

Ref. no: -C	Project title	<u>Evaluation of Ecological Criteria for Cotton Textile Products</u>					
Name of legal entity	Country	Proportion carried out by legal entity (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of consortium members, if any
Sustainable Development and Cleaner Production Center (SDCPC)	Turkey	100	2	BO Group Company	BO Group Company	June 2010 – December 2010	
Detailed description of project				Type of services provided			
<p>The purpose of this project is to interpret total environmental performance of both “conventional T-shirt” and “Eco T-shirt” production for different scenarios with the aid of Life Cycle Assessment (LCA) which is a comprehensive assessment methodology to evaluate the potential environmental impacts of processes, products or services on the environment. In order to asses environmental impacts of selected products, all the analyses were conducted with the aid of GaBi4 software and EDIP2003(Environmental Design of Industrial Products) assessment methodology. The dye-house applications for the wet processing stage at the selected textile plant have been improved with cleaner production (CP) assessment.</p>				<p>-As a result of the comparative LCA; it has been proven that environmental impact indicators of acidification, aquatic eutrophication, terrestrial eutrophication, photochemical ozone formation, and global warming show significant variations for conventional T-shirt” and “Eco T-shirt” variants. The contribution of conventional cotton cultivation to the environment has been determined to the highest which is followed by the use stage of both T-shirts.</p> <p>-In May 2012, The Project Manager received a National Success Story Award for Rio+20 for this project.</p>			