

The Green Breath for the Survival of Mankind in 21st Century using Sustainable Air Purifier

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Abstract: Air pollution, a concern both indoors and outdoors, necessitates effective solutions. While indoor air purifiers gain popularity, outdoor air quality remains crucial. Incorporating solar electricity into outdoor air purification systems offers a sustainable approach. These systems, powered by photovoltaic technology, filter contaminants from outdoor air, mitigating pollution and reducing reliance on non-renewable energy sources. Solar-powered solutions not only enhance air quality but also combat climate change by curbing greenhouse gas emissions. HEPA filters in indoor appliances further improve air quality, especially beneficial for individuals with respiratory conditions like asthma.

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