

## PFD Tanzania Program Summary

**Partners for Development (PFD)** will monetize 15,750MT of Hard Red Spring Wheat and use the proceeds over a three-year period to implement an agricultural development program, directly benefiting 31,250 small-holder farmers in 11 to 13 regions of Tanzania.

The program goal is to diversify and increase the incomes of rural, small-holder farmers through the expansion and commercial utilization of ***Jatropha curcas***, commonly referred to as Jatropha. In addition, the program will improve food security and nutrition amongst participating households. The program will also build the capacity of national partners to work with smallholder farmers to cultivate and process Jatropha, thereby mainstreaming Jatropha into the economy for industrial uses, contributing to national energy policy, and creating income growth along the value-added chain.

In implementing the program, PFD will work with main partners **Pamoja, Inc, Jatropha Products Tanzania Limited, and Faida MaLi**, as well as other local organizations.

**Jatropha** is a multi-purpose tropical hedgerow shrub. Drought-hardy Jatropha makes an impenetrable living fence, unpalatable to grazing animals. Jatropha seed produces oil that can be used for various purposes including medicinal soap, cosmetics, biofuel, lubricants, lighting and cooking. The by-product seedcake is a nitrogen-rich organic fertilizer and fuel for biogas digesters. Jatropha plantings promote soil conservation and help to reclaim degraded land, without taking field space needed for food crops. Hedge rows and mini plantations of Jatropha offer smallholders a perennial cash crop to diversify and multiply family incomes. ([www.jatrophaworld.org](http://www.jatrophaworld.org), [www.jatrophabiodiesel.org](http://www.jatrophabiodiesel.org); "Green Gold in Shrub," Scientific American, June 2007 and "Former Weed May Fill World's Fuel Tanks," Christian Science Monitor, 8 May 2007)

**Rural Tanzanian women and men** are eager for new cash crops, as illustrated by responses to Jatropha pilot projects. These pilot projects spread awareness of Jatropha's uses in two districts of the Arusha region in northeastern Tanzania. The current program, building on past success, will:

- Build awareness among rural populations and local government officials about Jatropha's uses and markets through the development of a training center and educational materials.
- Train individuals and small groups in the cultivation and processing of Jatropha.
- Increase the amount of planting materials available locally, by supporting local nurseries.
- Develop local collection and buying points to provide reliable markets for Jatropha growers.
- Support and train smallholder producer groups to set up and manage community collection and buying points for Jatropha.

- Create marketing linkages between urban buyers and rural, smallholder suppliers of Jatropha.
- Promote improved cook-stoves and lamps that burn Jatropha oil.
- Promote intercropping of appropriate produce with Jatropha to improve household nutrition and increase access to and use of nutritional foods.