

SCP Indicator Framework for the Mediterranean



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CPRAC and the promotion of SCP in the Mediterranean

Sustainable Consumption and Production (SCP) is one of the four major objectives of the Mediterranean Strategy for Sustainable Development. It is also one of the main themes for the Mediterranean Action Plan's 2010-2014 Five-Year Work Programme.

Advancing SCP in the Mediterranean is critical for the development of a greener economy that decouples economic and industrial development from environmental degradation. Shifting towards SCP involves a series of measures aiming at minimizing the negative environmental impact of the production processes (cleaner production, energy efficiency, etc.) and introducing progressively mechanisms that integrate sustainability criteria within the value chain and consumer-producer cycle.

The Regional Activity Centre for Cleaner Production (CP/RAC) has recently elaborated a SCP Indicator Framework for the Mediterranean countries to be able to measure progress on SCP in the different countries and to make data between the different countries comparable.

The framework aims at promoting a set of quantitative and qualitative indicators for the Mediterranean countries and at harmonizing information on SCP in the region. The framework supports policy makers and experts on SCP with a comprehensive tool to systematize information on SCP and to provide an overview on relevant areas and topics related to SCP in the region.

CP/RAC will use the proposed framework as the basis for its next report on the status quo of SCP in the Mediterranean Industry.

Design of the SCP Indicator Framework




The SCP Indicator Framework was developed based on extensive secondary literature review and existing frameworks and concepts, as well as on interviews and questionnaires to relevant SCP experts from the Mediterranean region. The objective was to adapt and integrate information from different existing international and national SCP indicator frameworks to the Mediterranean context.

International, as well as regional and national indicator frameworks from a broad number of organizations¹ have been analysed and an indicator overview for SCP has been drawn. This broad range of indicators has been contrasted with relevant SCP experts and stakeholders from Mediterranean Countries. Experts have been asked to classify indicators regarding their relevance and availability for the different countries.

Interviews with relevant actors showed that, especially in the MEDA region, the concept of SCP is currently mainly envisioned from the public side and very production focussed. Topics such as Sustainable Public Procurement or Corporate Social Responsibility only play a very minor role. These “newer” concepts are generally rated as less relevant and show the need to promote and sensitize towards a more integrated approach on SCP.

As a result of the analysis process and the interviews with relevant actors, the SCP Indicator Framework has been divided into 5 different areas, each one with its related sub-topics and indicators as described below.

However, depending on the countries, not all of the indicators rated as relevant are available. To reflect this challenge a traffic light system that indicates the average data availability based on three different colours, has been developed.

-  High data availability
-  Medium data availability
-  Low data availability

Indicators proposed are not exhaustive. It is recommended to verify availability and relevance over time and it might be necessary to add or change indicators based on the real data availability in the different countries.

¹Such as Blue Plan, European Environmental Agency (EEA), United Nations Environmental Programme (UNEP) SCP Indicator Framework, Global Footprint Network, UN- Department of Economic and Social Affairs (UN- DESA), Mediterranean Action Plan (MAP) reporting system, Earthtrends, Global Reporting Initiative (GRI) and Organization for Economic Co-operation and Development (OECD)

Structure of the SCP Indicator Framework

“**Status Quo of SCP**” helps to set the scene on the state of the art of SCP in the country. It provides an overview of trends related to production and consumption patterns.

“**Policies and strategic framework**” refer to policies and strategic initiatives that are either directly focussed on SCP or have an important impact on its further development in the country. Since SCP is a crosscutting issue that is frequently implemented by a number of different parties, this section reflects the relevant SCP related policies. It also takes a closer look at the national strategy for sustainable development, including its implementation status and SCP focus, as well as other relevant strategies that include SCP, such as the national strategies for Eco- Efficiency, Cleaner Production or Sustainable Waste Management, and the integration of SCP in other programmes or ministries.

“**Legal and regulatory framework**” provides an overview of the different measures, such as laws, other regulatory or economic instruments, and cooperation agreements in place to support SCP implementation. This category specifically addresses the implementation status of these regulatory instruments as a crucial factor in advancing SCP. It also considers Sustainable Public Procurement as an important trigger for SCP promotion.

“**Greening industry and society**” provides an overview of the relevant initiatives that support a more environmental and socially friendly economy. It reports the status of implementation of Corporate Social Responsibility in the country, and the main voluntary agreements that support the development of markets for more sustainable products and services, such as the implementation of eco-labels or the existence of education, training and awareness raising programmes regarding the need for SCP.

“**Main actors and projects**” outlines the most important actors and projects involved in the promotion and implementation of SCP. Main agents include the relevant ministries and public institutions, civil society organizations and universities or international and donor organizations. This section also reports the involvement of each country in the international processes related to SCP and gives a brief outline of the major projects supporting the implementation of SCP.

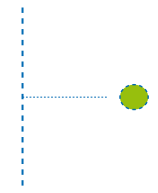
Status Quo of SCP

Recent economic development and status quo

Brief description of recent economic development and status quo.

Indicators:

- | | | |
|--|---------------------------------------|---|
| - GDP per Capita in PPP | - Human Development Index vs. GDP | - Renewable energy consumption to total energy generation |
| - Growth in agricultura | - Water demand. | - Total quantity of hazardous and household waste |
| - Services and industry within the last 2 years | - Water efficiency index | - Exploitation index of renewable natural resources |
| - Structural Economic Change (shares in gross value added) | - Water withdrawal for industrial use | |
| | - Total energy consumption | |



Data Availability: Data available with international organizations

Prices and Subsidies

Brief description if prices on raw materials and subsidies on water/ waste water and energy are favouring or hindering the development of SCP.

Indicators :

- Price of water / energy for productive use ----- ●
- Price for disposal waste water ----- ●
- Measurement of water / energy consumption of industry ----- ●
- Subsidies on water / energy prices ----- ●
- Price for waste disposal ----- ●

Co2 Emissions and Carrying Capacity

Brief description of the situation related to CO₂ emissions and relevant positions related to climate change

- Indicators:** CO₂ Emissions ----- ● CO₂ Emissions per Capita ----- ● Ecological Footprint ----- ●

Consumption perspective




- Indicators:** Government expenditure as a % of GDP ----- ● Socio Demographic Trends ----- ●
Trends in household and government final expenditure per capita in PPP ----- ●

Investments in SCP

- Indicator:** Total investment in environmental technologies of total national investment in R&D ----- ●





Policies and Strategic Framework

National strategy for Sustainable Development

Existence of a strategy for Sustainable Development ?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	-----	
SCP as a priority in the strategy for Sustainable Development?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	-----	
In case that SCP has been identified as a priority shortly describe major outline and priorities				
<input type="text"/>				
Existence of action plans with time frames and objectives in the national strategy for SD?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	-----	
In case action plans with time frames and objectives exist, brief description of major objectives and lines of action				
<input type="text"/>				



Other relevant strategies including SCP

Shortly describe which other relevant strategies that include SCP are in place, for example:

- Existence of a strategy for sustainable waste management that considers the waste hierarchy ----- 
- Existence of a strategy on Energy Efficiency ----- 
- Existence of a national action plan for the environment that includes CP ----- 
- Integration of SCP into the industrial policy ----- 

Integration of the strategy for Sustainable Development (especially related to SCP) into other programmes or ministries

Brief description of status quo of the integration of the strategy for SD and its implementation status including the following information:

- Number of relevant programmes developed out of the strategy for SD ----- 
- Integration of the SD strategy objectives into the operations of relevant Ministries (Industry; Energy; Culture; R+D...) ----- 






Best Practice example from the policy level

Brief description of country specific policy, already implemented or at an advanced planning stage that can be considered a model for replication for other countries in the Mediterranean.

Legal and Regulatory Framework





Regulatory Instruments

Brief description of the approach the country follows related to its regulatory instruments. **Proposed indicators:**

- Introduction of CP related measures as requirements in the industrial permit system 
- Number of incidences of non-compliance with environmental permits 
- Existence of regulations on waste minimization 
- Number of registered producers and managers of industrial waste 
- Existence of a system of environmental liability 





Implementation of the regulatory framework

Brief description of the status quo of the implementation status of the regulatory framework. **Proposed indicators:**


- Compliance with EU directives of the environment 
- Agency for the enforcement of pollution prevention and control in place 
- Share of government officers for pollution monitoring per number of companies 
- Use of SCP data at national level that have been compiled at local level 

Economic Instruments

Brief description of the status quo of the implementation status of the regulatory framework. **Proposed indicators:**


- Availability of public funds for environmental management 
- Existence of pollution fees and user charges/ environmental taxes/ preferential tariffs that support SCP 
- Existence of subsidies to support SCP 
- Implementation of CDM projects (in Non Annex 1 countries) 

Sustainable Public Procurement (SPP)

Brief description of existing initiatives and approaches related to SPP. This includes existing activities or planned activities in an advanced planning stage. Since in a number of countries the topic is rather new, data availability for comparable indicators is low. 

Cooperation agreements

Brief description of cooperation agreements and their implementation status. **Proposed indicators:**

- Number of cooperation/ voluntary agreements between industry and government promoting technology transfer and SCP 

Best Practice from the legal and regulatory framework


Description of a country specific instrument, already implemented or at an advanced planning stage that can be considered a model for replication for other countries in the Mediterranean.

Greening Industry and Society

Initiatives related to Corporate Social Responsibility (CSR)

Brief description of existing initiatives and approaches towards Corporate Social Responsibility.


This should on the one hand include public activities to support CSR and social and environmental performance of companies and on the other hand best practice examples from successful company/ value chain related CSR activities in the country.

Since in a number of countries the topic is rather new, data availability for comparable indicators is low 

Voluntary instruments

Brief description of training programmes related to SCP.

Detail the existence of national eco- label programmes and the general importance of eco- labeled products for different sectors.



Since in a number of countries the topic is rather new, data availability for comparable indicators is low. 

Main actors and projects

Role of national actors

Brief description of major national actors and importance for implementation of SCP

Proposed indicators:

- Existence of SCP related agencies, areas or departments within concerned ministries 
- Existence of SCP centers and other related organizations 

Involvement of the country in international processes related to SCP

Description of stage of involvement into international processes such as the Marrakech process or ICLEI

Data availability: 