

TENKEEGA ASSOCIATION

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Goèma Pilot Farm (FPG)

Water, Earth, Greenery.

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News from Goèma from January to May 2025

Surveying of a hedgerow perimeter in the village of Koutoumtenga (commune of Boussouma) began in January 2025, following several consultation meetings with the population and visits to Guiè. Technicians began the project with preliminary studies and surveying work. The site of the future perimeter of approximately 80 hectares will soon be restored thanks to the Sahelian bocage. Greenery will reclaim its rightful place on these arid lands!



The development of the Mambogo bulli was one of CAF's main activities. After several topographical studies, the development work began with the digging of a double waterproof trench to serve as the foundation for the bulli's dike, followed by the digging of the spillway to drain excess water in case the bulli becomes full, and finally the digging of a large pond in the center of the bulli to store as much water as possible.



Nearly a hundred contract teams (around 500 people) participated in the labor-intensive work involved in the various excavations and the construction of the bulli dam, which is approximately 200 meters long.



The development work on the forest road connecting Koutoumtenga-Fouti and Douré was carried out by the Goéma farm. After completing the survey of this 13-kilometer road, the HIMO project to dig tree holes was launched. In total, nearly 1,400 tree holes ranging in depth from

1 to 3 meters deep were dug by more than 1,000 people. The depth of the holes depends on the nature of the soil. When the soil is soft, holes one meter deep are dug, but when it is hard (lateritic), root wells are dug, i.e., holes are dug until the lateritic layer is passed through to reach the soft soil below. We are waiting for the rainy season to start planting trees to green up this track.



The Zipellé revegetation operation was implemented for the first time in Koutoumtenga. Preliminary meetings were held with farmers to identify beneficiaries and select fields. completely plowed (degraded). In total, around 100 fields were targeted for this operation. The work began with a tractor equipped with a heavy cultivator passing through the fields non-stop. The farmers then dug zaï holes and placed compost in them, under the supervision of the facilitators. A total of 7,000 bags of chicken manure-based compost were distributed to farmers to fertilize their fields as part of this degraded land restoration operation.



As part of their ongoing outreach work, the facilitators organized awareness-raising sessions in several villages, including Koutoumtenga, Douré, and Fouti, to present the benefits of establishing a hedgerow perimeter. These meetings also provided an opportunity to present other activities carried out by the TENKEEGA association. At the end of the sessions, several farmers from different neighborhoods expressed their commitment to actively participate in the proposed actions.



In our test fields, work began with the digging of zaï pits, followed by the addition of compost (poultry manure). Good rainfall will allow sowing to begin in June. So far, no rain has been recorded from January to May.



In the section dedicated to agricultural equipment, the "non-stop" heavy cultivator began operating in May. So far, it has been used in nearly 60 fields in Koutoumtenga and surrounding villages, covering a total area of 60 hectares.



At the nursery, the nursery workers have started a new production of plants.

More than 2,000 species, including *Khaya senegalensis*, *Adansonia digitata*, *Tamarindus*

indica, and *Parkia biglobosa*, are currently being produced. A temporary, fully fenced seedling production site has been set up in Koutoumtenga for the nursery.



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