

Transforming Lives Through Clean Air: Building a Healthier East Harlem Together

Team

Cabomba



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Who We Are

- Cabomba: Innovative nanotechnology-based air filter company
- Collective Infrastructure (CI): Public benefit corporation focused on community engagement

Our Community

- East Harlem, New York City: Faces environmental burdens and limited access to clean air
- High poverty rates and low-income housing
- Disproportionate share of air pollution

The Challenge

- Residents struggle with respiratory illnesses due to poor indoor air quality
- Existing solutions are often expensive or require major renovations
- Lack of resident participation in past environmental initiatives

Our Solution: A Community Driven Sustainable Solution for Healthy Indoor Air

CI's resident-centered engagement strategy:

- Focus groups and workshops
- "Map My Carbon" app for data collection and education
- Empowering residents to advocate for clean air solutions

Cabomba's superior air filters:

- 99.9% pollutant capture (can reach HEPA filters)
- Low energy consumption
- Integrates with existing HVAC systems (cost-effective)

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This project goes beyond just installing filters. Our goal is to empower the East Harlem community to become active participants in shaping their environment. Cabomba and CI offer a powerful and impactful solution for East Harlem. By combining innovative technology with resident-centered community engagement, we can create a healthier and more sustainable future for this deserving community. We believe that **this project would serve as a model** for addressing air quality challenges in underserved communities across the nation.