

### Project Fact Sheet- Innovation Jatropha

<b>Project Title</b>	<b>Jatropha Biodiesel Based Water Pumping for Irrigation in Poor Terai Communities</b>
<b>Project Period</b>	<b>Jan 1, 2008 – Dec 31, 2008</b>
<b>Donor</b>	<b>Winrock International Innovation Fund</b>
<b>Project Background</b>	Nepal is largely an agriculture based country where 80% of the population depends on agriculture for income and employment. However, poor irrigation facilities and access is one of the major reasons for low agricultural productivity in the country. To address this issue, WI-Nepal, with funding from Winrock International innovation program, the project was implemented in coordination with Poverty Allevation Fund (PAF) in PAF Group in Siraha District with the local partner organization, Center for Integrated Rural Community Development, Nepal (CIECOD-Nepal).
<b>Projective Objective</b>	The main objective of this study was to enhance the use of locally available Jatropha seeds as an alternative source of energy to operate irrigation pumps in the Terai region of Nepal.
<b>Activities/Components</b>	<ul style="list-style-type: none"> <li>• Identification of 10 community user groups</li> <li>• Preparation of awareness material and awareness program</li> <li>• Awareness programs, as well as capacity building activities</li> <li>• Establishment of small scale expelling center</li> <li>• Inventory of available Jatropha seeds and waste lands in 9 more communities</li> <li>• Establishment of 10 community owned water pumping facilities</li> <li>• Operation and maintenance training</li> </ul>
<b>Accomplishments</b>	<ul style="list-style-type: none"> <li>• A pro-poor Jatropha collection mechanism was established at community level</li> <li>• Established a small scale expelling plant (bio-diesel plant) in Siraha district</li> <li>• Supported establishment of a community-owned water pumping facilities, Jatropha seed inventory, awareness programs in 9 other communities, as well as capacity building activities</li> <li>• Post installation activities to be continued under the biofuel promotion project supported by Wuppertal Institute for Climate, Environment and Energy (WISIONS), Germany.</li> </ul>