

Program	PNCDI - Program MENER, Subcontractul de finantare nr 404-4/2004 la Contractul de finantare pentru executie proiecte nr. 404/2004
Project Leader Institution (CO)	USAMV - FIFIM
Project title (ENG):	Modernization Of Collection, Transport, Treatment And Disposal Of Industrials Wastewater From Power Stations, Respecting The Quality Conditions Required By Romanian Standards In Line With EU Norms
Project title (RO):	Modernizarea sistemelor de colectare, transport, tratare si evacuare a apelor uzate provenite de la unitatile energetice, respectand conditiile de calitate cerute de normele românesti aliniate la normele Uniunii Europene
Duration	2005-2007
Team Leader-Partner Ecoind	senior researcher Irina Draghici dipl.eng. Laurentiu Dinu
Summary (short description)	<p>Studies and technical-economic analysis on water management in thermal power plants.</p> <p>Documentation for preparing report on the study of the impact assessment for the modernization CET Grivita - process wastewater treatment station.</p> <p>Analysis of existing treatment plants and purification technology applied in 2005.</p> <p>Quantitative & qualitative analysis of wastewater discharged to the treatment plant. Laboratory experiments and models.</p> <p>Experimental models and mathematical models at the industry level. Industrial level tests.</p> <p>Critical analysis of alternative technologies for the power plant effluent treatment and proposals for their equipment and configurations.</p> <p>Sustainable treatment technology development and critical analysis of possible equipment alternatives for the effluent streams treatment.</p>
Summary (short description) RO	<p>Studii si analiza tehnico-economica privind gospodaria apei in cadrul centralelor termoenergetice</p> <p>Documentatie pentru intocmirea raportului la studiul de evaluare a impactului, pentru modernizare CET Grivita – statia de tratare ape uzate de proces</p> <p>Analiza situatiei existente - analiza instalatiilor de epurare existente si a tehnologiei de epurare aplicate</p> <p>Analiza cantitativa si calitativa a apelor reziduale descarcate catre statia de tratare. Experimentari si modele de laborator.</p> <p>Modele experimentale de laborator. Modele experimentale si modele matematice pentru nivel industrial. Experimente desfasurate la nivel industrial.</p> <p>Analiza critica a unor alternative tehnologice pentru tratarea efluentilor de proces si propuneri de echipamente si configuratii ale acestora</p> <p>Tehnologie de epurare si analiza critica a alternativelor posibile pentru epurarea efluentilor de proces</p>