

Name of the Firm	Center for energy efficiency and sustainable development Ltd. – CEEFOR Ltd. Belgrade Centar za energetske efikasnost i održivi razvoj d.o.o., - CEEFOR d.o.o., Beograd					
Project Reference No. 3	Project Title	Installation of new production machines in PVC and Aluminium production facility MDP PVC Ltd.			Dates (start/end)	December 2012/ December 2012
Country Serbia	Overall project value (EUR)	Proportion carried out by firm (%) 100%	No of staff provided 4	Name of the client „Green for Growth Fund“ and Čačanska bank Serbia	Origin of Funding EIB and KfW	Partners if any /
Detail description of Project				Type of Services Provided		
<p>In December 2012, CEEFOR Ltd. was assigned by Čačanska Bank as a consultant to perform Energy Audit for medium-size company “MDP PVC Ltd.”, form Mladenovac, Serbia. The aim of the project was to perform Verification Energy Audit in client firm, and evaluate energy saving and reduction of CO2 emissions in order for loan approving by the Bank. The condition of the loan was to reduce energy consumption and / or CO2 emissions by 15%</p> <p>The company used energy-inefficient and outdated machines in production of aluminium and PVC joinery. The investor decided to by new, energy efficient and productive machines, to save overall energy, increase productivity and product quality.</p> <p>After applied EE measure company had achieved reduction of CO₂ by 35,142 kg CO₂/annually which is 78.37% also they achieved reduction in primary energy use by 109,770 kWh annually which is 78.37% in comparison to the old system. Total costs of investment were 20,000.00 Eur.</p>				<ul style="list-style-type: none"> • Data gathering • Interview with employees to determine a real state in plant • Analysis of project documentation • Analysis of technical characteristics of old and new machines • Calculation of CO₂ and energy reduction • Development of report • Reporting and presentation to the bank 		