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Title: Proposal for Sustainable Urban Planning and Renewal at Frostburg State University

I. Environmental Focus: Urban Planning and Renewal

II. Why Frostburg State University Needs to Improve in this Area: While Frostburg State University has made commendable strides in sustainability with recycling initiatives and the development of a microgrid to reduce power consumption, there remains an untapped potential for urban planning and renewal. The physical layout and design of the campus play a significant role in creating a sustainable and enjoyable environment for students and faculty.

III. Who to Collaborate With: To make this change, collaboration is essential. We should work with:

- University administration and facilities management for approval and support.
- Urban planning experts, architects, and environmental engineers for expertise.
- Students and the local community for input and engagement.

IV. Specific Recommendations for Improvement:

- **Comprehensive Master Plan:** Develop a comprehensive master plan that outlines the vision for the university's physical environment over the next 10-20 years. This plan should prioritize sustainability, green spaces, and efficient land use.
- **Renewable Energy Integration:** Integrate renewable energy solutions like solar panels on buildings and efficient lighting systems to reduce the environmental impact of campus operations.
- **Green Infrastructure:** Incorporate green infrastructure elements such as rain gardens, permeable pavements, and green roofs to manage stormwater effectively and enhance biodiversity on campus.
- **Pedestrian and Bike-Friendly Campus:** Redesign the campus layout to prioritize pedestrian and bike-friendly pathways, reducing the reliance on vehicles and promoting a healthier lifestyle.

V. Best Practices: Look at institutions like Stanford University, which has excelled in sustainable campus planning. Their commitment to sustainability includes green building standards, bike-friendly infrastructure, and green transportation alternatives.

VI. Utilizing Skill Sets: My skill set in construction and planning aligns perfectly with this project. I can assist in designing and implementing the proposed changes, ensuring that they are not only sustainable but also practical and cost-effective.

VII. Proposal Rationale: The physical environment of our campus significantly impacts the well-being and sustainability of our university community. With a well-thought-out

urban planning and renewal initiative, we can reduce our environmental footprint, create an inspiring educational atmosphere, and enhance the overall quality of life for everyone on campus.

By focusing on urban planning and renewal, we can address the need for a more sustainable campus, make the best use of available resources, and create an inviting environment that attracts both students and faculty. This initiative will align with the university's commitment to sustainability and set an example for the broader community.

VIII. Conclusion: Frostburg State University can take a significant step towards becoming a more sustainable institution by embracing urban planning and renewal as a vital aspect of its sustainability efforts. This project will not only enhance the campus environment but also inspire the entire university community to embrace eco-friendly practices.

With the support of university administration, collaboration with experts, and engagement from students and the local community, we can bring this vision to life, demonstrating our commitment to a greener and more sustainable future.