

The **Mediterranean Action Plan (MAP)** strives to protect the environment and to foster development in the Mediterranean Basin. It was adopted in Barcelona (Spain) in 1975 by Mediterranean States and the EC, under the auspices of the United Nations Environment Programme (UNEP). Its legal framework is made up of the Barcelona Convention (1976, revised in 1995) and seven Protocols covering certain specific aspects of environmental protection. The Action Plan is built up around an Athens-based Coordinating Unit, the MED.POL Programme and six Regional Activity Centres.

The **Regional Activity Centre for Cleaner Production (CP/RAC)**, based in Barcelona-Spain, was established in 1996. Its mission is to promote mechanisms leading to sustainable consumption and production patterns in Mediterranean countries. The CP/RAC activities are financed by the Spanish Government once they have been submitted and approved by the Contracting Parties to the Barcelona Convention.

The **German Technical Cooperation Agency (GTZ)** is an international cooperation enterprise for sustainable development with worldwide operations; it supports the German Government in achieving its development-policy objectives. SMIA will be at the core of a new project called ReCapZi: "Strengthening capacities of sustainable Industrial Areas Management" in Tunisia. ReCapZi will among others continue the process with implementing 4 additional SMIA training sequences. For SMIA trainings GTZ relies on the services of PREMANet e.v., a Non-for profit Association of trainers which guarantees the quality and disseminates tools of Profitable Environmental Management, including SMIA.

SUSTAINABLE MANAGEMENT OF INDUSTRIAL AREAS (SMIA)



For further information please refer to:


**Regional Activity Centre
for Cleaner Production**



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**Regional Activity Centre
for Cleaner Production**


ABOUT SMIA

Industrial areas (IA) contribute considerably to the economic and local development as well as the social structure of a region. However, the diverse activities in these areas have impacts on the environment and human health and safety. In view of increasingly competitive markets and new environmental requirements, **it is important to rethink the conception and the management of industrial areas.**

The Sustainable Management of Industrial Areas (SMIA) is an innovative method that enhances the capabilities of management of industrial areas, and also serves the interests of the companies for effective services and clean environment.

Basis

SMIA is based on three tools widely proven in a considerable number of countries:

- 1 Profitable Environmental Management (PREMA®) of GTZ / PREMAnet e.V.
- 2 APELL (Awareness and Preparedness for Emergencies at Local Level) of UNEP
- 3 Ecomapping, a method adapted to the needs of industrial zones by French consultants from e-parc, Nantes.

These combination results in a pragmatic but systemic approach that allows the progressive and systematic implementation of sustainable development in industrial areas with economic, environmental, organisational, and social benefits for industrial areas which usually integrate commerce and services.

Creating a knowledge chain



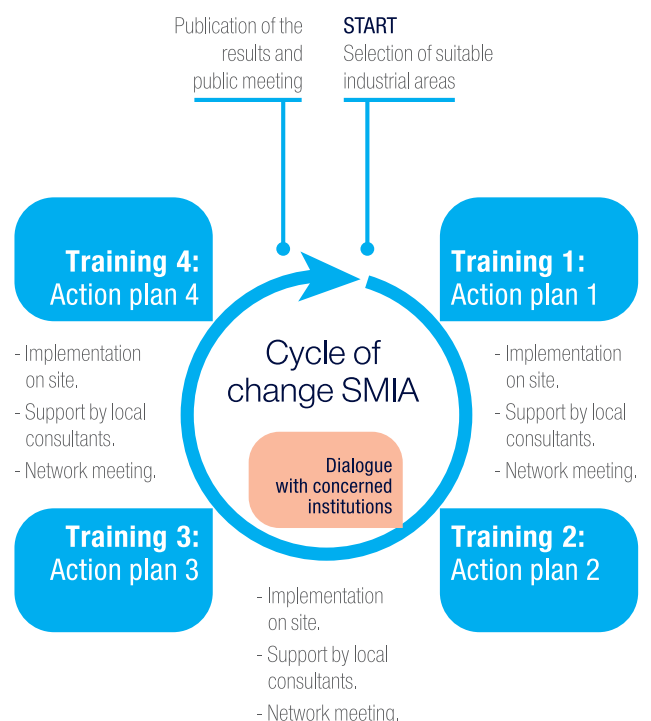
Within industrial areas, SMIA addresses:

- ▶ **Organisational sustainability** (communication and services to companies, sound management of risks...)
- ▶ **Economic sustainability** (production and non product output costs, green competitiveness...)
- ▶ **Environmental sustainability** (resource efficiency, toxicity, landscaping, waste management...)
- ▶ **Social sustainability** (sustainable employment, workplace and neighbourhood safety...)

Operation

In a standard programme, international trainers certified in SMIA will train and coach local consultants with good know-how in advising industry, quality and environmental management, as well as organisational development. These consultants moderate, under international supervision, 4 interactive SMIA training sessions as well as 4 network meetings over a period of 8 to 10 months which help managers of a group of 5 to 10 industrial areas to improve organisational and environmental efficiency as well as profitability and safety of the area. In parallel, a round-tables process with concerned institutions is facilitated and training on profitable environmental management can be carried out for interested companies in various areas.

Sequencing of a SMIA Project



SMIA is mainly divided between:

- ▶ **Interactive trainings** that allow industrial areas' managers to learn and apply innovative and efficient methods to improve results of their areas and the companies situated within.
- ▶ **Network meetings** that support managers' efforts to implement change and closer collaboration with companies and concerned institutions.

SMIA in the Maghreb region

SMIA was successfully applied in industrial areas in Tunisia and Indonesia in 2006. Two years later, the Regional Activity Centre for Cleaner Production (CP/RAC) started a replication of SMIA in co-operation with GTZ (German technical cooperation Agency) in 5 industrial areas which will provide a consolidated basis of experience for further extension in the Mediterranean Area, especially Algeria and Morocco.