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INDICES

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Items: I: Institutional & Governancy; LCU: Land Cover & Land Use; SE: Socio-economics; VF: vegetation & Faune; WS: Water & Soil

Scales: G = Global; R = Regional; N = National; L = Local

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, agriculture 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

T4 = Type 4: Indicators for decision-makers, enabling the assessment of trends, success and failures at different scales

N°	Type UNCCD	Item	Indicators and units	Defintion	Rationale	Methodology	Primary data availability	Scale s	Feasi bility	Cost	Reference
1	S1; S2; S3; T4	SE	Indicator of the social development evolution	not defined		Children schooling (Variation of the ration [nb of schooled children/nb of children in age of schooling]; Variation of the percentage of girls' schooling); Nutritional state and sanitary improvement (Variation of the nutritional state of the children - of 5 years (WHO/OMS indicator); sanitary Improvement: variation of latrinesnumber and presence of waterborne sewage system (tout à l'égout)		N / L			Réquier-Desjardins & Bied-Charreton, 2002
2	S1; S2; S3; T4	SE	Evolution of the standards of living (location attractivity)	not defined		Variation of the number of persons having access to electricity, drinking water, telephone network; housing improvement: ratio variation (number of solid built / total number of buildings)		N / L			Réquier-Desjardins & Bied-Charreton, 2002
3	S2; T4	SE	Well-being Index	Number of people affected by inadequate ecosystem service supply		To be developed	To be determined	R / N / L			Anonyme 2008 GEF

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N°	Type UNCC D	Item	Indicators and units	Defintion	Rationale	Methodology	Primary data availability	Scale s	Feasi bility	Cost	Reference
4	S2; T4	SE	Human poverty index for developing countries (IPH-1)	While the HDI measures average achievement, the HPI-1 measures deprivations in the three basic dimensions of human development captured in the HDI: - A long and healthy life vulnerability to death at a relatively early age, as measured by the probability at birth of not surviving to age 40. - Knowledge exclusion from the world of reading and communications, as measured by the adult illiteracy rate. - A decent standard of living lack of access to overall economic provisioning, as measured by the unweighted average of two indicators, the percentage of the population without sustainable access to an improved water source and the percentage of children under weight for age.			GEODATABASE	N / L			http://geodata.grid.unep.ch/
5	S3; T4	SE	Potential food production per person (tons/ha)	not defined			GEODATABASE	N / L			http://geodata.grid.unep.ch/
6	S4	WS	Indicator of soil evolution	not defined		Surface state measure (to be defined)		L			Réquier-Desjardins & Bied-Charreton, 2002
7	S4 ; S7	SE	Attractiveness indicator (herders, animals): on going year, previous year, mean, min, max	not defined		Survey on transhumance		L			Ickowicz et al. 2005,
8	S4; S5; S7; T4	SE; VF	Indicator of rangeland zone state evolution	not defined		Camp size (nb of settlements and herds)		N / L			Réquier-Desjardins & Bied-Charreton, 2002
9	S4; S5; S7; T4	SE; VF	Degree of agropastoralism (pasture reserve state in farming lands)	not defined		Degree of integration between breeding and agriculture (fertilizer use, fattening practices): survey		L			Réquier-Desjardins & Bied-Charreton, 2002

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N°	Type UNCC D	Item	Indicators and units	Defintion	Rationale	Methodology	Primary data availability	Scale s	Feasi bility	Cost	Reference
10	S4; S5; T4	VF	Vegetation characterisation	not defined		Field work: plant species richness measure; Herbaceous biomasse (volume); Plant cover (percentage of the surface); Nb of perennial/annual (quantity and quality)		N / L			Réquier-Desjardins & Bied-Charreton, 2002
11	S4; S5; T4	VF	Indicator of the evolution of the vegetation state	not defined		Field work and remote sensing: woody species nb and evolution, bare soil rate (period and duration), biomass management		N / L			Réquier-Desjardins & Bied-Charreton, 2002
12	S4; S7	SE	Indicator of the range management evolution	not defined		Institution in charge of range uses; existence of access rules to pastures, control and taxes; limitation of the herd size; mechanism of conflict management		L			Réquier-Desjardins & Bied-Charreton, 2002
13	S4; S7; T4	SE	Landscape diversity	not defined				L			Réquier-Desjardins & Bied-Charreton, 2002
14	S4; T4	VF	Indicator of fallow evolution	not defined		Presence of postcultural facied; Presence of transient species; number of fallow (per age group); Ratio variation: fallow area/cultivated area		N / L			Réquier-Desjardins & Bied-Charreton, 2002
15	S4; T4	WS	Index of soil water state	not defined		Field works: maximum soil moisture storage available for vegetation; primary runoff coefficient of the soil during rainy years; Relative decrease of natural plant production during rainy years		L			Réquier-Desjardins et Bied-Charreton, 2002
16	S4; T5	I	Criminality index	TO BE DEFINED BY CSFD				N			WG CSFD, 2008
17	S7	I	Access to knowledge and tools (incl. SLM techniques)	not defined		Scorecard or Tracking Tool ; survey	To be determined	G / R / N / L			Anonyme 2008 GEF
18	S7	I	Endodromy zone (Herders, cattle): connected zones, historic axes of transhumance, mobility indicator, current year, previous year	not defined		Surveys on transhumance		N / L			Ickowicz et al. 2005,
19	S7	I	Model parameters: transhumance effort (herders, cattle); General theory of movement	not defined		Surveys on transhumance		N			Ickowicz et al. 2005,

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N°	Type UNCC D	Item	Indicators and units	Defintion	Rationale	Methodology	Primary data availability	Scale s	Feasi bility	Cost	Reference
20	S7	I	Breeding equipment index by habitat type	not defined		Presence / absence of veterinarian office, veterinary clinic and pharmacy, drilling, antenna, wells, managed pools, vaccination area, slaughterhouses, cattle market, louma ...)	City and municipality maps	N / L			Ickowicz et al. 2005,
21	S7	SE	Indicator of the evolution of livestock food practices	not defined		Inventory of herd food habits; access to the various types of food supply, transhumance and common land (vaine pature) (residues); relative part of the various cattle food supply; marketing of agricultural residues (village or zone scale) for animal breeding		L			Réquier-Desjardins & Bied-Charreton, 2002
22	S7	SE	Indicator of the evolution of breeder insertion into livestock trade	not defined		Cattle marketing rate; cattle price; fattening practice (embouche)		L			Réquier-Desjardins & Bied-Charreton, 2002
23	S7	SE	Socio-economic advantages from cattle possession	not defined				N / L			Carrière & Toutain (1995)
24	S7; S9	I	Official participation of the populations in the actions of the support structures through local organizations	not defined		Inventory of local organisations		N / L			Ickowicz et al. 2005,
25	S7; T4	I	Participation indicators (collective management of the proposed management)	not defined		Nb of persons participating to the initiative/total number of persons in the same (institutional) space; Nb of interested and participating women/total nb of women, Number of ethnic groups represented in the project / total number of ethnic groups on the same (institutional) space of the project; real beneficiaries / forecasted beneficiaries (number or by category); decision-making types; Number of meetings; Number and types of conflict; types of proposed animation: training...		N / L			Réquier-Desjardins et Bied-Charreton, 2002
26	S7; T4	I	Evolution of irrigated perimeter management	not defined		Type of irrigation decision, type of water distribution between plots of land, Costs of irrigation		L			Réquier-Desjardins & Bied-Charreton, 2002

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N°	Type UNCC D	Item	Indicators and units	Defintion	Rationale	Methodology	Primary data availability	Scales	Feasibility	Cost	Reference
27	S8; S9	I	Medias and commuication activities Indicators	TO BE DEFINED BY CSFD				N			CSFD WG, 2008
28	S9	I	Institutional and human capacities	not defined		Scorecard or Tracking Tool	to be determined	G / R / N / L			Anonyme 2008 GEF
29	S9	I	Conflict management indicators	TO BE DEFINED BY CSFD		To be determined		N / L			CSFD WG 2008
30	S9	I	Decentralisation indicators	TO BE DEFINED BY CSFD		To be determined		N / L			CSFD WG, 2008
31		I	Grass root indicators	TO BE DEFINED BY CSFD		Constructed from local population knowledge		L			CSFD WG, 2008

A ajouter (autre littérature consultée):

	S4	WS	Indice synthétique d'état de dégradation			Cet indice est constitué à partir de deux indicateurs qualitatifs, le sous-type de dégradation et le degré, et d'un indicateur quantitatif, l'extension. L'extension et le degré sont répartis en classes auxquelles est attribuée une valeur allant de 1 à 5 (cf. CD ROM Brabant). Le sous-type n'a, par définition, aucune valeur numérique. On totalise ainsi les valeurs de l'extension (de 1 à 5) et celles du degré (de 1 à 5), en pondérant la valeur du degré en fonction de l'épaisseur du sol, si c'est nécessaire. Représentation sous forme de carte et sous SIG.					Brabant, 2009
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