ISSUE

Dust particles on the surface of the earth are a major concern as they contribute to the health issues and air quality problems in our cities. The problem is exacerbated by the rapid urbanization and industrialization of the region. The dust particles can cause respiratory problems, allergies, and can also damage buildings and infrastructure.

IDEA

The proposed Dust-Collecting Skyscraper is designed to address this issue by acting as an air-purifying system. The skyscraper has several filters at different levels that capture and filter out the dust particles as air passes through it. The filters are designed to be energy-efficient and sustainable, reducing the overall impact on the environment.

Mechanical Part

- Dust enters the chimney through the ducts and enters the mechanical part of the system.
- The air is passed through multiple filters to remove the dust particles.
- The purified air then enters the forest purifier, completing the process.

Forest Purifier

- The forest purifier is designed to be lush and green, providing a natural environment for the air to be purified.
- The trees and plants help in removing the remaining dust particles, ensuring that the air is not only clean but also fresh.

Residential Area

- The residential area is designed to be energy-efficient, with green spaces and sustainable materials to reduce the environmental impact.
- The skyscraper also provides a unique and modern living experience, with stunning views and innovative design.