



COMITE SCIENTIFIQUE FRANCAIS DE LA DESERTIFICATION
 AGROPOLIS INTERNATIONAL – Avenue Agropolis – 34394 Montpellier CEDEX 5 – France
 Tél. : +33 (0)4 67 04 75 75 – Fax : +33 (0)4 67 04 75 99
 www.csf-desertification.org
 Contact: Isabelle Amsallem, amsallem@agropolis.fr

UNCCD Types 1: Global indicators for assessment of the implementation of strategic objectives
Selection after 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.

Type UNCCD		#	Indicators and units
STRATEGIC OBJECTIVE 1 To improve the living conditions of affected populations	S1 Decrease in numbers of people impacted by desertification/land degradation and droughts	1	Total number of people killed & affected by natural disasters, especially droughts (number)
		2	% of total population access to safe drinking water (%) - Urban and rural zones
		3	Water availability (per capita) (m ³ /yr/cap)
		(4)	<i>OPTIONAL: (Annual production of the main crop per capita (Mt/yr/cap))</i>
	S2 Increase in numbers of people living above poverty line	1	Fraction of population below national poverty line or by default below US\$1 (or 2US\$) /day (%)
		2	GINI Index (dimensionless)
		3	Economic loss due to natural disasters per capita and related to droughts and floods (US\$)
	S3 Decrease in numbers of people below the minimum level of dietary energy consumption in affected areas	1	Fraction of the population below the minimum caloric intake (%)
		2	Prevalence of children of less than 5 years having weight insufficiency (%)

Type UNCCD		#	Indicators and units
STRATEGIC OBJECTIVE 2 To improve the condition of affected ecosystems	S4 Decrease in affected areas	1	Land cover (ha, %) _ Different types (Forest, urban, woodlands...)
		2	Land use (ha, %) _ Different classes (Total, arable, permanent agriculture, tilled areas, permanent pasture...)
		3	Global vegetation Index (to be linked to rain)
		4	Vegetation cover fires : location, area (ha) and periods
		5	Biodiversity integrity index
		6	Area (ha) and seasonal availability of surface water bodies
		7	Edaphic indicator of soil surface change by wind action
		8	Total area affected by salinization (ha, % p/y)
		9	Average annual soil erosion rate (t/ha)
	S5 Increase in net primary productivity	1	Area of the different vegetation cover components (ha)
		2	Global vegetation Index
STRATEGIC OBJECTIVE 3 To generate global benefits through UNCCD	S6 Increase in carbon stocks in affected areas	1	Carbon stock in soil (tons C/ha)
	S7 Areas of forest, agricultural and aquaculture under sustainable management	1	Existence of firewood policies
		2	Existence of legislation on pastoral resources access
		3	Herder and Farmer associations (number)
		4	Measures and participative networks for natural resources management
		5	Certified forests by FSC (ha)

Type UNCCD		#	Indicators and units
STRATEGIC OBJECTIVE 3 To generate global benefits through UNCCD	S7 Areas of forest, agricultural and aquaculture under sustainable management	6	Share of production through certified channels (tons)
		7	Association of organic agriculture or/and fair trade farmers (number)
		8	Intensity of forest use (harvest / growth; % p/y)
		9	Use of synthetic fertilizers on agricultural lands (t/ha)
		10	Use of synthetic pesticides on agricultural lands (t/ha)
		11	Share of firewood in domestic consumption (%)
		12	Herd mobility, transhumance
		13	Increase of SLM area (ha)
		14	Number of farmer paid for environmental services SLM
		15	Variation of Endemic species number
		16	Abundance of selected key species (number)
		17	Abundance of invasive alien species (number)
		18	Location and surface of forest fire (ha)
19	Genetic variability of local cultivated plants		

Type UNCCD		#	Indicators and units
STRATEGIC OBJECTIVE 4	S8 Increase in available funds	1	Share of national budget dedicated to SLM (%)
		2	Share of the public support to development in the country that is dedicated to SLM (%)
To increase available funds for combating desertification and drought adaptation	S9 Development of policies addressing desertification	1	Funds dedicated to scientific research on land degradation and management (US\$)
		2	Enhancement of policy, legal and regulatory framework (incl. financing and incentives)
		3	% of development programme funding used by civil society
		4	Existence of a regulation system for agricultural price

TRAVAIL EN COURS