

 EmeraldEcovations.com

# Healthcare Case Study

## A Leading Hospital Reduces Waste and Costs with Emerald Ecovations



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ECO VATIONS**

A Division of Paradigm



**SUSTAINABILITY=HEALTH & WELLNESS®**

# Client

A major East Coast hospital sought to reduce its environmental footprint while maintaining strict hygiene standards. Their reliance on traditional paper-based and plastic food service disposables was leading to excessive waste and unsustainable purchasing costs. To meet their corporate sustainability goals and ensure compliance with new regulations, they needed a partner with expertise in sustainable, cost-effective solutions.



# Background

This large healthcare provider operates multiple hospital campuses, serving thousands of patients, staff, and visitors daily. Their food service operations consumed significant amounts of single-use cups, plates, utensils, and paper products.

With increasing pressure from internal stakeholders and state legislation pushing for sustainability, the hospital sought to transition to eco-friendly alternatives without compromising operational efficiency or incurring additional costs.



# Background

Key challenges included:

- **Reducing reliance** on plastic-based and tree-based disposables.
- **Meeting sustainability targets** while keeping costs manageable.
- **Ensuring compostable alternatives worked** within their existing waste management systems.
- **Educating staff** on the facts of renewable material from inception to recovery and training all on proper disposal of compostable products.



# Solution

Along with the hospital's service provider, Emerald Ecoventions worked closely with the hospital's facilities and food service teams to implement a tailored sustainability program:

- **Tree-Free & Plastic-Free Products:** We replaced traditional single-use plastics and paper disposables with compostable alternatives made from rapidly renewable fibers.
- **Cradle-to-Cradle Composting Integration:** Our team collaborated with the hospital's waste management provider to ensure proper sorting and composting of disposables, reducing landfill waste.





# Results

**57% reduction in plastic waste from food service disposables.**

**\$270,000 in annual cost savings by switching to tree-free solutions and reducing waste disposal fees.**

**Staff engagement improved, with 85% reporting increased awareness of sustainable practices in post-training surveys.**

# Conclusion

By partnering with Emerald Ecovations, this healthcare provider successfully integrated sustainable solutions without increasing costs or disrupting operations. Their transition to compostable, tree-free products not only aligned with environmental goals but also set a new standard for sustainable food service in the healthcare industry.





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