landfill waste.

BENEFITS TO PROJECT PARTNER

Through our team's analysis and recommendations, SPS+ Architects has the opportunity to achieve outstanding waste diversion rates. As the firm shares this success with their employees, clientele, and community, they will experience improved positive brand perception, employee retention, and gain a competitive advantage in the market against companies not prioritizing sustainability.

Benefits to Solutioneers

As Soltuioneers, we applied our knowledge learned from the classroom to a real-world setting while strengthening skills in data analytics, public speaking, graphic design, stakeholder engagement, project coordination, and sustainability reporting.

BENEFITS TO THE COMMUNITY

Providing recommendations to form a waste-free office environment is an example of how any large or small corporate space can operate in a more environmentally conscious way. When these sustainable practices are applied at the workplace, employees take these habits home with them to their day-to-day lifestyles, creating a positive ripple effect through households across our communities.