

Indonesia

**Promoting Green Wall Program to Restore Ecosystem services of Gedepahala Landscape
News from the Field (July 2022–June 2023)**

**August 2023
Conservation International¹**



Green wall areas

15th year of the Green Wall Program

This partnership between CI, Gede Pangrango National Park and Daikin Corporation first started in 2008, and has now entered its 15th year. The program is designed to create 300 hectares of Green Wall consisting of 120,000 trees and vegetation through a community reforestation

¹ Conservation International Indonesia established Konservasi Indonesia as a local subsidiary in 2022, and Konservasi Indonesia has assumed and carried out the activities.

program at the targeted/upstream area. Once complete, the reforestation will also provide a number of benefits to local communities.

During the period between June 2022 and July 2023, several activities were conducted in the field such as continued monitoring of the 120,000 trees planted to date and maintenance of reforestation efforts, conservation education, continued monitoring for animals, as well as monitoring and maintenance of signboards.

Continued Monitoring and Maintenance of Reforestation Efforts

CI has continued to monitor the reforestation site to check the impacts caused by factors such as weather, pests, and human activities in the surrounding area. Besides data collected in every annual monitoring, we also conducted general monitoring each month together with the park rangers and local community.

During the annual monitoring conducted in August 2022 with local community members and seven park staff, we obtained data on the development of planted trees. In general, 97% of planted trees are growing well, with most of the trees bearing fruit. Ripe fruit seeds that have fallen to the ground have also started to sprout, indicating the natural regeneration process.

A comparison of data from the past three years indicates each tree is growing steadily (Table 1).

Species	Average	
	Diameter of the tree (cm)	Tree height (m)
Rasamala (<i>Altingia excelsa</i>)	17,1	8,3
Puspa (<i>Schima walicii</i>)	13,9	9,1
Manglid (<i>Mangleitia glauca</i>)	14,1	9,1
Kisireum (<i>Neolitsea javanica</i>)	14,6	10,2
Suren (<i>Toona sureni</i>)	21,5	13,2
Lame (<i>Alstonia scholaris</i>)	22,8	10,1
Janitri (<i>Elaeocarpus pierrei</i>)	15,1	9,4
Salam (<i>Eugenia clavimirtus</i>)	15	10,1

Diameter and height of trees from the past three years (2020-2022)



Monitoring activity in the field



Measurement of tree diameter

Environmental Education

In March 2023, Konservasi Indonesia, working with national park staff and local partners, hosted 25 participants from the private sector (MSIG Indonesia) to observe the green wall project. During the visit, we shared our findings through discussions on the restoration buffer approach and how the green wall impacted and delivers the benefits to the local community. During field activities, participants were tasked with creating an actual survey plot, checking the tree species present in the plot, and counting the number of trees for each tree species according to the growth stage of the tree.



Field work involved demarcating a survey plot and observing tree species and their numbers

Monitoring of Wildlife in the Green Wall Area

The restored forest in the Green Wall Program serves as an important habitat for wildlife in the region. Each year, CI conducts surveys on wildlife in the Green Wall area to track changes in the number and species of wildlife. In January 2023, together with park staff and local community members, we continued monitoring, particularly observing frogs visually in the green wall forest areas. Please see below for the species.



Asian Giant Toad (*Phrynoidis aspera*)



Crabeating Frog (*Fejervarya Limnocharis*)



Rice field frog (*Fejervarya cancrivora*)



Hasselt's litter frog (*Leptobrachium hasseltii*)

Signboards

Five project signboards have been installed on site, which are monitored by CI every month. All five project signboards remain in working order.



Sign board 1



Sign board 2



Sign board 3



Sign board 4



Sign board 5

Next Year's Plan (July 2023 to June 2024)

We will continue to monitor the flora and fauna in the Green Wall area as well as the management of signboards and continue with conservation education activities for school students.

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