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UNCCD Types 1: Global indicators for assessment of the implementation of strategic objectives
Selection done after a consultation with EDN members (*European DesertNet*)
23/04/2009

NATIONAL LEVEL

Nota Bene: some of these national indicators can also be used at local level.

STRATEGIC OBJECTIVE 1: To improve the living conditions of affected populations

- S1: Decrease in numbers of people impacted by desertification/land degradation and droughts
- S2: Increase in numbers of people living above poverty line
- S3: Decrease in numbers of people below the minimum level of dietary energy consumption in affected areas

STRATEGIC OBJECTIVE 2: To improve the condition of affected ecosystems

- S4: Decrease in affected areas
- S5: Increase in net primary productivity

STRATEGIC OBJECTIVE 3: To generate global benefits through UNCCD

- S6: Increase in carbon stocks in affected areas
- S7: Areas of forest, agricultural and aquaculture under sustainable management

STRATEGIC OBJECTIVE 4: To increase available funds for combating desertification and drought adaptation

- S8: Increase in available funds
- S9: Development of policies addressing desertification

X: Priority indicator **X: Secondary indicator** **(X): Optional indicator**

| # | Indicators | UNCCD Objectives | | | | | | | | |
|----|---|------------------|----|----|----|----|----|----|----|----|
| | | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 |
| 1 | Total number of people killed & affected by natural disasters, especially droughts (number) | X | | | | | | | | |
| 2 | % of total population access to safe drinking water (%) - Urban and rural zones | X | X | | | | | | | |
| 3 | Water availability (per capita) (m3/yr/cap) | X | X | X | | | | | | |
| 4 | Annual production of the main crop per capita (Mt/yr/cap) | (X) | | X | | | | X | | |
| 5 | Fraction of population below national poverty line or by default below US\$1 (or 2US\$) /day (%) | | X | | | | | | | |
| 6 | GINI Index (dimensionless) | | X | | | | | | | |
| 7 | Economic loss due to natural disasters per capita and related to droughts and floods (US\$) | X | X | | | | | | | |
| 8 | Fraction of the population below the minimum caloric intake (%) | | | X | | | | | | |
| 9 | Prevalence of children of less than 5 years having weight insufficiency (%) | | | X | | | | | | |
| 10 | Land cover (ha, %) _ Different types (Forest, urban, woodlands...) | | | | X | | | X | | |
| 11 | Land use (ha, %) _ Different classes (Total, arable, permanent agriculture, permanent pasture...) | | | | X | | | | | |
| 12 | Vegetation cover fires : location, area (ha) and periods | | | | X | | | X | | |
| 13 | Biodiversity integrity index | | | | X | X | | | | |
| 14 | Area (ha) and seasonal availability of surface water bodies | | | | X | | | | | |
| 15 | Edaphic indicator of soil surface change by wind action | | | | X | | | | | |
| 16 | Total area affected by salinization (ha, % p/y) | | | | X | | | X | | |
| 17 | Average annual soil erosion rate (t/ha) | | | | X | | | | | |
| 18 | Area of the different vegetation cover components (ha) | | | | | X | | | | |
| 19 | Global vegetation Index (to be linked to rain) | | | | X | X | | | | |
| 20 | Carbon stock in soil (tons C/ha) | | | | | | X | | | |
| 21 | Existence of firewood policies | | | | | | | X | | |
| 22 | Existence of legislation on pastoral resources access | | | | | | | X | | |
| 23 | Herder and Farmer associations (number) | | | | | | | X | | X |
| 24 | Measures and participative networks for natural resources management | | | | | | | X | | X |
| 25 | Certified forests by FSC (ha) | | | | | | | X | | |
| 26 | Share of production through certified channels (tons) | | | | | | | X | | |
| 27 | Association of organic agriculture or/and fair trade farmers (number) | | | | | | | X | | |

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|----|--|------------------|----|----|----|----|----|----|----|----|
| | | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 |
| 28 | Intensity of forest use (harvest / growth; % p/y) | | | | X | | | X | | |
| 29 | Use of synthetic fertilizers on agricultural lands (t/ha) | | | | | | | X | | |
| 30 | Use of synthetic pesticides on agricultural lands (t/ha) | | | | | | | X | | |
| 31 | Share of firewood in domestic consumption (%) | | | | | | | X | | |
| 32 | Herd mobility, transhumance | | | | | | | X | | |
| 33 | Increase of SLM area (ha) | | | | | | | X | | |
| 34 | Number of farmers paid for environmental services SLM | | | | | | | X | | |
| 35 | Variation of Endemic species number | | | | | | | X | | |
| 36 | Abundance of selected key species (number) | | | | | | | X | | |
| 37 | Abundance of invasive alien species (number) | | | | | | | X | | |
| 38 | Location and surface of forest fire (ha) | | | | X | | | X | | |
| 39 | Genetic variability of local cultivated plants | | | | X | | | X | | |
| 40 | Share of national budget dedicated to SLM (%) | | | | | | | | X | |
| 41 | Share of the public support to development in the country that is dedicated to SLM (%) | | | | | | | | X | |
| 42 | Funds dedicated to scientific research on land degradation and management (US\$) | | | | | | | | | X |
| 43 | Enhancement of policy, legal and regulatory framework (incl. financing and incentives) | | | | | | | | X | X |
| 44 | % of development programme funding used by civil society | | | | | | | | X | X |
| 45 | Existence of a regulation system for agricultural price | | | | | | | | | X |