

Application of the SMIA Tool in Industrial Areas in Tunisia

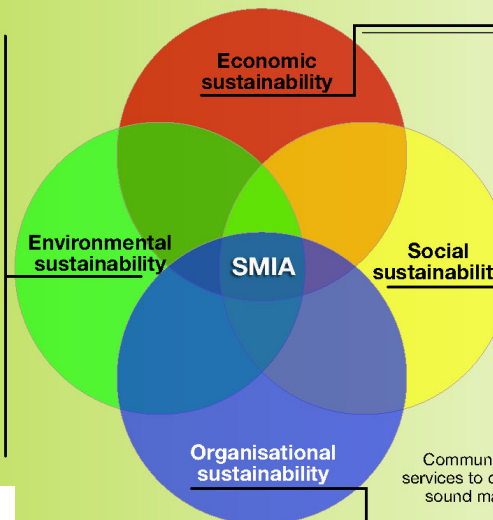
What is SMIA?

Sustainable Management of Industrial Areas

SMIA methodology is based on 3 sets of tools, successfully used in a large number of countries:

1. **PREMA®** (Profitable Environmental Management) developed by GTZ,
2. **APELL** (Awareness and Preparedness for Emergencies at Local Level) programme developed by UNEP,
3. **Ecomapping**, methodology used by French consultants for eco-efficient management in industrial areas.

Resource efficiency, toxicity, landscaping...



Production and Non Product Output Costs, competitiveness...



Sustainable employment, workplace and neighbourhood safety...



Communication and services to companies, sound management of risks...

First Results

Green spaces in industrial areas



Entrance to Industrial Area „Sousse“

before



after

Cleaning of wild dump sites



Wild dump site in Industrial Area „Sousse“

before



after

Rainwater drainage Industrial Area „Borj Cedria“



after



before



after

Road pavement Industrial Area „Borj Cedria“



before

Canalization of rainwater

Road security