

Program	Program NUCLEU PN 06-13 04 07
Project title (ENG):	The Guide for reporting the environmental performance in accordance with EMAS III regulation
Project title (RO):	Ghid de raportare a performantei de mediu în conformitate cu regulamentul EMAS III
Duration	2013-2014
Team Leader	Senior Researcher Eng. A. Anghel
Summary (short description) ENG:	<p>The works consisted of:</p> <ul style="list-style-type: none"> • Study the standards, legislation and documentation scientific field on harmonized criteria for analysis and reporting of environmental performance to underpin the choice of relevant indicators according to EMAS III that highlights rapid evolution of organizational performance but also measures needed to continue this trend. • Establish performance indicators recommended / applicable for energy efficiency, material efficiency, water consumption, waste, biodiversity and emissions based on a study of documentary standards, applicable laws and scientific literature in the field; • Analysis and interpretation of indicators; • How to reporting rules; • Present all information in a tabular guide accessible on categories of indicators for ease of use in daily practice; <p>There were elaborated:</p> <ul style="list-style-type: none"> - 4 Guidelines sites reporting of environmental performance in accordance with EMAS III for organizations: a type of chemical industry enterprises, one of the engineering industry, a food industry one of the poultry sector. - 4 Brochures with specific indicators applicable engineering industry, chemical industry, food industry and poultry sector.
Summary (short description) RO:	<p>Lucrarile au constat din:</p> <p>Studiul standardelor, legislatiei si documentatiei stiintifice in domeniu referitor la criteriile armonizate de analiza si raportare a performantei de mediu care sa stea la baza alegerii de indicatori relevanti conform EMAS III care sa evidentieze rapid evolutia performantei organizatiei dar si masurile necesare pentru continuarea acestei tendinte.</p> <ul style="list-style-type: none"> • Stabilirea indicatorilor de performanta recomandabili/aplicabili pentru eficienta energetica, eficienta materialelor, consum apa, deseuri, biodiversitate si emisii pe baza unui studiu documentar al standardelor, legislatiei si literaturii stiintifice aplicabile in domeniu; • Analizarea si interpretarea indicatorilor; • Modul de raportare a indicatorilor; • Prezentarea tuturor informatiilor din ghid intr-un format tabelar accesibil pe categorii de indicatori pentru usurinta folosirii in practica curenta. <ul style="list-style-type: none"> - 4 Ghid-uri de raportare a performantei de mediu in conformitate cu EMAS III pentru organizatii: <ul style="list-style-type: none"> o de tip IMM din industria chimică, o din industria constructoare de masini, o din industria alimentară, o din sectorul avicol. - 4 Brosuri cu indicatori aplicabili specifici industriei constructoare de masini, industriei chimice, industriei alimentare si sectorului avicol.

Dissemination of results	
Full-paper ISI	Arama, G., M., Anghel, A., Criste, V., EMAS III relevant indicators to measure EMS performance, <i>Revista Metalurgia</i> , 2013, Vol XVIII nr. 12, pag.111-112, ISSN 1582-2214
Conferences (platform, poster, abstract / full-paper)	Arama, G., M., Nicolau, M., Batrănescu, Gh., Lehr, C., Criste, I., V., Anghel, A., Guta, D., Evaluation of environmental performance for organizations in the food industry according to EMAS III, <i>Simpozionul International „Mediul si Industria”</i> , 29-30.10.2013, Bucuresti
	Anghel, A., Criste, V. ,Evaluation of environmental performance for organizations in the food industry according to EMAS III, poster <i>Simpozion International de Biologie si Nutritie Animala – organizat de IBNA – Balotesti</i> in data 14.11.2014