

Affores**
Native. Wild. Forever.



We are a company on a mission to bring back our native forests, by creating them. We use a methodology called the Miyawaki Method, invented by Dr. Akira Miyawaki in Yokohama, Japan in the 1970s.



Here is a 300 tree 1,000 Sq. Ft. forest in Whitefield, Bangalore.



3 years



We can make a forest of 300 trees in a space as small as 100 Sq Mtrs (1,000 Sq ft). This is Dr. Miywaki's first project in India. Started in June, 2009 with 30,000 trees.

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3 years



Backyard of a house. Location: Kashipur, Uttarakhand.



7 months



1000 Sq ft. 300 trees. Pilot Project in Polaris Financial Technologies, Chennai

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5 month old Afforestt project in Umbergaon, Gujarat.

Dr. Akira Miyawaki has planted more than 40,000,000. trees worldwide at 1700 locations. He brought this methodology to India in 2009



China



Kenya



Japan



USA



Malaysia



Brazil



India



Borneo Island



Thailand

Compared to a conventional plantation, these forests grow 10 times faster, they are 100 times more bio-diverse and have 30 times more green surface area. Our entire process is 100% organic

10x
growth

30x
denser

100x
biodiverse

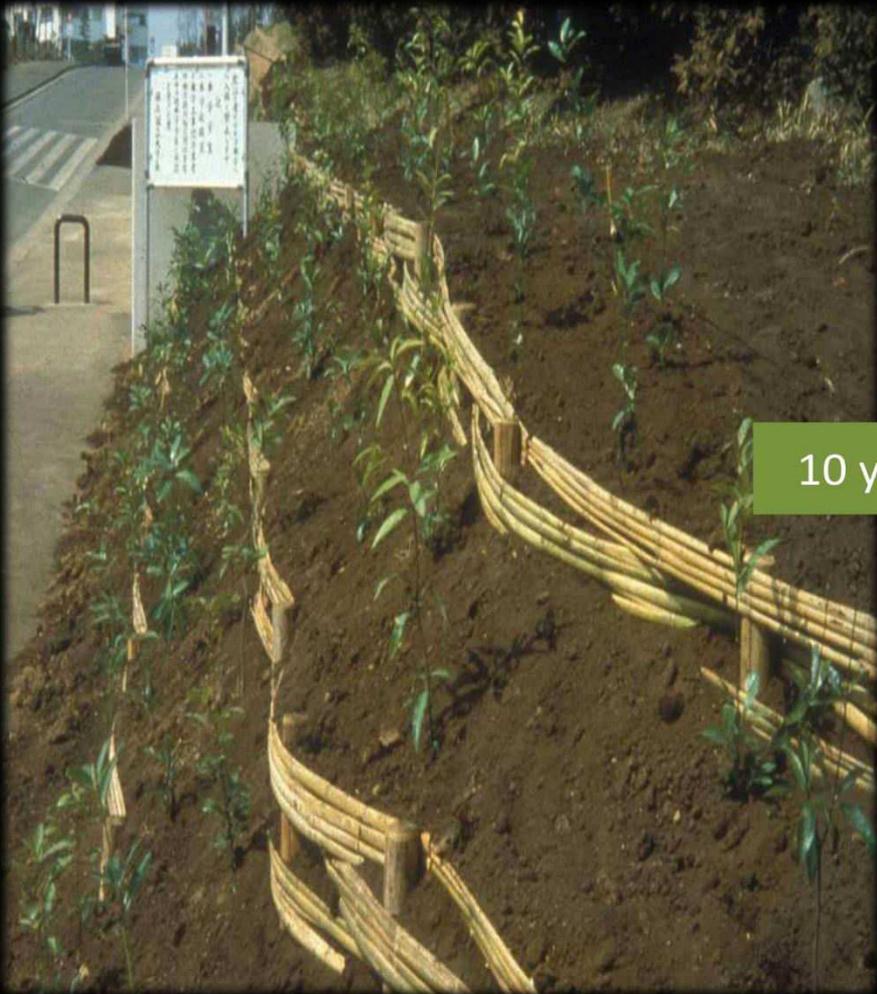
100%
organic

These forests retain ground water, thus recharging the ground water table. They attract more birds and insects, produce native fruits and improve air quality



Age of Forest : 2 years
No of Species: 52, all native
Plantation Density: 3 Saplings/Sq Mtr
Location: Bangalore

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10 years



Dr. Miyawaki's work in Yokohama University, Japan



10 years



Afforestation next to a steel factory in Japan

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10 years



This is what Afforestt is targeting to achieve in India

Affores 木木



10 years



This is what Afforestt is targeting to achieve in India

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TOYOTA, INDIA – Excellent Results

1.a) Cricket Ground (ref Quality Bldg)



1.b) Cricket Ground (ref. Gate #1)



1.c) Near TTI (ref. Eucalyptus tree)



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**AFFORESTT – 73 FORESTS, 24 LOCATIONS, 5 COUNTRIES,
192870 TREES.....AND GROWING**



Affores 木木

AFFORESTT – 73 FORESTS, 24 LOCATIONS, 5 COUNTRIES,
192870 TREES.....AND GROWING



Affores**

No to Lawns



- Regular maintenance required.
- No output. Occupies ground
- Thin single layer greenery.
- Does more harm than good to the environment.

Yes to Forests



- Maintenance Free
- Gives you fresh fruits. Occupies empty space.
- 30 times more CO2 absorption and water retention.

No to conventional plantations



- 1 Tree per 10 Sqmt
- Limited Varieties
- Single layered greenery
- Extensive maintenance
- Susceptible to pests and diseases

Yes to multilayer forests



- 30 Trees per 10 Sqmt. (100 Sqft.)
- Minimum 50 different species.
- Multi layered green forest.
- Maintenance free.
- 100% organic, 'Zero' pesticides used.
- Natural biodiversity.

The Afforestt way...a 6 step process



Soil Survey



Native Species and biomass Survey



Sapling Preparation/ Procurement



Prepare Soil and Mound



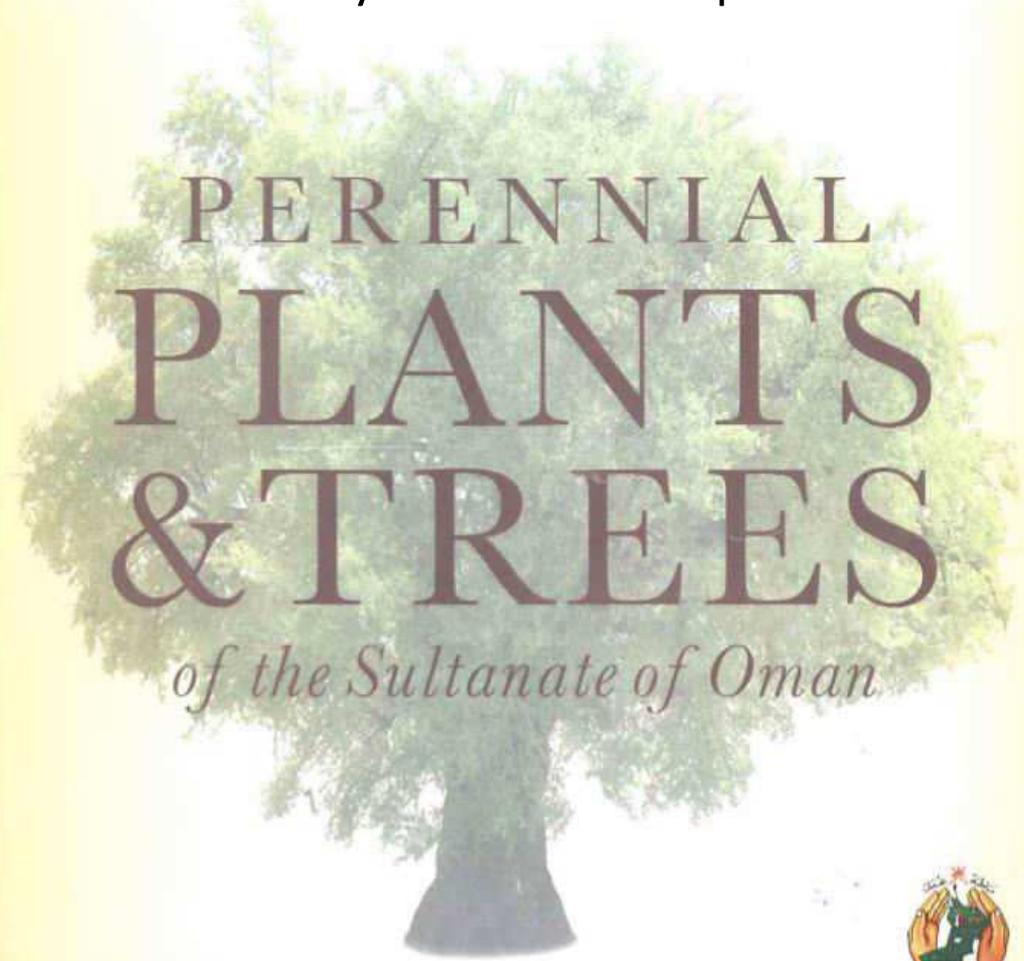
Plantation with community



Maintenance and growth monitoring

Location of a prospective Afforestation site in Muscat, Oman





PERENNIAL
PLANTS
& TREES
of the Sultanate of Oman





*Native Plants
and Trees*

Theoretical survey of native tree species of Oman

Qusum

Ziziphus Hajanensis

Distribution Areas



*It grows on rocky slopes and woods
(western and eastern Hajar ranges).**

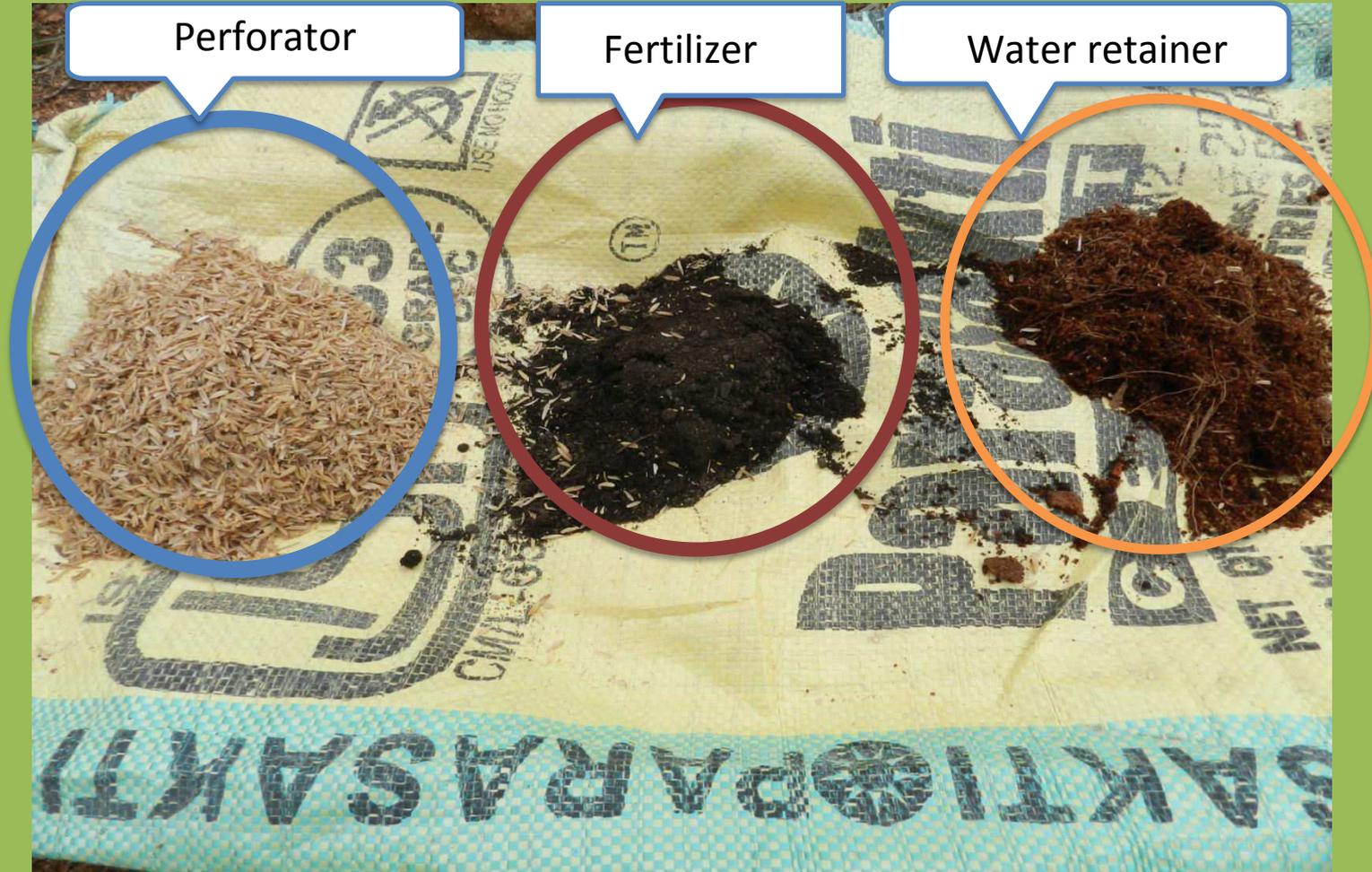


DESCRIPTION: Rhamnaceae family, medium sized, multi-stemmed tree, similar to sidr tree in its leaves and spines and different in fruits, which are rarely eaten by humans as opposed to sidr fruits. Animals feed on its fruits and leaves. Powder extracted from leaves is used by women on hair to make it lustrous and healthy.

Area mapped for physical native species survey in Oman



Key Steps - Bio Mass mixture is made using 3 types of material, to improve the soil's fertility, perforation and water retention capacity



Key Steps - Digging the soil up to a depth of 1 meter



Key Steps - Mixing the biomass into the soil



Key Steps - Dense plantation on the mound prepared



Key Steps - Mulching



How we do it!



DAY 1

saplings of 50 to 100 native species
planted at a density of 3~5/Sq. Mtr



2 YEARS

the forest becomes self-sustaining after
2 years of watering and de-weeding.



10 YEARS

growing undisturbed, it becomes
equivalent of a 100 year old natural
forest.

Growth monitoring using KPI (Key Performance Index)



In past 2 years, average growth of forest is 1.5 Mtrs. /Year.

Average height of forest is 3.4 Meters in 2 years. With tallest tree measuring 8.8 meters.

Example of very poor soil at an Afforestt site in Indore, MP



1 meter deep trench dug up for soil preparation



Mixing of biomass



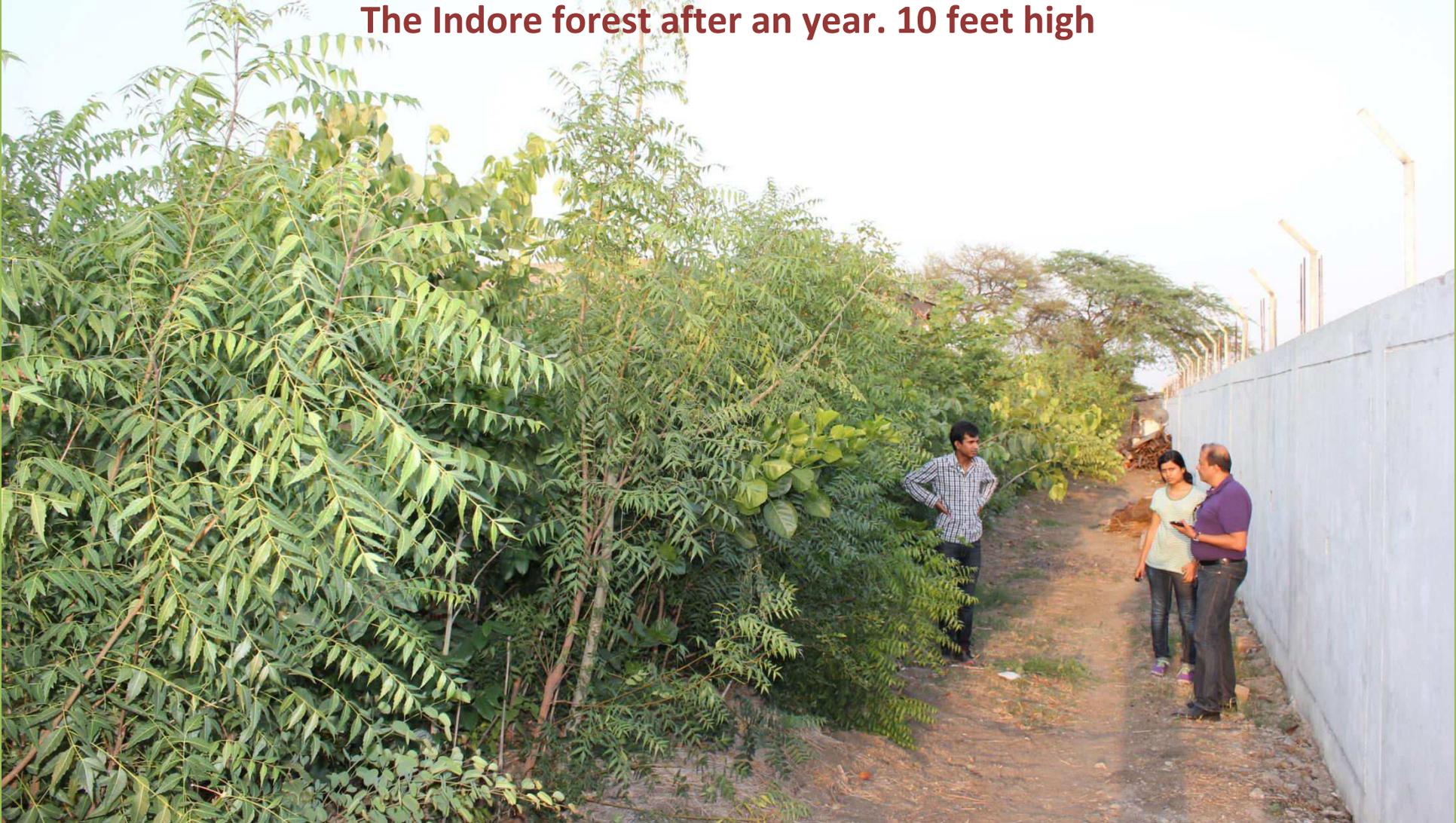
Plantation at the Indore site



Day 1 of the forest in Indore



The Indore forest after an year. 10 feet high



Concept Forests – A sitting area designed inside a forest



Curved Forest patches with sitting area.

Afforestation area= 500 Sq mtrs.
= 1,500 Saplings.

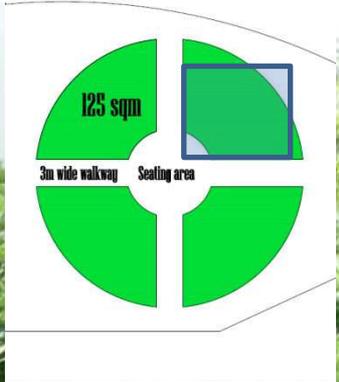
PROPOSAL -02



Sitting area

1

2



2 years old, 3 mtr wide curved forest with sitting space

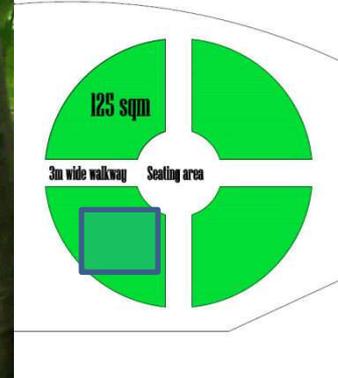
3 Inside the walkway, 2 years old, 3 meter wide

3

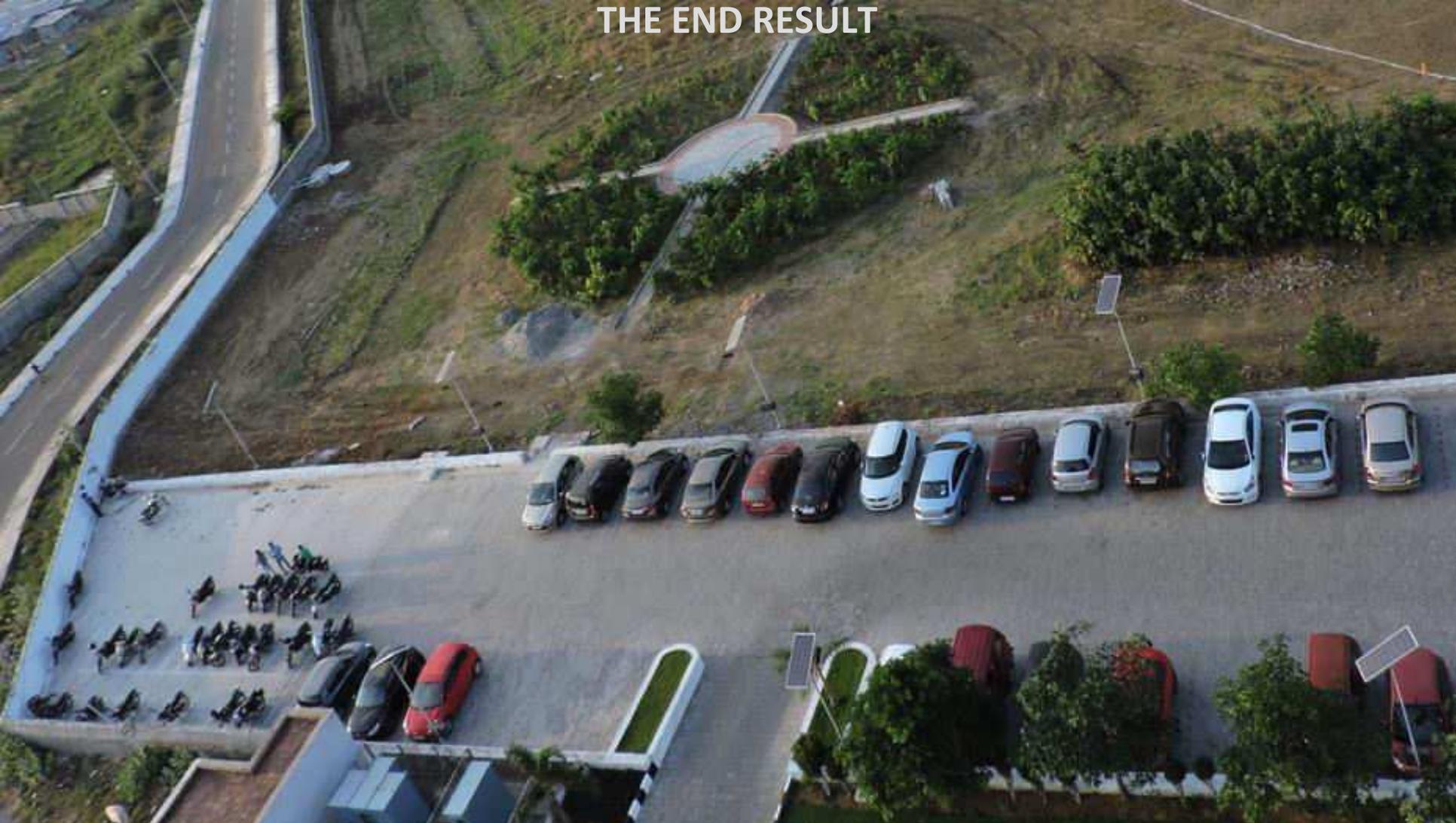


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Inside the forest, 2 years old, 4 mtr wide



THE END RESULT





Thank you.

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facebook.com/groups/urbanforestpakistan

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