

# Project Green Challenge

## Day Thirteen

**Challenge:** Greener

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The earth will benefit greatly when you understand green construction better.

### **Bloomberg's European headquarters in London**

It has been rated one of the world's most sustainable workplaces, with a BREEAM grade of 98.5%

2.5 million polished metal "petals" conserve energy by enhancing heating, cooling, and lighting functions.

The ceiling consumes 40% less energy than a standard fluorescent workplace lighting system.

The building is partially powered by solar panels and features a net-zero flushing system that collects rainwater from the roof. In addition, vacuum toilets reduce water use by 73%.

### **Tips for creating more eco-friendly buildings and saving your money**

Use eco-friendly building materials - It reduces construction-related pollution.

Use cool roofs - By blocking solar heat, cool roofs may reduce building temperatures by 50°F. In addition, they safeguard the earth from being too hot by deflecting the sun's beams.

Set up solar, wind, and geothermal heating and cooling systems – It reduces household carbon emissions

Install rainwater harvesting systems - It reduces the use of municipal water supplies

I wish for a beautiful, sustainable, and eco-friendly future...

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### Project Green Challenge

- Day 13
- Urban Ecology
- Way to Go

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My Friend



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- Install rainwater harvesting systems

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