

<b>Program</b>	<b>Program NUCLEU PN 06 12 04 05</b>
<b>Project title (ENG):</b>	<b>Methodology for identifying the risk factors and environmental risk assessment – decision instrument in the environmental management</b>
<b>Project title (RO):</b>	<b>Metodologie de identificare a factorilor de risc si evaluare a riscului de mediu-instrument de decizie in managementul de mediu.</b>
<b>Duration</b>	2007-2008
<b>Team Leader</b>	Georgeta Madalina Arama
<b>Summary</b> (short description) ENG	Project intended to realize an assessment methodology for Life Cycle Assessment for products and activities/services for an organization. The methodology for the identification of environmental risk factors can be used in EIA (English acronym for Environmental Impact Analysis ) in determination of environmental impacts for products/activities/services of the organization along the life cycle assessment when at the organizational level it was decided that due to the type of activities/products/services that have been offered it is necessary to align to the market requirements also in relation to the criterion of establishing the impacts along life cycle. The project intended to be a useful input to find the social-economic-ecologic optimum to promote design, production and commercialization/trade of ecological products. The project contributed to a) the creation of a modular methodological guide with applied practical examples. b) the extension of the professional expertise in the field of environmental risk assessment. c) the instruction and improvement in the field of environmental risk assessment (internal workshops).
<b>Summary</b> (short description) RO	Proiectul a urmarit realizarea unei metodologii de evaluare a riscului de-a lungul ciclului de viata al produsului si activitatilor /serviciilor unei organizatii. Metodologia de identificare a factorilor de risc de mediu poate fi folosita in AIM (acronim romanesc Analiza Initiala de Mediu) in determinarea impacturilor de mediu pentru produsele si activitatile/serviciile organizatiilor de-a lungul ciclului de viata atunci cand la nivelul organizatiei se stabileste ca, datorita tipului de activitati/produse/servicii furnizate este nevoie de o aliniere la cerintele pietii si in legatura cu criteriul impacturilor de-a lungul ciclului de viata. Lucrarea se doreste a fi un input folositor pentru gasirea optimului socio-economico-ecologic pentru promovarea proiectarii, productiei, comercializarii si consumului de produse ecologice. Proiectul a condus la a)crearea unui ghid metodologic modular cu exemple concrete de aplicare, ghid prezentat intr-o forma sistematizata, usor de citit, de inteles si care poate fi aplicat la analiza initiala de mediu; b)extinderea expertizei profesionale in domeniul evaluarii riscului de mediu; c)instruirea si perfectionarea in domeniul evaluarii riscului de mediu (work-shopuri interne).
<b>Dissemination of results</b>	
Conferences (platform, poster, abstract / full-paper	Georgeta Madalina <b>Arama</b> , <i>“Evidential Reasoning Approach – A reliable instrument in multiple attribute decision making process under uncertainties”</i> , full paper, International Symposium “The environment and industry” Bucharest 25-25 October <b>2007</b> , p.353-358, vol. II, ISSN 1843-5831.
	Georgeta Madalina <b>Arama</b> , <i>“Environmental Risk Minimization by adequate alternative selection from a set of available alternatives using evidential reasoning approach”</i> full paper, International Symposium “The environment and industry” Bucharest 25-25 October <b>2007</b> , p.337-241,vol. II, ISSN 1843-5831.