

## Greener Challenge - Day 11

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### Forests: The Living Network of Our Planet

- Forests produce oxygen, store carbon, and give home to millions of species.
- Discover five ecosystem services that sustain our lives — and how they connect to Peru.

#### Ecosystem Services:

##### 1. Clean Air and Oxygen: The forest we breathe

- Trees purify the air by absorbing CO<sub>2</sub> and releasing oxygen, keeping our atmosphere balanced.
- In Peru, Amazonian forests capture around 100 million tons of CO<sub>2</sub> every year, helping to stabilize the global climate.

##### 2. Climate Regulation: Guardians of the climate

- Forests store carbon and regulate Earth's temperature.
- When they are destroyed, they release that carbon — accelerating climate change.  
In the Peruvian Amazon, deforestation accounts for nearly 40% of our national CO<sub>2</sub> emissions.

##### 3. Water and Soil: Forests that give us water

- Trees filter water, prevent erosion, and recharge underground rivers.
- In Peru's highlands, cloud forests and ancient "amunas" (pre-Incan canals) help store water and supply Lima during the dry season.

##### 4. Biodiversity: The home of life

- Forests host 80% of Earth's biodiversity.
- Peru alone shelters over 2,500 tree species and 10% of the world's birds — many found nowhere else.
- Each destroyed forest is a burned library of life.

##### 5. Culture and Wellbeing: Forests that teach and heal

- Forests bring beauty, inspiration, and natural medicine.
- Indigenous peoples of Peru, like the Asháninka and Awajún, live in harmony with the forest — drawing wisdom, food, and healing from it.

The future grows among trees <3

- Forests give us more than resources — they give us balance.
- Caring for them means caring for our air, our water, and the soul of the planet.



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Les gusta a victorp\_2610 y otras personas

greentech.team2025 Every time I walk through a green space, I'm reminded that forests quietly keep us alive — giving us air, water, and balance. 🌳

In Peru, they are not just landscapes; they're living systems that sustain communities and dreams.

This project made me see how every leaf, every tree, is part of our shared heartbeat. 💚

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Hace 3 horas



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## What is a Forest?

- Forests produce oxygen, store carbon, and give home to millions of species.
- Forests act as the planet's lungs, absorbing about 2.6 billion tons of CO<sub>2</sub> each year – but that capacity is declining because of forest loss and climate stress.



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## The future grows among trees

- ✓ Forests give us more than resources, they give us balance.
- ✓ Caring for them means caring for our air, our water, and the soul of the planet.
- ✓ Small actions like planting a tree, reducing waste, speaking up – can make a big difference.





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