



Facts about the Gates Foundation Grant

- The grant will begin by implementing technology design and development facilities in Ethiopia, India, Nepal and Myanmar where private facilities and expertise are readily available. (IDE has a research and design base in India and Nepal that has been underway for a number of years.)
- The grant from the Gates Foundation will fund the research and development of 13 water technologies that have been identified as promising for further cost reduction, greater efficiency or redesign for specific needs of small-hold farmers. (These are affordable wells, treadle pumps, deep-set manual pumps, rope pumps, micro-diesel pumps, solar pumps, wind-driven pumps, header bags for drip systems, enclosed water storage, lined ponds and tanks, drip irrigation technologies, low-pressure sprinkle systems and piped mini-surface systems.)
- The systems will be rigorously tested through technical development, field trials, market testing and marketing to farms in the grant countries. Then ‘value chains’ are created through recruitment and training of manufacturers, assemblers, wholesalers, dealers and installers. A ‘value chain’ is a link among farmers, traders, transport, collection centers, credit and market outlets.
- IDE works with farmers to analyze crops, water resources and the most applicable technologies for the highest returns for farmers. IDE implements village-level marketing, education and social mobilization to ensure farmers’ sustained success.
- IDE draws on the experience of country programs and those of partner organizations, Keller-Bliesner Engineering, LLC and PRACTICA, IDE-India, Winrock International and others.