





TREEZY



“Treezy is simplifying microforestry and tree cover with digitally curated saplings inventory”



# 21 of the world's 30 cities with the worst air pollution are in India

FEBRUARY 25, 2020 | HELEN REGAN



How to erase **100 years** of carbon emissions?



How to erase 100 years of carbon emissions?  
**Plant trees**—lots of them.

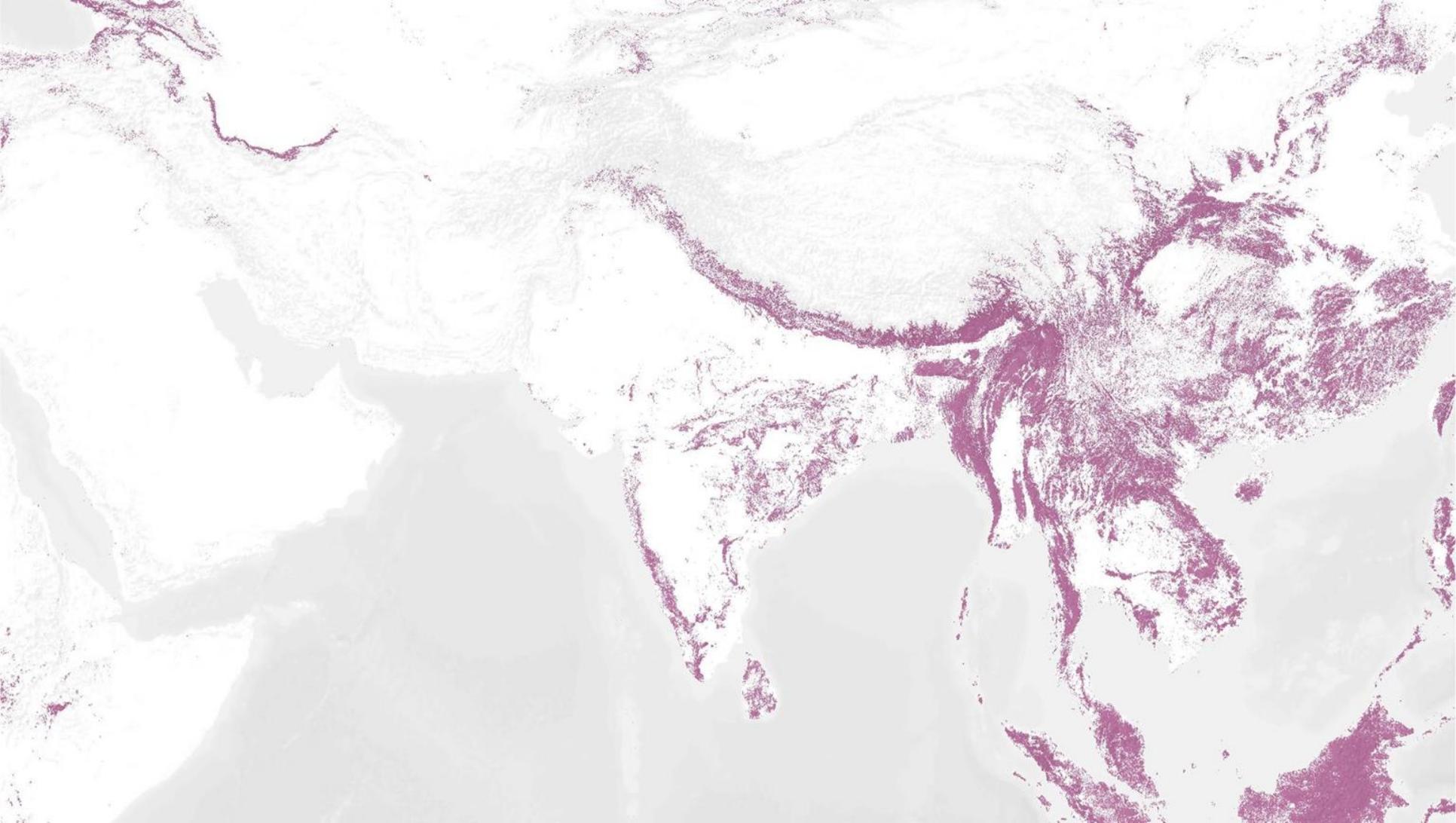


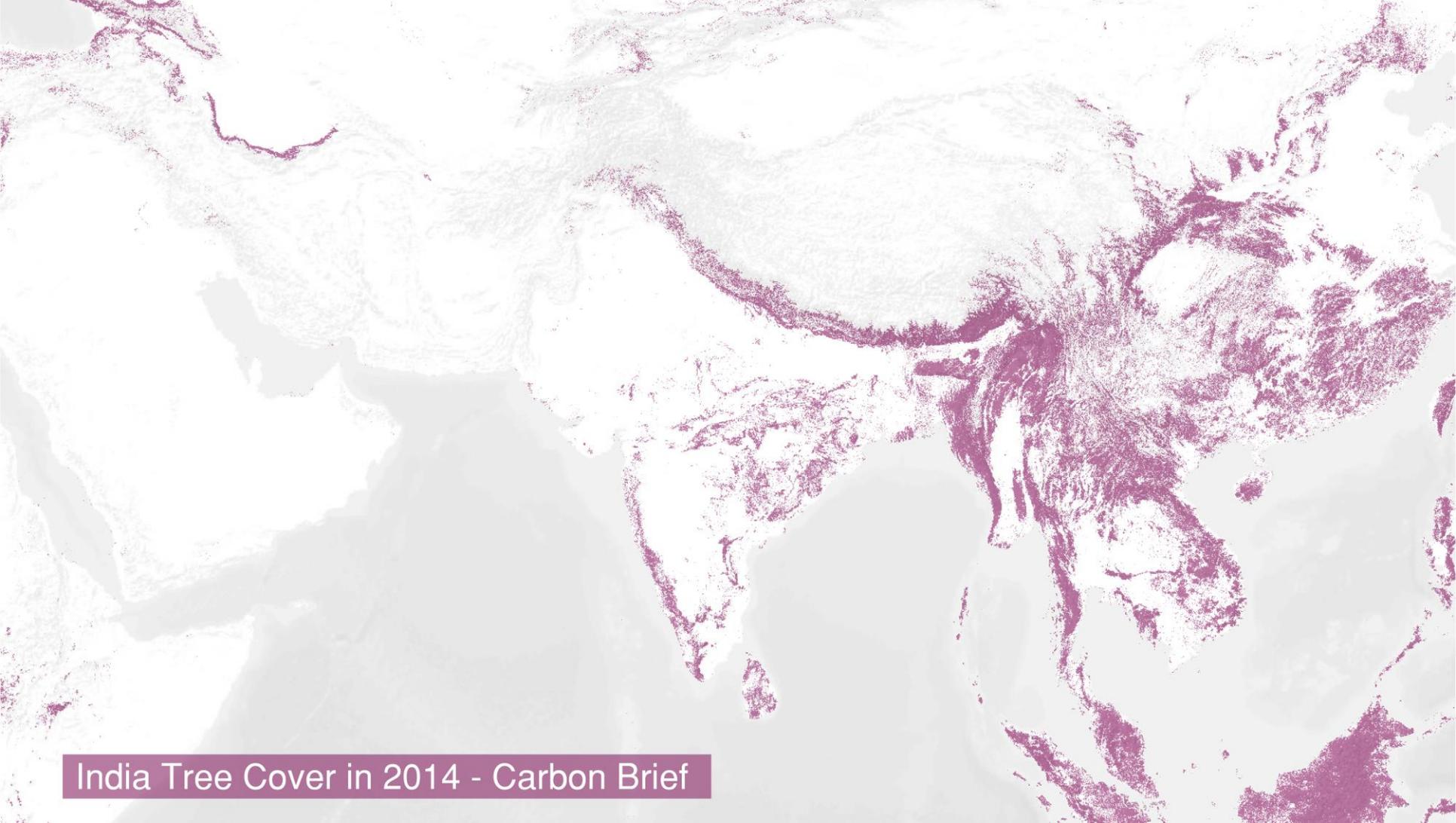


A grayscale photograph of Emmanuel Macron and Narendra Modi shaking hands. They are standing in front of several Indian national flags. The image is semi-transparent, allowing text to be overlaid.

## Paris Agreement: (2030 - India Targets)

By 2030, India aims to put **33%** area under tree cover  
That means more than **30 million** hectares of trees to be planted





India Tree Cover in 2014 - Carbon Brief



SCOPE OF TREEZY



An aerial photograph showing a paved road with a white truck parked on the right side. The road is flanked by a dense, green forest on the left and a sandy area on the right. A utility pole with wires is visible in the center of the image. The text is overlaid on the right side of the image in white boxes on a purple background.

Urban forestation

Tree cover increase

Microforest systems

Digital monitoring

# An extension of your own forest.

The easiest way to parent a healthy  
tree in your space or with millions of  
other trees.



Treezy



4 national nurseries

Collaboration experience of more than 25 years

1000 + personnel with more than a million

saplings already planted



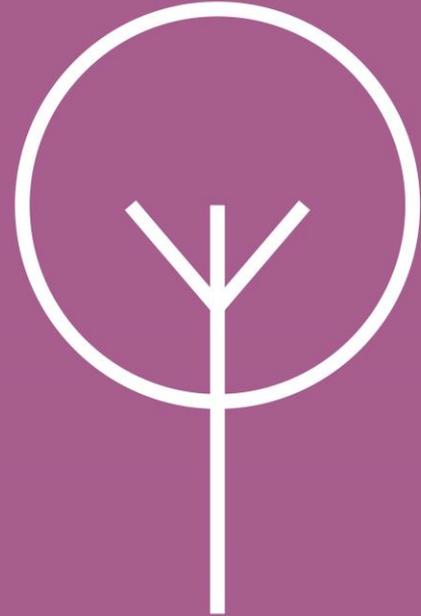
User



Treezy



User can scan the sapling to access  
into the digital inventory

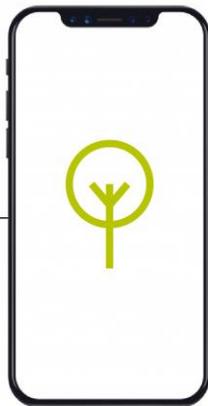


Name : Alex  
Age : 16 months

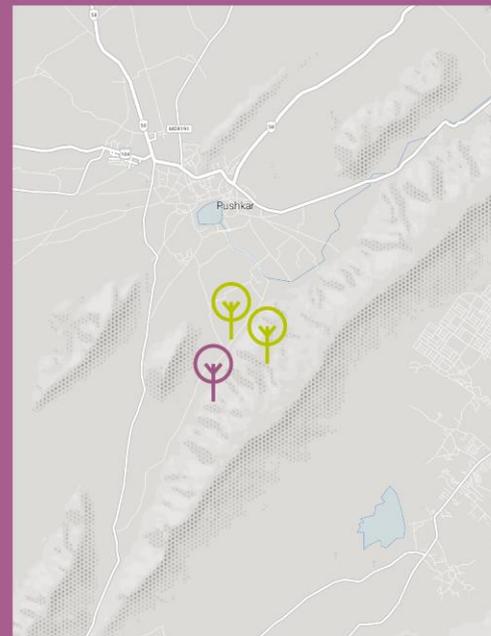
User



Treezy



GPS enables location verification on  
the Treezy database



Location Verification

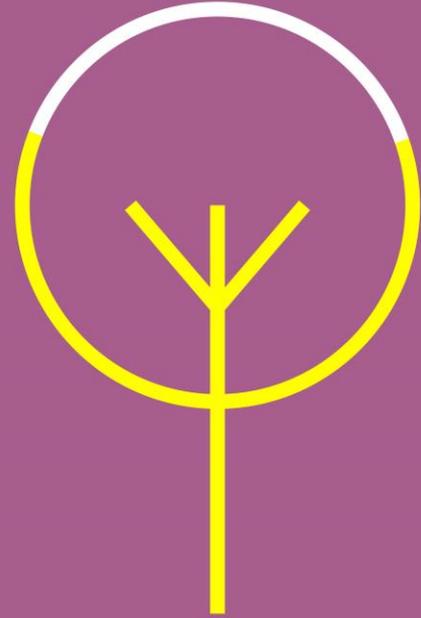
**User**



**Treezy**



Health monitoring system to be digitised  
as well



Health Indicator (Infrared Mapping)



MICROFOREST MAKING



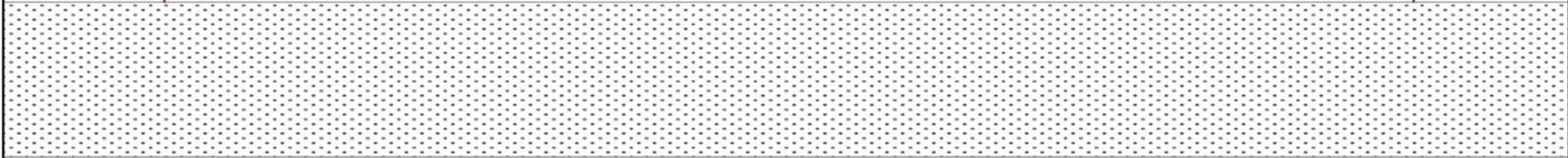
Dense plantation

Native Species

Organic conditioning

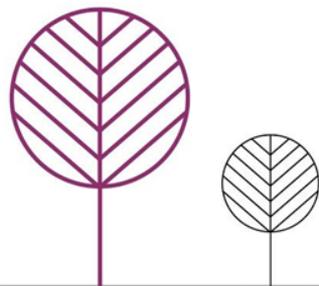
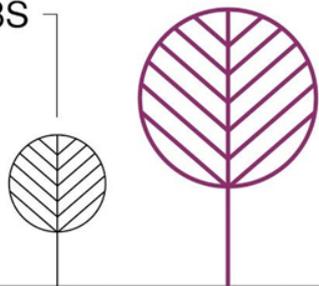
Healthy competition

SHRUBS



SUB-TREES

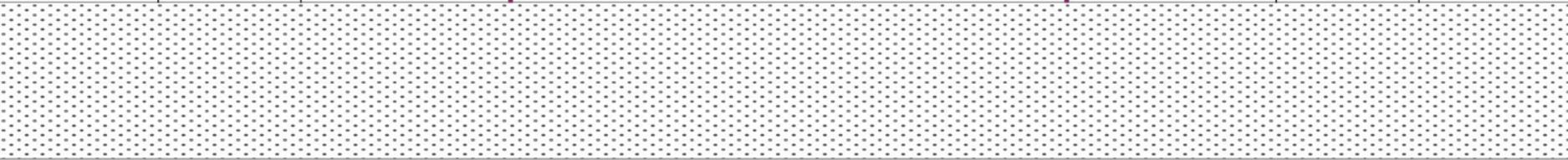
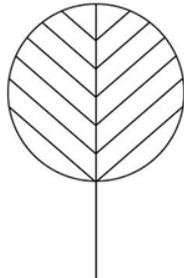
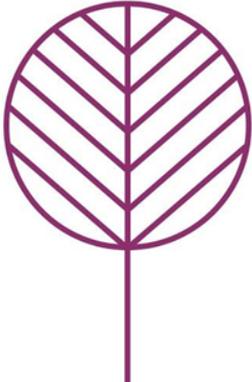
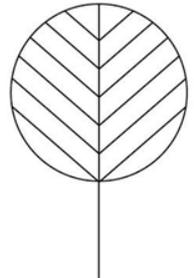
SHRUBS



TREES

SUB-TREES

SHRUBS

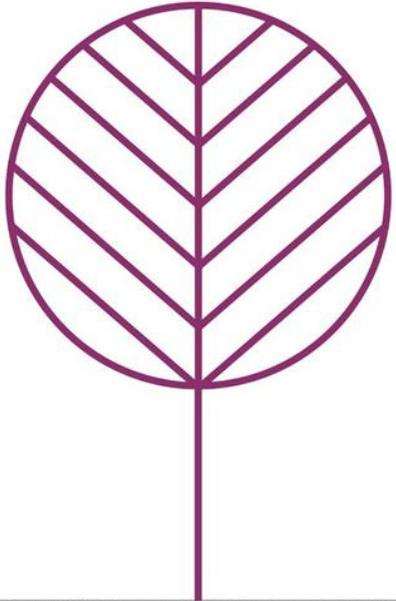


CANOPY

TREES

SUB-TREES

SHRUBS



Profile making at location



Excavation for loosening of soil



Reintroduction of loosened soil with mixed biomass



Grid module with 3 saplings per m<sup>2</sup>



Insertion of saplings as per modules of native species



Day - 0 | Addition of mulch in order to protect top soil



Day - 6 | Barricading for further layering



Day - 42 | Apparent growth of forest system





Forest Area : 160 m<sup>2</sup>

Total Saplings : 512

Saplings per m<sup>2</sup> : 3.2



Sequesters 25,000 pounds of carbon each year  
worth 3 car's emission per year







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