

“Capacity Building and Strengthening Institutional Arrangement”

Workshop: “Sustainable Development”

Use of Eia Environmental Indicators for Sustainable Development

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APAT

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In the following, we report some indicators, divided for environmental element, that you will be characterized by using the special schemes, you will be supplied with in paper format, during working group n. 3

ATMOSPHERE (air quality)
Emissions of CO
Daily flow of circulating vehicles on the roads (light and heavy means of transport)
Air quality (NO ₂)
Overcoming of normative limits
Number of morbidities due to air pollution
Increase of health cost for pathologies due to air pollution
State of the art of reclamation and protection planning of air quality
Specific temporal measures in matter of air quality

ATMOSPHERE (metheorology)

Temperature (data collection)

Rain (data collection)

Wind (data collection)

SUPERFICIAL WATER

Number of rivers

Solid flow

Number of works in bank

Reduction of frequency of the floods

Concentration of dangerous substances in the rivers

Per capita consumption of drinking water

Withdrawal for agricultural use

Requested permissions for water use

Points of sampling foreseen for monitoring

UNDERGROUND WATER
Depth of the water table
Chemical state of the underground water
Number and location of the wells
Permeability

SOIL AND SUBSOIL

Morphologic gradient

Stratification

Frequency of earthquakes

Seismic planning

Presence of quarries

Presence of dumpings

Not wooded areas

Specific wash

Use of the soil

Use of the materials (rocks and sands)

VEGETATION, FLORA, FAUNA AND ECOSYSTEMS

Presence of protected areas

Anthropic pressure on the protected areas

Waterproof surfaces

Present fluvial vegetation

Forest surface destroyed by fires

Number of faunal species at risk

Territory submitted to reforestation

Interdict areas for fishing

NOISE

Day and night loud emissions

Population exposed to noise

Variation of economic value of buildings

Number of sites of noise survey

Number of requests of authorization for new productive activities

Territorial concentration of the pathologies due to noise

Overcoming of normative limits

Systems of defence by noise in the buildings

NOT IONIZING RADIATIONS

Number of present plants for radiotelecommunication

Overcoming of normative limits

Exposed population

Planning of recovery

IONIZING RADIATIONS

Presence of radioactive waste

Average individual yearly dose

Concentration of indoor radon activity

Survey nets of environmental radioactivity

LANDSCAPE

Presence of meanders of river

Density of buildings

Presence of historic buildings

Areas submitted to landscape protection

Loss of green surface

Quality of perception

Psychoperceptive annoyance

Number of authorizations approved

SOCIAL AND ECONOMIC CONTEXT

Demographic density

Increase of unemployed persons

Number of popular buildings put at indigent persons' disposal

Number of agricultural businesses

Presence of primary schools

Quantity of produced waste

Available income

Increase of costs for the public transport