

Ref. no: 2-C	Project title	<u>Life Cycle Assessment for Selected Laundry products of Unilever</u>					
Name of legal entity	Country	Proportion carried out by legal entity (%)	Number 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	3	Unilever Turkey	Unilever Turkey	June 2009 – March 2011	
Detailed description of project					Type of services provided		
<p>The aim of the study was to evaluate and contrast the environmental performance of powder and liquid laundry detergent formulations produced by Unilever, Inc. in Turkey.</p> <p>The environmental impacts of Regular, Compact, Phosphate-free and Liquid OMO and RINSO laundry detergent formulations throughout their entire life cycles were analyzed by the Life Cycle Assessment (LCA) methodology.</p> <p>The products were compared in terms of their global warming, acidification, eutrophication, and photochemical ozone creation potentials as well as in terms of GHG emissions, water consumption and waste generation parameters.</p> <p>Plastic and cardboard packaging waste management and domestic wastewater treatment practices, as well as energy production conditions specific to Turkey were collected as a part of a country-specific data required for the LCA study. Various consumer washing habit and format changes scenarios are also generated and evaluated using LCA methodology</p>					<ul style="list-style-type: none"> <li>- Evaluate and report the environmental performance of laundry detergents produced by the company</li> <li>- Offer recommendations towards reduction of carbon and water footprint of the products</li> <li>- Recommend environmentally sound utilization practices for the products</li> <li>- Evaluate and report the environmental outcomes for different packaging materials used for the products</li> </ul>		