

Miyawaki Forest

Jad Se Majboot

(Stronger from the roots)

Development of a 9-Acre Forest Using the Miyawaki Technique



Environment conservation is about creating a sustainable future and healing the planet. Our cities need green lungs to counter the growing effects of climate change.

Using the Miyawaki technique, we're turning 9 acres of barren land into a thriving forest. **Over the next three years, we'll continue to care for this new green legacy.**



Building a forest stronger from the roots



The Vision

Transforming **9 acres** of barren land into a thriving forest using the Miyawaki technique.



Key Elements

5,500 native saplings, including fruit-bearing, flowering, and medicinal plants, planted to create a balanced ecosystem.



VoluNTTeering

Supported by **113 #NTTChangemakers**, we planted over **350 saplings**



Building a forest stronger from the roots



The Commitment

A three-year maintenance plan to ensure the forest's long-term **growth and sustainability**.



Key The Location

80 kilometers from Mumbai



The Impact

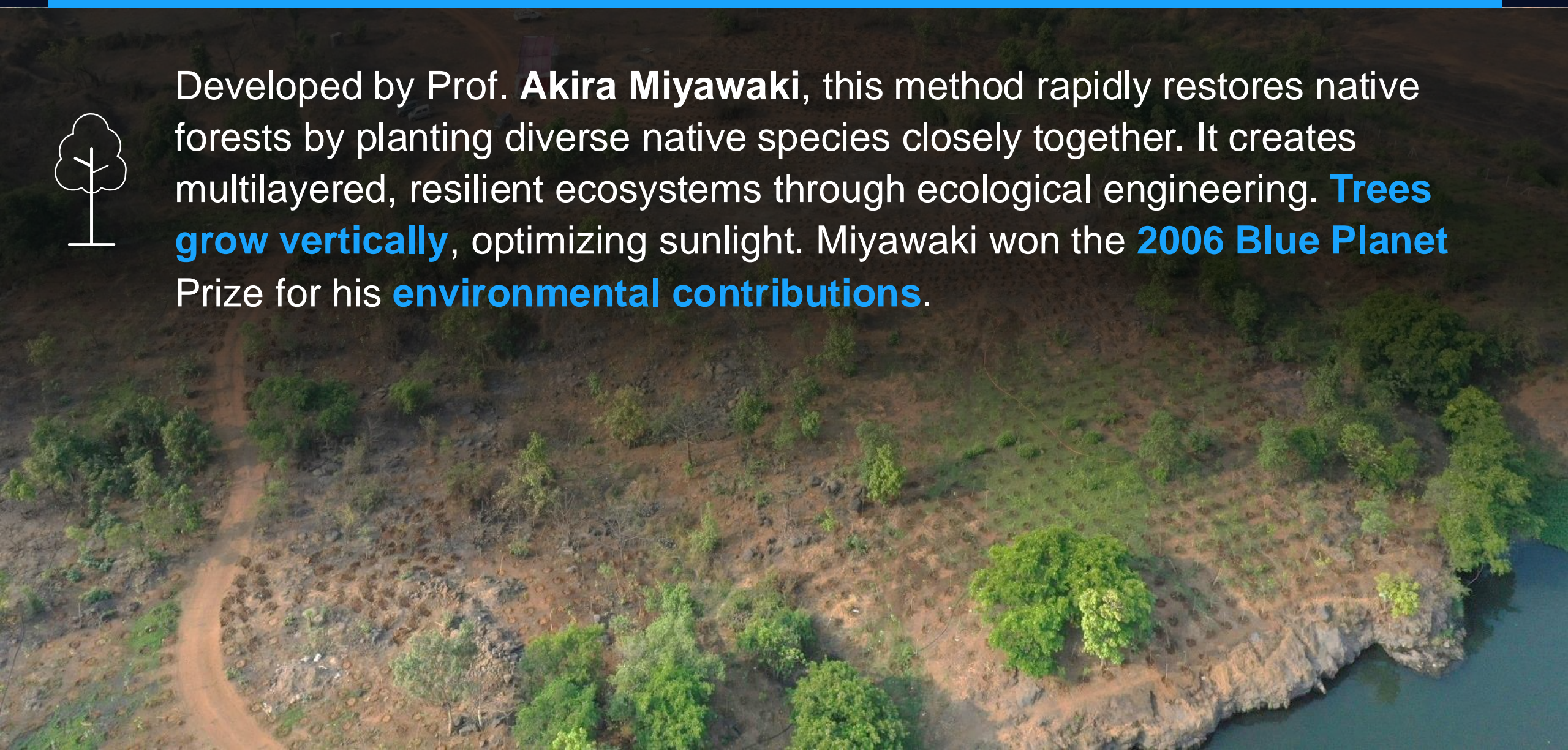
Improved air quality, restored biodiversity, reduced soil erosion, and a cooler, **greener environment**.



Miyawaki Forest: A Proven Forest Restoration Method



Developed by Prof. **Akira Miyawaki**, this method rapidly restores native forests by planting diverse native species closely together. It creates multilayered, resilient ecosystems through ecological engineering. **Trees grow vertically**, optimizing sunlight. Miyawaki won the **2006 Blue Planet Prize** for his **environmental contributions**.



Miyawaki Forest: A Proven Forest Restoration Method



Improves air quality



Faster growth & more dense



More biodiverse



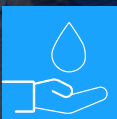
Noise reduction



Improves soil quality



Provides nesting place



Improves water percolation



The Need

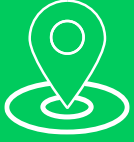


India loses over
1.5 million hectares
of forest annually



The **Miyawaki method helps** reverse this alarming trend by creating dense, CO₂-absorbing forests that restore **ecosystems and combat climate change**

The Need



Strategic Location

A forest land, chosen closer to Mumbai, to restore green cover near urban areas



Diverse Planting

5,500 saplings, carefully selected from fruiting, flowering, and medicinal plants to foster biodiversity



The Need



Empowering Communities

This initiative not only restores the environment but also benefits local communities by improving air quality and providing natural resources



Tailored Approach

While using the Miyawaki method, we've adapted it to suit the unique soil and land conditions, ensuring the forest thrives in harmony with its surroundings



Strong from the roots: Transforming Barren Land into a Green Haven



Environmental Impact

- ✓ Reduces surface temperature & improves air quality
- ✓ Strengthens the land's roots, supporting water retention, improving the water table, and reducing surface runoff



9 Acres | 5,500+ Native Trees

- ✓ **First Year:** Saplings are thriving, the land once barren is now green, symbolizing growth and resilience
- ✓ **Creating Opportunities:** Employment provided to locals from nearby villages



Biodiversity Growth

- ✓ In the coming years this forest will provide habitat for birds and small animals
- ✓ Enhances local biodiversity with rare, native plants

Strong from the roots: Transforming Barren Land into a Green Haven



Long-term Impact – Aligns with net zero ambition

- ✓ Absorbs hundreds of tons of CO₂, improving air quality and combating global warming
- ✓ **Roots of Sustainability:** Committed to long-term forest care in collaboration with the forest department ensures continued growth



Community Empowerment

- ✓ Fruits and medicinal plants offer nutrition and new livelihood opportunities
- ✓ Sustainable consumption methods enable local communities to thrive



