



## **Presentation**

*The present report describes methodologies and results of the Environmental Impact Assessment performed for a petrochemical plant project, finalized to Linear Alkyl Benzene (LAB) production.*

*The project realization is in progress in Syria, Damascus Countryside, in the territory of Deir Ali Village.*

*The new plant will be managed by :*

DAABOUL CO. FOR PETROCHEMICAL INDUSTRIES,

*affiliated company of AHMAD DAABOUL & SONS FOR DETERGENTS COMPANY , a major Company active in Syria and in many other Arabian Countries.*

*The present report has been elaborated by ICARO srl, an Italian Company specialized in Environmental, Health and Safety consultancy, in cooperation with Ballestra SpA, an Italian Company leader in technologies for the Surfactant, Detergent and Chemical Industries.*

*March 14<sup>th</sup> 2002*



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  - 3.3.4.1 Emissions
  - 3.3.4.1 Resources use

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- II.1 United Nations Environment Programme, Regional Office for West Asia  
"State of the environment report – Syrian Arab Republic", 1986;
- II.2 Syrian guidelines "*Liquid wastes produced from economic-industrial to be sent in general sewage system; Ministry of State for the Environment, Syrian Arab Republic, 1996*";
- II.3 Syrian guidelines "*air quality1996*";
- II.4 A World bank Group "*– Petrochemicals Manufacturing*", July 1998;
- II.4 B World bank Group "*Pollution Prevention and Abatement Handbook - Thermal Power: Guidelines for New Plants*", July 1998;
- II.4 C International Finance Corporation, "*Environmental, Health and Safety Guidelines - Hazardous Materials: Management Guidelines*", December 2001;
- II.5 Authorizations obtained for LAB project.
- II.6 Land Ownership Documentation.

### **SECTION 3**

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- III-2 General Lay-out (two maps 1:200)
- III.3 Material Safety Data Sheets
- III.4 General lay-out with air emission sources localization (1:1,000)
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- IV.1 Morphological map 1:50,000
- IV.2 Maps 1:25,000
- IV-3 Syrian Arab Republic “Sanitary map in Syria”, October 2000
- IV-4 J.Plassard, B.Kogoj, Observatoire de Kaara “Catalogue des seismes ressentis au Liban”
- IV-5 Local meteorological parameters
- IV-6 LAB site groundwater analysis certificate

## **SECTION 5**

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