

VETIVER SYSTEM - RAILROAD PROTECTION AND STABILIZATION



This 200 km railway in eastern Madagascar was devastated by cyclones due to lack of maintenance and cultivation in the right of way. A plan linking the railway, farmers and vetiver was put in place, with a result that the railroad is now stable, operates without slope failure, and the farmers have better incomes



VETIVER SYSTEM FOR RAILBED STABILIZATION



The China Vetiver Network and the China Railways worked together to stabilize this very sandy and unstable fill embankment. Bottom left - three years after planting. Stable railroad track.



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Australia, Queensland. Railroad tunnel entrance, drain underpass and railway batter cut all stabilized with vetiver grass hedgerows at 1/20 of the cost of standard practices.



Australia – Vetiver treatment of railroad batter



MADAGASCAR :

**Railway between
Tananarive and
Tamatave (Yoann Coppin)**



**25.000 Vetiver were
planted in August
2013, total 2.500m in
length, with a spacing
of 0.60m between the
rows.**

