Objectives

- Introduce greatly improved bicycle design appropriate for use in poor rural Africa to improve transportation and health care delivery.
- Ensure that semi-literate people in Africa, with limited access to electricity (no power tools), can build bicycles from locally available materials and components.
- Introduce bicycle-building skills in Africa that can be used to develop manufacturing capability to serve Africa’s needs and create employment and business opportunities.

Information

The Bamboo Bike Project is a collaboration between scientists and engineers at Columbia University and a bicycle builder from Calfee Design. The project has been initiated with seed funding from The Earth Institute at Columbia University. Understanding Earth as one integrated system, The Earth Institute at Columbia University is working to achieve sustainable development through education, scientific research, and action.

For more information about The Earth Institute at Columbia University, please visit: http://www.earth.columbia.edu.

Donations

To make a tax deductible financial contribution to the Bamboo Bike Project, please send check payable to “Trustees of Columbia University” to:

Bamboo Bike Project
LDEO
61 Route 9W
Palisades, NY 10964

or visit: bamboo bike.org