

Project Fact Sheet

Project Title	Strategy to Reduce the Fossil Fuel Consumption in Nepal
Project Period	From September 2009 to 30 December 2011
Donor	Rockefeller Brothers Fund (RBF)
Project Background	<p>The energy demand and consumption pattern is soaring in some fast developing countries including India, China, Brazil and developed countries due to their rapid economic growth in the recent years. Energy is used in almost every sector of development process namely: transportation, residential, services, agriculture and industrial --mostly dominated by fossil fuels. Fossil Fuels are the most crucial form of energy for fulfilling the current global energy demand. The fossil fuel reserves are limited and they are depleting at a faster pace due to over consumption. The depleting reserves and rising price of fossil fuel are the two major risks for global energy security.</p> <p>In this context, Winrock International worked in partnership with the Government of Nepal, Ministry of Environment to undertake a study on fossil fuel consumption and prepared country strategy paper to reduce the consumption.</p>
Projective Objective	<p>The overall objective of the study was to formulate a strategy paper to reduce fossil fuel by 50% by 2026. Specific objectives were:</p> <ul style="list-style-type: none"> • Assessment of status of the current policies and initiatives to promote renewable energy; • Energy demand assessment and forecast for various sectors; • Assessment of potential renewable energy sources to replace fossil fuel use in households, transportation and industries; • Total potential generation capacity of different renewable technology options; • Recommendation on policy and implementation strategy to switching to renewable to meet rural and urban energy needs.
Activities/Components	<ul style="list-style-type: none"> • Compiled fossil fuel consumption data and analysis was done. • Projection of fossil fuel consumption was done until the year 2026 using Long Range Energy Alternatives Planning System (LEAP) software. • Country Strategy Paper was drafted • Organized stakeholder consultation workshop • Policy discussion and public awareness was facilitated for the implementation of the strategy • The issues of low carbon growth path were disseminated through policy discussion and enhanced stakeholder awareness
Accomplishments	<ul style="list-style-type: none"> • Country strategy paper was drafted and submitted to Ministry on Environment for review