

Inventory Sheet on SLM Technologies



Country/region: _____

Contributor: _____
(name, institution, project, email)

Date: _____

#	Name of Technology	SLM group	Land use type	Location	Area	Main types of land degradation addressed	Conservation measures	Agro-climatic zone	Gradual climate changes and extremes		Slope
									Copes well	Copes poorly	
1											
2											
3											
	Give name of the Technology (be specific to ensure that the Technology can be distinguished from similar ones)	Choose one of the following: <ul style="list-style-type: none"> Natural and semi-natural forest management Forest plantation management Agroforestry Windbreak Area closure Rotational systems Pastoralism / grazing land management Integrated crop-livestock management Improved ground / vegetation cover Minimal soil disturbance Integrated soil fertility management Improved plant varieties / animal breeds Water harvesting Irrigation management Water diversion / drainage Surface water management Groundwater management Wetland protection / management Waste (water) management Energy efficiency technologies Home gardens For definitions see QT Core 3.4	Choose one of the following: <ul style="list-style-type: none"> C cropland G grazing land F forest/ woodlands M mixed (mixture of land use types within same land unit) S settlements, infrastructure W waterways, waterbodies, wetlands I mines, extractive industry U unproductive land For definitions see QT Core 3.2	Name of location/ region; coordinates (if available)	Area covered by Technology in km ²	Choose one or more of the following: <ul style="list-style-type: none"> W soil erosion by water E soil erosion by wind C chemical soil deterioration P physical soil deterioration B biological degradation H water degradation O other(specify) For definitions see QT Core 3.7	Choose one or a clearly defined combination of the following: <ul style="list-style-type: none"> A agronomic V vegetative S structural M management O other If you combine types, list according to importance. For definitions see QT Core 3.6	One or a combination of two adjacent zones: <ul style="list-style-type: none"> humid sub-humid semi-arid arid 	Choose gradual climate changes and extremes with which the Technology copes well or poorly: <ul style="list-style-type: none"> temperature increase seasonal rainfall increase seasonal rainfall decrease heavy rainfall events rainstorm windstorm sandstorm/ duststorm flood droughts/dry spells extended growing period reduced growing period other (specify) For other categories see QT Core 6.3	Choose one of the following: <ul style="list-style-type: none"> flat (0-2 %) gentle (3-5%) moderate (6-10%) rolling (11-15%) hilly (16-30%) steep (31-60%) very steep (>60%) 	

#	Short description of Technology (containing key characteristics of the Technology)
1	
2	
3	

#	Land use rights	Market orientation	On-site impacts			Off-site impacts	Cost/benefit		Potential for spread
			socio-economic	socio-cultural	ecological		short-term	long-term	
1									
2									
3									
	<p>Choose one or two of the following:</p> <ul style="list-style-type: none"> open access (unorganized) communal (organized) leased individual other (specify) 	<p>Choose one or two of the following:</p> <ul style="list-style-type: none"> subsistence (self-supply) mixed (subsistence/commercial) commercial/market 	<p>Choose from the list below (or consult the full list of socio-economic impacts in QT Core 6.1 for more categories) and mention if the impacts have increased or decreased (e.g. increased crop production):</p> <ul style="list-style-type: none"> crop production crop quality fodder production fodder quality wood production risk of production failure product diversity drinking water availability irrigation water availability expenses on agricultural inputs farm income other (specify) 	<p>Choose from the list below (or consult the full list of socio-cultural impacts in QT Core 6.1 for more categories) and mention if the impacts have worsened/reduced or improved/increased; weakened or strengthened (e.g. improved land use rights):</p> <ul style="list-style-type: none"> food security health situation land use/water rights cultural opportunities community institutions national institutions conflict mitigation other (specify) 	<p>Choose from the list below (or consult the full list of ecological impacts in QT Core 6.1 for more categories) and mention if the impacts have decreased or increased; reduced or improved (e.g. increased soil moisture):</p> <ul style="list-style-type: none"> water quantity water quality evaporation soil moisture soil cover soil loss soil compaction soil organic matter vegetation cover pests/diseases fire risk other (specify) 	<p>Choose from the list below (or consult the full list of off-site impacts in QT Core 6.2 for more categories) and mention if the impacts have decreased/reduced or increased/improved (e.g. damage on neighbors' fields reduced):</p> <ul style="list-style-type: none"> water availability (groundwater, springs) reliable and stable stream flows in dry season downstream flooding downstream siltation damage on neighbor's fields impact of greenhouse gases other (specify) 	<p>Indicate whether the benefits compared with the costs were:</p> <ul style="list-style-type: none"> very negative negative slightly negative neutral/balanced slightly positive positive very positive <p>Differentiate between short- and long-term.</p>	<p>Assess what the potential of the Technology is to be spread/taken up widely by land users. Choose from the following:</p> <ul style="list-style-type: none"> high potential: +++ medium potential: ++ low potential: + 	

#	Strengths of Technology	Weaknesses of Technology	Name of related Approach (if existing)
1			
2			
3			