

<b>Program</b>	<b>Program NUCLEU PN 09-13 04 01</b>
<b>Project title (ENG):</b>	<b>Methodology for application of industrial eco-systems integrated management</b>
<b>Project title (RO):</b>	<b>Metodologie de aplicare a managementului integrat al ecosistemelor industriale</b>
<b>Duration</b>	2009-2011
<b>Team Leader</b>	Lucian Constantin
<b>Summary</b> (short description) ENG	The methodology was developed in the aim to identify the possibilities for anthropic activities inclusion within the eco-system, possible material / energy flows connections between project's focal points that can be economic units, touristic objectives and resorts, cultural and historical sites, local administrations, local communities, in order to capitalize waste, by-products, residual energy flows, creating new value added products and services. Integrated management of flows can reproduce the functioning of natural ecosystems in which one specie byproducts are transformed in valuable raw materials for other species.
<b>Summary</b> (short description) RO	Metodologia a fost dezvoltata in scopul de a identifica posibilitatile de incadrare in ecosistem a activitatilor antropice, conexiunilor de fluxuri de materiale / energie posibile intre punctele focale ale proiectului care pot fi agenti economici, obiective si statii turistice, site-uri culturale, istorice, administratie locala, comunitate, care pot sa valorifice integrat deseurile, subprodusele, energiile reziduale, creand noi produse si servicii cu importanta valoare adaugata. Managementul integrat al fluxurilor va putea reproduce astfel functionarea ecosistemelor naturale care preiau subprodusele unor specii, transformandu-le in materii prime pentru altele.
<b>Dissemination of results</b>	
Conferences (platform, poster, abstract / full-paper	L. Constantin, C. Teodorescu, <i>Application of industrial ecosystems principles within local communities</i> , International Symposium SIMI 2011 „The environment and industry”, vol 1, pg 285-291, 2011, ISSN 2457- 8371 (online), ISSN-L 1843-5831