

ENVIRONMENTAL PERFORMANCE INDICATORS OF „CLEAN TECHNOLOGIES” FOR NATURAL RESOURCES

RĂDULESCU Alexandru V.^{*}, RĂDULESCU Irina^{**}

^{*}University POLITEHNICA Bucharest, ^{**}S.C. ICTCM S.A. Bucharest

sandu@meca.omtr.pub.ro, irena_sandu@yahoo.com

Key words: Clean technologies, Environment, Management, Sustainable development

Abstract: Environmental Performance Indicators (EPIs) are needed when it is necessary to evaluate the environmental performance of activities, processes, hardware and services and, further – of organizations. EPIs are described in the ISO-standard ISO 14031 Environmental management - Environmental performance evaluation - Guidelines. The paper proposes to analyze the influence of the EPIs on the "clean technologies", in order to reduce the impact over environment.

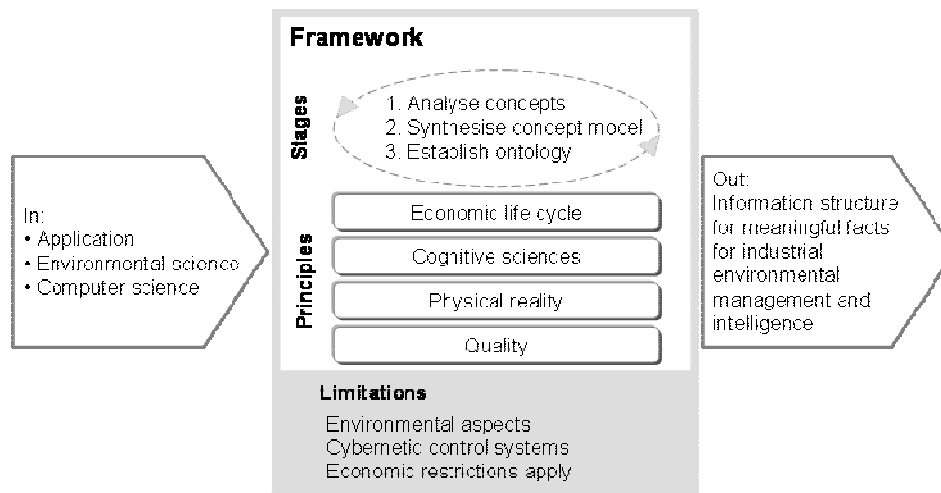


Fig. 1. The framework of principles and work stages for developing information structures for environmental management of industrial systems, [4]

The actual informational society is directly preoccupied to find some ecological ways and processes, for a sustainable development, in different areas, one of these being lubricants domain. That direction ensures a modern way of products, equipments and technologies realization, using a "clean technical conception", from projection stage.

REFERENCES (Selection)

- [1] ISO 14031: 1999, Environmental management - Environmental performance evaluation - Guideline
- [2] Environmental Evaluation of Materials in New Generation Vehicles. Prepared for Oak Ridge National Laboratory, Oak Ridge, TN, Dhingra, R., J.G. Overly and G.A. Davis; May 2001.
- [3] Vehicle Recycling and Disposal Policies in Industrialized and Developing Countries. Prepared for American Automobile Manufacturers Association Kincaid, L.E., C.A. Wilt, G.A. Davis, J. Lumley, F. Stoss and E. Carnes; 1996.
- [4] Carlson R., "Framework For Structuring Information For Environmental Management Of Industrial Systems", Doctoral Thesis, Chalmers University of Technology, 2006