

**United Nations Convention to Combat Desertification
Performance Review and Assessment of Implementation System**

Fourth UNCCD reporting cycle, 2010–2011 leg

Report as Affected Country Party

Lao People's Democratic Republic

Subregion: South East Asia

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General information section

GENERAL INFORMATION ON THE REPORTING ENTITY	
Reporting country	Lao People's Democratic Republic
Name and surname of the person submitting the report	Sengtaheuanghoung Oloth
Affiliation and contact details	oloth_s@hotmail.com

Affected Country Parties

Impact indicators

Strategic Objectives 1, 2 and 3

Following [decision 17/COP.9](#), affected country Parties are requested to report on two mandatory impact indicators (i.e.: proportion of population living below the poverty line and land cover status), through the associated metrics identified during the iterative process for the refinement of the set of impact indicators (i.e.: poverty rate, land cover and land productivity).

Affected country Parties might also decide to report on the remaining nine impact indicators provisionally accepted by the COP (see [decision 17/COP.9](#)) but considered optional for inclusion in reports.

Alternative indicators considered more suitable than the provisionally accepted indicators may also be reported on. The condition for reporting on alternative indicators is that these fit into the underlying logic of measuring progress against strategic objectives 1, 2 and 3 of the Strategy.

Reporting is guided by means of templates, one for each of the two mandatory indicators, plus one generic reporting template for the remaining nine impact indicators and alternative indicators. Detailed reporting guidelines are available for the two mandatory impact indicators.

General information on impact indicators on strategic objectives 1, 2 and 3

Definition of affected areas

Does your National Action Programme (NAP) identify areas of the country which are affected by Desertification, Land Degradation and Drought (DLDD)?

No

If no, does any other national planning document identify areas of the country which are affected by DLDD?

Yes

Please specify the national document that identifies areas affected by DLDD in your country.

Author	Year	Publication title	Publisher	Website address
SSLCC	2000	Soil Survey and soil map of Lao PDR	sslcc	nafri.org.la
MRCs	1990	Watershed Classification map of Lao PDR	MRCS	wsc@laonet.net
APRC/NAFRI	2011	Drought and Flood Characteristic In Lao PDR	APRC	nafri.org.la
Department of Forestry	2005	Assessment of Forest Cover and Land Use from 1992-2002	Department of Forestry	---

Please specify which areas of the country are considered as affected by DLDD (e.g. name of relevant provinces, states and districts):

Houaphanh,Xiengkhouang, Phongsaly, Luangprabang,Champasack, Salavan,Attapeu, savannaket provinces|

Please specify the estimated total number of square kilometres of the national territory occupied by areas affected by DLDD:

15005 km²

Please specify the percentage of the national land area occupied by areas affected by DLDD:

5 %

Please specify the definition used to identify areas affected by DLDD in your country:

Literate soil (Leptosols), Salt affected soil (Solonetz,Solonchaks), Sandy soil (Arenosols),Barren land, grass land and Drought prone areas. |

Please specify what methods were used to identify areas affected by DLDD in your country:

Soil survey and Classification (FAO Systems Classification), Soil Water Balance Model|

If available, please provide the geographic datasets which show the areas affected by DLDD.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum (The file should have a maximum size of 25MB). If the raw data are not available please provide a map showing the extent of areas affected by DLDD. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format (The file should have a maximum size of 25MB). To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders etc)

Attachments:

None.

Definition of rural areas

Does any national planning document define rural areas in your country?

Yes

Please specify the national document that defines rural areas in your country.

Author	Year	Publication title	Publisher	Website address
World Bank	2010	Rural population in lao PDR	---	---
Peter Messerli, Andreas Heinimann, Michael Eprecht	2005	Socio-Economic ATLAS of Lao PDR	---	---
Ministry of Planning and Investment, UNDP	2009	Employment and Livelihoods in Lao PDR	---	---
Ministry of Planning and Investment, UNDP	2008	Poverty in Lao PDR	---	---

Please state the national definition of rural areas in your country:

Rural population refers to people living in rural areas as defined by national statistical offices. It is calculated as the difference between total population and urban population.

Human population estimates

Please state estimates of the human population living in the national area of your country, in rural areas of your country and areas affected by DLDD in your country.

Include details on the methodology used to establish these estimates.

Year	Number of people living in the national	Number of people living in rural areas	Number of people living in affected	Method used	Was every region (or equivalent sub-national unit) of your country covered	Please state the approximate proportion of the national human population surveyed
------	---	--	-------------------------------------	-------------	--	---

	area		areas		in the assessment?	during the assessment
2000	5497459	4147307	---	Nationwide census	---	---
2001	5635967	4160535	---	Nationwide census	---	---
2002	5777180	4168697	---	Nationwide census	---	---
2003	5921545	4173124	---	Nationwide census	---	---
2004	6068117	4175486	---	Nationwide census	---	---
2005	6217141	4176926	---	Nationwide census	---	---
2006	6368481	4173219	---	Nationwide census	---	---
2007	6521998	4168578	---	Nationwide census	---	---
2008	6677534	4162407	---	Nationwide census	---	---
2009	6834942	4153813	---	Nationwide census	---	---
2010	6368162	4142197	---	Nationwide census	---	---
2011	6477211	---	---	---	---	---

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
world Bank	2010	Lao PDR - rural population	---	Lao rural areas

Core indicator S-(1/2/3): Poverty Rate

UNCCD Strategic Objective(s) for which the indicator applies

Strategic Objective 1: To improve the living conditions of affected populations

UNCCD Core indicator S-(1/2/3)

Improvement in the livelihoods of people potentially impacted by the process of desertification/land degradation and drought

Name of the indicator

Proportion of population living below the poverty line

Metric

Poverty Rate

Purpose of the indicator

To measure and monitor changes in poverty, as a proxy for human well-being. This can be used to identify deprived livelihoods, assess the impacts of desertification and assess progress made by the Parties in combating desertification.

Understanding of the indicator

The **poverty line** describes an absolute threshold below which people are considered to be poor. The **poverty rate** describes the percentage of the human population living below the poverty line. Ideally, Parties report the poverty rate for affected areas using the rural poverty line (poverty line specific to rural areas). In addition, the rural poverty line should be used to report the poverty rate in rural areas. In the absence of the rural poverty line, the national poverty line should be used to report the poverty rate in affected and rural areas or, if these are not available, in the country as a whole. Finally, if no poverty lines are available, the generic poverty line of US\$ 2.00/capita/day should be used to assess poverty rates.

Data needed

Size of human population, a poverty line and the number of people falling below the poverty line.

Relevant terms in the glossary

'absolute poverty', 'absolute poverty line', 'consumption', 'consumption survey', 'currency', 'data', 'data analysis', 'data source', 'desertification/land degradation and drought (DLDD)', 'ecosystem services', 'e-SMART', 'expert knowledge', 'income', 'income survey', 'indicator', 'indicator metadata', 'metric', 'national poverty line', 'national poverty rate', 'nationwide census', 'non stratified random survey' 'population census', 'poverty line', 'relative poverty' 'relative poverty lines', 'rural poverty line', 'rural poverty rate', 'stratified random sampling' 'stratified random survey'.

Reporting on the indicator**Rural poverty line**

Does your country have a poverty line that is specific to rural areas (rural poverty line)?

No

If yes, please state the rural poverty line in your country for the most recent years and the method used to define the rural poverty line.

Please choose the method category which best represents that used in the assessment

No answer required.

Please specify the sources used to extract the information provided above.

No answer required.

If yes, please state the number of people and the percentage of the population living below the rural poverty line in affected areas.

Furthermore, please state the method used to assess the poverty rate in affected areas and the proportion of the population included in the assessment.

No answer required.

If yes, please state the number of people and the percentage of the population living below the rural poverty line in rural areas.

Furthermore, please state the method used to assess the poverty rate in rural areas and the proportion of the population included in the assessment.

No answer required.

Please specify the sources used to extract the information provided above.

No answer required.

National poverty line

If data related to the rural poverty line was provided, please **do not** respond to this section.

If no rural poverty line is available, does your country have a national poverty line?

Yes

If yes, please state the national poverty line in your country for the most recent years and the method used to define the national poverty line.

Please choose the method category which best represents that used in the assessment.

Year	National poverty line (value)	Currency	Method used
2000	---	---	---
2001	---	---	---
2002	12500	LAK	Consumption survey
2003	---	---	---
2004	---	---	---
2005	---	---	---
2006	---	---	---
2007	---	---	---
2008	---	---	---
2009	---	---	---
2010	---	---	---
2011	---	---	---

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
Anders Engvall, Nina Fenton	2008	Poverty in Lao PDR	---	nsc.gov.la

Please state the number of people and the percentage of the population living below the national poverty line in affected areas.

Year	Affected areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in affected areas surveyed during the poverty assessment
2000	---	---	---	---
2001	---	---	---	---
2002	---	---	---	---
2003	---	---	---	---
2004	---	---	---	---

Year	Affected areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in affected areas surveyed during the poverty assessment
2005	---	---	---	---
2006	---	---	---	---
2007	---	---	---	---
2008	---	---	---	---
2009	---	---	---	---
2010	---	---	---	---
2011	---	---	---	---

Please state the number of people and the percentage of the population living below the national poverty line in rural areas.

Year	Rural areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in rural areas surveyed during the poverty assessment
2000	---	---	---	---
2001	---	---	---	---
2002	---	---	---	---
2003	---	---	---	---
2004	---	---	---	---
2005	---	---	---	---
2006	---	---	---	---
2007	---	---	---	---
2008	---	---	---	---
2009	---	---	---	---
2010	---	---	---	---
2011	---	---	---	---

If neither of these is available, please state the percentage of the population living below the national poverty line in the country as a whole.

Year	Country
------	---------

	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the national human population surveyed during the poverty assessment
2000	---	---	---	---
2001	---	---	---	---
2002	1935355	33	Nationwide census	---
2003	---	---	Nationwide census	---
2004	---	---	---	---
2005	---	---	---	---
2006	---	---	---	---
2007	1800068	27	Nationwide census	---
2008	---	---	---	---
2009	---	---	---	---
2010	---	---	---	---
2011	---	---	---	---

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
Anders Engvall	2008	Poverty in Lao PDR 2008	---	nsc.gov.la
Phonesaly Souksavath	2009	Employment and Livelihoods	---	---

International poverty line

If data related to the rural poverty line or to the national poverty line was provided, please **do not** respond to this section.

If neither the rural poverty line nor the national poverty line are available, please state the number of people and the percentage of the population living below the international poverty line (US\$ 2.00/capita/day) in affected areas.

Year	Affected areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in affected areas surveyed during the poverty assessment
2000	---	---	---	---
2001	---	---	---	---
2002	---	---	---	---
2003	---	---	---	---

Year	Affected areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in affected areas surveyed during the poverty assessment
2004	---	---	---	---
2005	---	---	---	---
2006	---	---	---	---
2007	---	---	---	---
2008	---	---	---	---
2009	---	---	---	---
2010	---	---	---	---
2011	---	---	---	---

If there is no national poverty line, please state the number of people and the percentage of the population living below the international poverty line (US\$ 2.00/capita/day) in rural areas.

Year	Rural areas			
	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the human population living in rural areas surveyed during the poverty assessment
2000	---	---	---	---
2001	---	---	---	---
2002	---	---	---	---
2003	---	---	---	---
2004	---	---	---	---
2005	---	---	---	---
2006	---	---	---	---
2007	---	---	---	---
2008	---	---	---	---
2009	---	---	---	---
2010	---	---	---	---
2011	---	---	---	---

If neither of these is available, please state the percentage of the population living below the international poverty line (US\$ 2.00/capita/day) in the country as a whole.

Year	Country
------	---------

	Number of people	Percentage of population	Method of poverty assessment	Approximate proportion of the national human population surveyed during the poverty assessment
2000	---	---	---	---
2001	22543868	40.00	Nationwide census	---
2002	2310872	40.00	Nationwide census	---
2003	---	---	---	---
2004	---	---	---	---
2005	1908662	30	Nationwide census	0%
2006	---	---	---	---
2007	---	---	---	---
2008	---	---	---	---
2009	1777084	26	Nationwide census	0%
2010	1655722	26	Nationwide census	0%
2011	---	---	---	---

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
Department of National statistic	2010	Poverty in Laos	---	---

Contact details

General information on the national contact person for this indicator

Name and surname

Department of statistics, MPI|

Institution

Department of statistics, MPI|

Address

Ministry of Planning and Investment, Department of statistics PO. Box: 60, Vientiane, Lao PDR, Tel: 856 21 243 670, Fax: 856 21 243 669, Email: nhdr@etlao.com.

UNDP, Lanxang Avenue, P.O Box: 345, Vientiane Lao PDR, Tel:856 21 267799, Fax 856 21 264 939|

Email

nscp@latel.com

Telephone

856 21 243 670, 267799|

Interpretation of indicator status/trend and policy implications

Poverty in affected areas

Did you provide data on poverty in affected areas?

No

If yes, please state whether you provided data for more than one year.

No answer required.

If no, do you see a pattern in the data?

No answer required.

Please explain the pattern emerging from the data and how it relates to DLDD.

No answer required.

If yes, does the poverty rate in affected areas change over time?

No answer required.

If no, please explain possible reasons why the poverty rate in affected areas does not change over time.

No answer required.

If yes, does the poverty rate in affected areas increase or decrease?

No answer required.

Please explain the pattern emerging from the data.

No answer required.

Is there a functional relationship between DLDD and the poverty rate in affected areas?

No answer required.

Please describe how DLDD affects the poverty rate in affected areas.

No answer required.

If DLDD does not affect the poverty rate in affected areas, please describe the other factor(s) responsible for changes in the poverty rate in affected areas.

No answer required.

Please upload a graph showing the percentage of human population below the poverty line in affected areas, covering all years for which data are provided in section “Poverty Rate” / sub-section “Reporting on the indicator”.

The graph should be provided as jpg or pdf with a maximum file size of 2MB

No answer required.

To facilitate understanding please explain clearly what can be seen in the diagram (keys, classes, etc).

No answer required.

Poverty in rural areas

Did you provide data on poverty in rural areas?

No

If yes, please state whether you provided data for more than one year.

No answer required.

If no, do you see a pattern in the data?

No answer required.

Please explain the pattern emerging from the data and how it relates to DLDD.

No answer required.

If yes, does the poverty rate in rural areas change over time?

No answer required.

If no, please explain possible reasons why the poverty rate in rural areas does not change over time.

No answer required.

If yes, does the poverty rate in rural areas increase or decrease?

No answer required.

Please explain the pattern emerging from the data.

No answer required.

Is there a functional relationship between DLDD and the poverty rate in rural areas?

No answer required.

Please describe how DLDD affects the poverty rate in rural areas.

No answer required.

If DLDD does not affect the poverty rate in rural areas, please describe the other factor(s) responsible for changes in the poverty rate in rural areas.

No answer required.

Please upload a graph showing the percentage of human population below the poverty line in rural areas, covering all years for which data are provided in section “Poverty Rate” / sub-section “Reporting on the indicator”.

The graph should be provided as jpg or pdf with a maximum file size of 2MB

No answer required.

To facilitate understanding please explain clearly what can be seen in the diagram (keys, classes, etc).

No answer required.

Please state the actions and policies that you currently have in place or any that will be implemented in the future to address the implications of the indicator trend or lack thereof for addressing DLDD in your country.

No answer required.

Poverty at the national level

If data was provided for either affected or rural areas, please **do not** respond to this section.

Did you provide data on poverty at the national level?

Yes

If yes, please state whether you provided data for more than one year.

Yes

If no, do you see a pattern in the data?

No answer required.

Please explain the pattern emerging from the data and how it relates to DLDD.

No answer required.

If yes, does the poverty rate at national level change over time?

Yes

If no, please explain possible reasons why the poverty rate at national level does not change over time.

No answer required.

If yes, does the poverty rate at national level increase or decrease?

Decrease

Please explain the pattern emerging from the data.

The poverty headcount rate at national poverty line in 1992 almost half of Lao population lived in poverty. By 2007, the poverty headcount rate was above a quarter. The national poverty line is dramatically decreased.

Is there a functional relationship between DLDD and the poverty rate at the national level?

Uncertain

Please describe how DLDD affects the poverty rate at the national level.

No answer required.

If DLDD does not affect the poverty rate at the national level, please describe the other factor(s) responsible for changes in the poverty rate at the national level.

No answer required.

Please upload a graph showing the percentage of the national population below the poverty line, covering all years for which data are provided in section "Reporting on the indicator".

The graph should be provided as jpg or pdf with a maximum file size of 2MB

Attachments:

None.

To facilitate understanding please explain clearly what can be seen in the diagram (keys, classes, etc).

The poverty headcount rate at national poverty line in 1992 almost half of Lao population lived in poverty. By 2007, the poverty headcount rate was above a quarter. The national poverty line is dramatically decreased.

Please state the actions and policies that you currently have in place or any that will be implemented in the future to address the implications of the indicator trend or lack thereof for addressing DLDD in your country.

No answer

Feedback

Report on specific COP requests – iterative process on indicators

Decision 13/COP.9 (paragraphs 2, 3 and 4) and decision 17/COP.9 envisage an iterative process to refine the set of performance and impact indicators. As a tool to implement this iterative process, affected country Parties can provide here their suggestions and recommendations for improvement. Using a scale from 0 to 5, where 0 = (no, not at all) and 5 = (yes, very much), please rate the indicator. Please write any comments related to your assessment under the column "remarks".

Assessment Criteria (e-SMART)	Score	Remarks
Relevant – Does the indicator provide information about changes in primary processes	4	---

Assessment Criteria (e-SMART)	Score	Remarks
unambiguously related to DLDD and UNCCD implementation?		
Relevant – Is the indicator relevant for DLDD national planning purposes, including monitoring of the National Action Programme (NAP)?	3	---
Relevant – Can policymakers easily understand the indicator?	5	---
Specific – Is the indicator based on well-understood and generally accepted conceptual models of the system to which it is applied so that changes in its value will have clear meaning regarding the process of concern?	4	---
Specific – Is the requested spatial scale (national vs. affected areas) of the indicator appropriate for its monitoring purposes?	3	---
Measurable – Are the definitions of the indicator and its constitutive elements clear and not ambiguous?	4	---
Measurable – Are the proposed methodologies for the measurement of this indicator sufficiently clear to ensure reliable data?	4	---
Time-bound – Is the indicator sensitive enough to detect important changes but not so sensitive that signals are masked by natural variability?	3	---
Time-bound – Can the indicator detect changes at the required temporal and spatial scales and are the up-scaling / cross-scaling rules clear?	3	---
Achievable – Are reliable data and monitoring systems available to assess trends and is data collection a relatively straightforward process?	4	---
Achievable – Is the frequency of data collection in line with the monitoring and reporting requirements of the UNCCD?	4	---
Economic – Is the indicator cost-effective? Is the cost of data collection affordable and worthwhile? (consider any required cost for personnel, capital but also, recurring costs)	4	---

Core indicator S-5: Land Cover Status

UNCCD Strategic Objective(s) for which the indicator applies
Strategic Objective 2: To improve the condition of ecosystems

UNCCD Core indicator S-5

Maintenance of or increases in ecosystem function, including net primary productivity

Name of the indicator

Land cover status

Metric

Land cover / land productivity

Purpose of the indicator

The purpose of this indicator is to measure and monitor changes in land cover and land productivity. This can be used to indicate land degradation in terms of long-term loss of ecosystem primary productivity, and assess the progress made in maintaining or improving the condition of ecosystems.

Understanding of the indicator

Land cover reflects the (bio) physical dimension of the earth's surface. This can indicate the land's ability to sustain human activity and land use. Ideally, parties should provide data on the area of each land cover type, the percentage of the total national area covered by each land cover type and any patterns and trends over time. Where available, data should also be provided on the net primary productivity of each land cover type, to give some indication of the total productive capacity of the land.

Data needed

Total national land area, classification of land cover types, the total area of each land cover type (square km) and the total area of each land cover type as a percentage of the total national land area.

Relevant terms in the glossary

'aerial photo', 'data', 'data analysis', 'data source', 'desertification/land degradation and drought (DLDD)', 'Enhanced Vegetation Index (EVI)', 'e-SMART', 'expert knowledge', 'field survey', 'Fraction of photosynthetically active radiation absorbed by vegetation (FAPAR)', 'Global Inventory Modeling and Mapping Studies (GIMMS)', 'ground-truthing', 'indicator' 'land cover', 'Land Cover Classification System (LCCS)', 'land productivity', 'metric', 'minimum mapping unit (MMU)', 'Net primary productivity (NPP)', 'Normalized Difference Vegetation Index (NDVI)', 'Rainfall Use Efficiency (RUE)', 'remote sensing', 'satellite image', 'spatial resolution', 'temporal resolution'

Reporting on land cover

Reporting on the indicator

Land Cover Type #3 — DD

Land cover type

Name

DD

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Dry Dipterocarp Forest occurs in open stands. The tree diameter is comparative small and the height of the stands varie from 8-25 m. The crowns do not spread out widely. This type of forest is normally found in places with shallow soil, where hard pan emerges above the ground, and on laterized soil.
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer

Year	Definition of land cover type
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:
Satellite image

Classification:
Manual

Please specify the spatial resolution of the image:
No answerm

Please specify the temporal resolution of the image:
No answerdays

Please specify the minimum mapping unit (MMU) of the image:
No answerm

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:
No answer%

High resolution verification?

If percentage accuracy is available, please specify:
No answer%

Expert opinion?

Please specify how accurate the map was judged by the experts:
No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
Department of Forestry	2005	Report on The Assessment of Forest cover and Land Use during 1992-2002	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	No answer	No answer%
2001	No answer	No answer%
2002	13172	5.56%
2003	No answer	No answer%
2004	No answer	No answer%
2005	No answer	No answer%
2006	No answer	No answer%
2007	No answer	No answer%
2008	No answer	No answer%
2009	No answer	No answer%
2010	No answer	No answer%
2011	No answer	No answer%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

Forestry Inventory and Planning Division

Institution

Department of Forestry

AddressMinistry of Agriculture and Forestry, Department of Forestry, That Dam Campus, Chanthabury District,
Vientiane Capital, Lao PDR|**Email**<http://www.dof.maf.gov.la>**Telephone**

856 21 5000

Land Cover Type #4 — LDE

Land cover type

Name

LDE

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Lower Dry Evergreen Forest is Dry Evergreen forest located at altitude below 200m. The second storey is usually dense and the height varying from 10-30m, is usually quite even within the stand.
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

2002

Method used:

Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

40%

If field survey was used, were the surveys extrapolated to the entire country?

Yes

If remote sensing was used, identify the type and answer the following questions:

Satellite image

Classification:

Manual

Please specify the spatial resolution of the image:

No answerm

Please specify the temporal resolution of the image:

No answerdays

Please specify the minimum mapping unit (MMU) of the image:

No answerm

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

No answer%

High resolution verification?

If percentage accuracy is available, please specify:

No answer%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

No answer

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	2005	Assessment of Forest Cover and Land Use during 1992-2002	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the

total national area covered by this land cover type.

Year	square km	% of total
2000	No answer	No answer%
2001	No answer	No answer%
2002	560	0.23%
2003	No answer	No answer%
2004	No answer	No answer%
2005	No answer	No answer%
2006	No answer	No answer%
2007	No answer	No answer%
2008	No answer	No answer%
2009	No answer	No answer%
2010	No answer	No answer%
2011	No answer	No answer%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #5 — UDE

Land cover type

Name

UDE

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	no answer
2001	no answer
2002	Upper dry Evergreen is Dry Evergreen forest located at an altitude above 200m. Some characteristics species of this type are Hopea spp, Pterocarpus pelatus, Dipterocarpus alatus, Lagerstroemia spp. Anisoptera spp. the height of upper and second storey is usually less than LDE
2003	no answer
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Satellite image

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	13879	5.86%
2003	---	---%
2004	---	---%

Year	square km	% of total
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #7 — Lower Mixed Deciduous Forest

Land cover type

Name

Lower Mixed Deciduous Forest

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Lower mixed deciduous Forest is mixed deciduous forest located at an altitude below 200m.
2003	---
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:
Satellite image

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	8810	3.72%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #8 — UMD

Land cover type

Name

UMD

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Upper Mixed Deciduous Forest is located at altitude above 200m, in moist areas there might be a lot of climbers, and it could be difficult to distinguish this forest type from the dry evergreen types
2003	---
2004	---
2005	---

Year	Definition of land cover type
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

Method used:

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:
---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	54995	23.22%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:*None.****To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).****No answer provided.*

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

As above

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #9 — GE

Land cover type

Name

GE

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Gallery Forest is not characterized by tree species composition but could be either deciduous or evergreen.
2003	---
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and

the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

<p><i>Item 1</i></p> <p>Year: ---</p> <p>Method used: ---</p> <p>If field survey was used, please specify the percentage of country surface sampled: ---</p> <p>If field survey was used, were the surveys extrapolated to the entire country? ---</p> <p>If remote sensing was used, identify the type and answer the following questions: ---</p> <p>Classification: ---</p> <p>Please specify the spatial resolution of the image: ---m</p> <p>Please specify the temporal resolution of the image: ---days</p> <p>Please specify the minimum mapping unit (MMU) of the image: ---m</p> <p>Please specify the year that the photo was captured: ---</p> <p>Please specify the month that the image was captured: ---</p> <p>Percentage of country surface assessed via this classification: ---</p> <p>Ground truthing conducted? ---</p> <p>If percentage accuracy is available, please specify: ---%</p> <p>High resolution verification? ---</p> <p>If percentage accuracy is available, please specify: ---%</p> <p>Expert opinion? ---</p> <p>Please specify how accurate the map was judged by the experts: ---</p> <p>Please specify the number of experts involved: ---</p>

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	282	0.11%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone*No answer provided.*

Land Cover Type #10 — S

Land cover type

Name

S

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Coniferous forest is usually single storey and open but the young growth may sometimes from dense second storey. occured in high elevation with cool climate. tree species is Pinus spp
2003	---
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

*Item 1***Year:**

Method used:

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	891	0.37%
2003	---	---%

Year	square km	% of total
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #11 — MS

Land cover type

Name

MS

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Mixed Coniferous and Broadleaved Forest is a transition type between the coniferous and broadleaved forest. Coniferous trees could be mixed with deciduous or evergreen trees. Located at high elevation
2003	---
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

Method used:

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	5258	2.22%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%

Year	square km	% of total
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #12 — P

Land cover type

Name

P

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	---
2001	---
2002	Forest Plantation is planted trees

Year	Definition of land cover type
2003	---
2004	---
2005	---
2006	---
2007	---
2008	---
2009	---
2010	---
2011	---

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

Method used:

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	400	0.16%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer provided.

Contact details

General information on the national contact person for this indicator

Name and surname

No answer provided.

Institution

No answer provided.

Address

As above

Email

No answer provided.

Telephone

No answer provided.

Land Cover Type #13 — B

Land cover type

Name

B

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No data
2001	No data
2002	Bamboo is areas where covered with bamboo and the crown cover is less than 5%
2003	No data
2004	No data
2005	No data
2006	No data
2007	No data
2008	No data
2009	No data

Year	Definition of land cover type
2010	No data
2011	No data

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:
---%

High resolution verification?

If percentage accuracy is available, please specify:
---%

Expert opinion?

Please specify how accurate the map was judged by the experts:
No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	5390	2.27%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #14 — RA

Land cover type

Name

RA

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No data
2001	No data
2002	Ray (Shifting Cultivation)is areas where forest was slashed and burned for temporary cultivation of upland rice
2003	No data
2004	No data
2005	No data
2006	No data
2007	No data
2008	No data
2009	No data
2010	No data
2011	No data

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

<p><i>Item 1</i></p> <p>Year:</p> <p>2002</p>
--

Method used:

Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
------	-----------	------------

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	5169	2.18%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land cover type

Name

T

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Unstocked Forest areas are previously forested areas in which the crown density has been reduced to less than 20% due to shifting cultivation or logging.
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	1009630	42.63%
2003	---	---%
2004	---	---%
2005	---	---%

Year	square km	% of total
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #16 — SH

Land cover type

Name

SH

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Savannah/Open Woodland is an areas where the soil conditions are not suitable for tree growth as well as crop growth. Tree cover is less than 1% but not more than 20%. Tree species are drought tolerance species and short with graminaceous and herbaceous plants forming understorey
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	944	0.39%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%

Year	square km	% of total
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #17 — SR

Land cover type

Name

SR

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Heath, Scrub Forest is areas where covered by scrubs, stunted trees. Soil is shallow and rocky
2003	No answer

Year	Definition of land cover type
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:
---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	1921	0.81%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution

of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

No answer provided.

Address

As above

Email

As above

Telephone

As above

Land Cover Type #18 — RP

Land cover type

Name

RP

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Rice Paddy (low land rice production)
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

<p><i>Item 1</i></p> <p>Year: 2002</p> <p>Method used: Remote sensing</p> <p>If field survey was used, please specify the percentage of country surface sampled: ---</p> <p>If field survey was used, were the surveys extrapolated to the entire country? ---</p> <p>If remote sensing was used, identify the type and answer the following questions: ---</p> <p>Classification: Manual</p> <p>Please specify the spatial resolution of the image: ---m</p> <p>Please specify the temporal resolution of the image: ---days</p> <p>Please specify the minimum mapping unit (MMU) of the image: ---m</p> <p>Please specify the year that the photo was captured: ---</p> <p>Please specify the month that the image was captured: ---</p> <p>Percentage of country surface assessed via this classification: ---</p> <p>Ground truthing conducted? ---</p> <p>If percentage accuracy is available, please specify: ---%</p> <p>High resolution verification? ---</p> <p>If percentage accuracy is available, please specify: ---%</p> <p>Expert opinion? ---</p> <p>Please specify how accurate the map was judged by the experts: ---</p> <p>Please specify the number of experts involved: ---</p>
--

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
--------	------	-------------------	-----------	-----------------

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	9637	4.07%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

No answer provided.

Address

As above

Email

As above

Telephone

As above

Land Cover Type #19 — AP

Land cover type

Name

AP

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Agriculture Plantation is areas where crops (fruit trees, vegetable, industrial and leguminous crops) are planted rather than rice
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

<p><i>Item 1</i></p> <p>Year: 2002</p> <p>Method used: Remote sensing</p> <p>If field survey was used, please specify the percentage of country surface sampled:</p>

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%

Year	square km	% of total
2002	2168	0.91%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

No answer provided.

Address

As above

Email

As above

Telephone

As above

Land Cover Type #20 — OA

Land cover type

Name

OA

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Other Agriculture Land is areas being used for many purposes than crop cultivation like grazing for cattle
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
---	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	195	0.08%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%

Year	square km	% of total
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #21 — R

Land cover type

Name

R

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer

Year	Definition of land cover type
2002	Barren Land is unfertile soil or severely degraded land on shallow soil and rocky
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	2310	0.97%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #22 — G

Land cover type

Name

G

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Grassland is unfertile or degraded land on which no trees and shrubs grown. It might be too dry for crop production
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer

Year	Definition of land cover type
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:
---m

Please specify the temporal resolution of the image:
---days

Please specify the minimum mapping unit (MMU) of the image:
---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:
---%

High resolution verification?

If percentage accuracy is available, please specify:
---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	---	---%
2001	---	---%
2002	5793	2.44%
2003	---	---%
2004	---	---%
2005	---	---%
2006	---	---%
2007	---	---%
2008	---	---%
2009	---	---%
2010	---	---%
2011	---	---%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #23 — U

Land cover type

Name

U

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Urban area is permanent settlements like villages, towns, cities
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

2002

Method used:

Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
------	-----------	------------

Year	square km	% of total
2000	No answer	No answer%
2001	No answer	No answer%
2002	1353	0.57%
2003	No answer	No answer%
2004	No answer	No answer%
2005	No answer	No answer%
2006	No answer	No answer%
2007	No answer	No answer%
2008	No answer	No answer%
2009	No answer	No answer%
2010	No answer	No answer%
2011	No answer	No answer%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #24 — SW

Land cover type

Name

SW

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Swamps is areas where soil is saturated by water. Soil may be fertile.
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:
2002

Method used:
Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:
Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

Please specify the number of experts involved:

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	No answer	No answer%
2001	No answer	No answer%
2002	510	0.21%
2003	No answer	No answer%
2004	No answer	No answer%
2005	No answer	No answer%
2006	No answer	No answer%

Year	square km	% of total
2007	No answer	No answer%
2008	No answer	No answer%
2009	No answer	No answer%
2010	No answer	No answer%
2011	No answer	No answer%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Land Cover Type #25 — W

Land cover type

Name

W

Methodology and data availability

Please provide the definition used for this land cover type for each year between 2000 and 2011 for which land cover data are available.

If available, LCCS should be used as land cover classification system.

Year	Definition of land cover type
------	-------------------------------

Year	Definition of land cover type
2000	No answer
2001	No answer
2002	Water body include rivers, water reservoirs (dams), lakes
2003	No answer
2004	No answer
2005	No answer
2006	No answer
2007	No answer
2008	No answer
2009	No answer
2010	No answer
2011	No answer

Please state the methodology used to produce land cover data in your country for the most recent years and the availability of associated images.

Where remote sensing was used, state the respective year and month in which remote sensing was carried out to derive images.

Item 1

Year:

2002

Method used:

Remote sensing

If field survey was used, please specify the percentage of country surface sampled:

If field survey was used, were the surveys extrapolated to the entire country?

If remote sensing was used, identify the type and answer the following questions:

Classification:

Manual

Please specify the spatial resolution of the image:

---m

Please specify the temporal resolution of the image:

---days

Please specify the minimum mapping unit (MMU) of the image:

---m

Please specify the year that the photo was captured:

Please specify the month that the image was captured:

Percentage of country surface assessed via this classification:

Ground truthing conducted?

If percentage accuracy is available, please specify:

---%

High resolution verification?

If percentage accuracy is available, please specify:

---%

Expert opinion?

Please specify how accurate the map was judged by the experts:

No answer

Please specify the number of experts involved:

No answer

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
As above	---	---	---	---

Indicator data

For the years available, please provide the total area covered (in square kilometres) and the proportion of the total national area covered by this land cover type.

Year	square km	% of total
2000	No answer	No answer%
2001	No answer	No answer%
2002	2200	0.92%
2003	No answer	No answer%
2004	No answer	No answer%
2005	No answer	No answer%
2006	No answer	No answer%
2007	No answer	No answer%
2008	No answer	No answer%
2009	No answer	No answer%
2010	No answer	No answer%
2011	No answer	No answer%

Please provide the geographic datasets which underpin the land cover information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84 datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Contact details

General information on the national contact person for this indicator

Name and surname

As above

Institution

As above

Address

As above

Email

As above

Telephone

As above

Interpretation of indicator status/trend and policy implications

Interpretation of the indicator

Did you provide data for more than one year?

No

If no, do you see a pattern in the data related to affected areas?

Yes

Please explain the pattern emerging from the data and how it relates to DLDD.

Barren land and Grassland are in very high prone to land degradation at present situation due to lack of ground covers . While shifting cultivation areas and Unstocked forest is very susceptible to soil erosion in the future due to steep slope when heavy rain fall occurs, it may lead to severe degradation in the future if there is no protection and management action.

Does the indicator change over time?

No answer required.

If no, please explain possible reasons why the indicator does not change over time

No answer required.

If yes, is there a functional relationship between the indicator and DLDD?

No answer required.

If DLDD does not affect the indicator, please describe the other factor(s) responsible for changes in the

indicator value over time.

No answer required.

Please describe how DLDD affects the indicator.

No answer required.

Does the extent of affected areas increase or decrease?

No answer required.

Please explain the pattern emerging from the data.

No answer required.

Please upload any graphs showing the temporal pattern/trend in the indicator over time, covering all years for which data is available.

The graph should be provided as jpg or pdf with a maximum file size of 2MB. To facilitate understanding please explain clearly what can be seen in the diagrams (keys, classes, resolutions etc.)

No answer required.

Please state the actions and policies that you currently have in place or any that will be implemented in the future to address the implications of the indicator trend or lack thereof for addressing DLDD in your country.

According to Forest strategy, 70% of total areas will be covered by forest in 2020.

Land use planning at district level should be completed in 2013|

Feedback

Report on specific COP requests – iterative process on indicators

Decision 13/COP.9 (paragraphs 2, 3 and 4) and decision 17/COP.9 envisage an iterative process to refine the set of performance and impact indicators. As a tool to implement this iterative process, affected country Parties can provide here their suggestions and recommendations for improvement. Using a scale from 0 to 5, where 0 = (no, not at all) and 5 = (yes, very much), please rate the indicator. Please write any comments related to your assessment under the column “remarks”.

Assessment Criteria (e-SMART)	Score	Remarks
Relevant – Does the indicator provide information about changes in primary processes unambiguously related to DLDD and UNCCD implementation?	3	No answer
Relevant – Is the indicator relevant for DLDD national planning purposes, including monitoring of the National Action Programme (NAP)?	3	No answer
Relevant – Can policymakers easily understand the indicator?	5	No answer
Specific – Is the indicator based on well-understood and generally accepted conceptual models of the system to which it is applied so that changes in its value will have clear meaning regarding the process of concern?	5	No answer
Specific – Is the requested spatial scale (national vs. affected areas) of the indicator appropriate for its monitoring purposes?	4	No answer
Measurable – Are the definitions of the indicator and its constitutive elements clear and not ambiguous?	5	No answer

Assessment Criteria (e-SMART)	Score	Remarks
Measurable – Are the proposed methodologies for the measurement of this indicator sufficiently clear to ensure reliable data?	4	No answer
Time-bound – Is the indicator sensitive enough to detect important changes but not so sensitive that signals are masked by natural variability?	4	No answer
Time-bound – Can the indicator detect changes at the required temporal and spatial scales and are the up-scaling / cross-scaling rules clear?	3	No answer
Achievable – Are reliable data and monitoring systems available to assess trends and is data collection a relatively straightforward process?	5	No answer
Achievable – Is the frequency of data collection in line with the monitoring and reporting requirements of the UNCCD?	3	No answer
Economic – Is the indicator cost-effective? Is the cost of data collection affordable and worthwhile? (consider any required cost for personnel, capital but also, recurring costs)	4	No answer

Reporting on land productivity

Do not reply to this section if you provided no data on land cover.

Reporting on the indicator

Do not reply to this section if you provided no data on land cover.

Please, state the methods used to estimate land productivity in your country.

No answer

Please state the net primary productivity (NPP) (in kgC ha⁻¹ year⁻¹) for each land cover type described in section “Land Cover Status” / sub-section “Methodology and data availability”:

Year (2000-2011)	Land cover type	NPP (kgC ha ⁻¹ year ⁻¹)
No answer	No answer	No answer

For the land cover types described in section “Land Cover Status” / sub-section “Methodology and data availability”, please state whether you have data on NDVI, FAPAR, EVI or others and also state the respective value.

Year (2000-2011)	Land cover type	Value	Data type
No answer	No answer	No answer	---

If Others, please specify:

No answer required.

Please specify the sources used to extract the information provided above.

Author	Year	Publication title	Publisher	Website address
No answer	---	---	---	---

Please provide the geographic datasets which underpin the land productivity information provided.

Ideally, the data should be provided as a shapefile or raster (Geotiff) format with geographic coordinates on the WGS84

datum. If the raw data are not available please provide a map showing the extent of each land cover type listed. Ideally, the map should have a scale of less than 1:250,000 and be provided in a Tiff format.

Attachments:

None.

To facilitate understanding of the map provided, please explain clearly what can be seen in the map (resolution of map, year of the map, land cover classes and corresponding colours, borders, etc).

No answer

Interpretation of the indicator

Did you provide data for more than one year?

No

If no, do you see a pattern in the data related to affected areas?

No

Please explain the pattern emerging from the data and how it relates to DLDD.

No answer required.

Does the indicator change over time?

No answer required.

If no, please explain possible reasons why the indicator does not change over time

No answer required.

If yes, is there a functional relationship between the indicator and DLDD?

No answer required.

If DLDD does not affect the indicator, please describe the other factor(s) responsible for changes in the indicator value over time.

No answer required.

Please describe how DLDD affects the indicator.

No answer required.

Does the extent of affected areas increase or decrease?

No answer required.

Please explain the pattern emerging from the data.

No answer required.

Please upload any graphs showing the temporal pattern/trend in the indicator over time, covering all years for which data is available.

The graph should be provided as jpg or pdf with a maximum file size of 2MB. To facilitate understanding please explain clearly what can be seen in the diagrams (keys, classes, resolutions etc.)

No answer required.

Please state the actions and policies that you currently have in place or any that will be implemented in the future to address the implications of the indicator trend or lack thereof for addressing DLDD in your country.

No answer

Feedback

Report on specific COP requests – iterative process on indicators

Decision 13/COP.9 (paragraphs 2, 3 and 4) and decision 17/COP.9 envisage an iterative process to refine the set of performance and impact indicators. As a tool to implement this iterative process, affected country Parties can provide here their suggestions and recommendations for improvement. Using a scale from 0 to 5, where 0 = (no, not at all) and 5 = (yes, very much), please rate the indicator. Please write any comments related to your assessment under the column “remarks”.

Assessment Criteria (e-SMART)	Score	Remarks
Relevant – Does the indicator provide information about changes in primary processes unambiguously related to DLDD and UNCCD implementation?	3	No answer
Relevant – Is the indicator relevant for DLDD national planning purposes, including monitoring of the National Action Programme (NAP)?	2	No answer
Relevant – Can policymakers easily understand the indicator?	5	No answer
Specific – Is the indicator based on well-understood and generally accepted conceptual models of the system to which it is applied so that changes in its value will have clear meaning regarding the process of concern?	5	No answer
Specific – Is the requested spatial scale (national vs. affected areas) of the indicator appropriate for its monitoring purposes?	3	No answer
Measurable – Are the definitions of the indicator and its constitutive elements clear and not ambiguous?	4	No answer
Measurable – Are the proposed methodologies for the measurement of this indicator sufficiently clear to ensure reliable data?	4	No answer
Time-bound – Is the indicator sensitive enough to detect important changes but not so sensitive that signals are masked by natural variability?	4	No answer
Time-bound – Can the indicator detect changes at the required temporal and spatial scales and are the up-scaling / cross-scaling rules clear?	4	No answer
Achievable – Are reliable data and monitoring systems available to assess trends and is data collection a relatively straightforward process?	4	No answer
Achievable – Is the frequency of data collection in line with the monitoring and reporting requirements of the UNCCD?	2	No answer
Economic – Is the indicator cost-effective? Is the cost of data collection affordable and worthwhile? (consider any required cost for personnel, capital but also, recurring costs)	2	No answer

Additional indicators on strategic objectives 1, 2 and 3

This reporting template can be used to report on the nine impact indicators provisionally accepted by the COP (see decision 17/COP.9) but considered optional for inclusion in reports by affected country Parties. Detailed reporting guidelines have not been developed for these nine optional impact indicators, but a description of the indicators and associated metrics can be found in Orr, B.J. 2011. “Scientific review of the UNCCD provisionally accepted set of impact indicators to measure the implementation of strategic objectives 1, 2 and 3.” White Paper Version 1. Available from <http://www.unccd.int/en/programmes/Science/Monitoring-Assessment/Documents>

[/White%20paper_Scientific%20review%20set%20of%20indicators_Ver1.pdf](#)

Alternative indicators considered more suitable than the provisionally accepted indicators may also be reported on using this template. The condition for reporting on alternative indicators is that these fit into the underlying logic of measuring progress against strategic objectives 1, 2 and 3 of the Strategy.

Purpose of the indicators

Water availability per capita	“To measure and monitor changes in access to water sources for the population. This can be used to assess the impacts of DLDD, and mitigation efforts, on water resources”
Change in land use	“To measure and monitor changes in the productive or protective uses of the land resource. This can be used to assess sustainability of land use.”
Food consumption per capita	“To measure and monitor changes in nutritional status. This can act as an indicator of both well-being and the availability of ecosystem services.”
Capacity of soils to sustain agro-pastoral use	“To measure and monitor changes in the status of soil health. This can be used to assess the impacts of DLDD, and mitigation efforts, on soil health.”
Degree of land degradation	“To measure and monitor changes in the extent and severity of land degradation. This can be used to assess the impact of agreements and programs to address land degradation and reclaim degraded lands.”
Plant and animal biodiversity	“To measure and monitor changes in the status of biodiversity relative to a ‘pristine’ baseline. This can be used as an indicator for overall environmental sustainability and used to assess the impacts of DLDD, and interventions, on enhancing biodiversity.”
Drought index	“Acts as an indicator for characterising sensitive and desertification-affected areas. This can be used to monitor the climatic conditions affecting water availability as a driving force of DLDD, provide early warnings of drought and assess severity and actions.”
Carbon stocks above and below ground	“To measure and monitor changes in above and below ground stocks as a global benefit. This can be used to assess the impacts of DLDD, and mitigation efforts on carbon stocks.”
Land under Sustainable Land Management (SLM)	“To act as a surrogate for measuring and monitoring a number of global benefits: (a) Climate regulation and carbon sequestration; (b) Vegetation cover and composition; and (c) Water retention and the regional hydrologic balance.”

None delivered.

Strategic Objective 4

Indicator SO-4-3

Strategic Objective 4

To mobilize resources to support implementation of the Convention through building effective partnerships between national and international actors

Impact indicator SO-4-3 for expected impact 4.1 (Increased financial, technical and technological resources are made available to affected developing country Parties, and where appropriate Central and Eastern European countries, to implement the Convention)

Percentage change in the domestic financial commitment to the implementation of the Convention

Understanding of the indicator

It provides an indication of the trend in the supply of public finance for DLDD-related investments and other Convention-related activities by affected developing country Parties.

Data needed

- DLDD-related programmes and projects (co-)financed through domestic public budgets
- Contribution by domestic public sources to investments and other initiatives to advance SLM
- Convention-related financial commitments by affected developing country Parties

Data sources (indicative only)

- PRAIS (financial annexes)
- CRIC performance reviews of OO5 and analyses of financial flows
- Relevant country-level studies to inform the IFS process (to be used when data is not available in the PRAIS system, and/or for cross referencing and validity checks)
- Inventories of SLM funding opportunities and/or investments
- Relevant databases and publications of authoritative entities (to be used when data is not available in the PRAIS system, and/or for cross referencing and validity checks)

Check the glossary for

Integrated financing strategy; integrated investment framework

Nominal amount (USD) of financial commitments for Convention-related objectives made from domestic public budgets (i.e. national or sub-national)

Year	Nominal amount (USD)
2010	No answer
2011	No answer

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Planning and Investment**

Attachments:

None.

Indicator SO-4-6

Strategic Objective 4

To mobilize resources to support implementation of the Convention through building effective partnerships between national and international actors

Impact indicator SO-4-6 for expected impact 4.2 (Enabling policy environments are improved for UNCCD implementation at all levels)

Number and type of legal and regulatory frameworks, economic incentives or other mechanisms securing or facilitating the transfer of funds for the implementation of the Convention at all levels.

Understanding of the indicator

It provides a measure of the efforts made by Convention stakeholders to facilitate the implementation of the Convention.

Data needed

- Laws and regulations
- Economic and financial measures (e.g. fiscal rules, tax benefits, credit lines and borrowing rules, etc.)
- Cooperation frameworks (e.g. agreements, memoranda of understanding, contracts, etc.)
- Sectoral policies (e.g. trade, marketing, property rights, business development, etc.)
- Convention-specific mechanisms

Data sources (indicative only)

- Public records of Convention stakeholders
- Relevant databases and publications and other authoritative entities (to be used when data is not available in the PRAIS system, and/or for cross referencing and validity checks)
- PRAIS (CONS-O-6, CONS-O-14, CONS-O-18)

Check the glossary for
Incentive

Number of mechanisms in place in the country to facilitate the mobilization of resources for the implementation of the Convention, by type

Year	Laws and regulations	Economic and financial incentives	Cooperation frameworks	Sectoral policies
2010	No answer	No answer	No answer	No answer
2011	No answer	No answer	No answer	No answer

Qualitative assessment

Description of mechanisms

Mechanism	Description
A - Laws and regulations	No answer
B - Economic and financial incentives	No answer
C - Cooperation frameworks	No answer
D - Sectoral policies	No answer

Geographical level of application

	International	Regional	Subregional	National	Local
A	X				
B				X	
C					
D					

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Planning and Investment**

Attachments:

- [Land & Decree \(2003\) Eng.pdf](http://www.unccd-prais.com/Uploads/GetFile/e6af283e-7b06-49d4-8c4f-a0e600b1a66b), 186.31 kB — <http://www.unccd-prais.com/Uploads/GetFile/e6af283e-7b06-49d4-8c4f-a0e600b1a66b>

Indicator SO-4-7

Strategic Objective 4

To mobilize resources to support implementation of the Convention through building effective partnerships between national and international actors

Impact indicator SO-4-7 for expected impact 4.2 (Enabling policy environments are improved for UNCCD implementation at all levels)

Clear entrusting of institutional responsibilities for UNCCD implementation, at all levels

Understanding of the indicator

It provides an indication of the effectiveness of institutional arrangements for the implementation of the Convention with regard to the resource mobilization process

Data needed

- Evidence of institutional arrangements, instruments and mechanisms that facilitate resource mobilization, or the lack thereof
- Best practices in resource mobilization

Data sources (indicative only)

- Public records of Convention stakeholders
- Relevant databases and publications of authoritative entities
- PRAIS (Best Practices on finance and resource mobilization)

Check the glossary for

N.A.

Institutional set up, responsibilities, and arrangements to facilitate the implementation of the Convention

Year	International level	Regional level	Subregional level	National level	Local level
2010	good	good	poor	very good	fair
2011	good	good	poor	very good	fair

Qualitative assessment

Description of institutional arrangements

Level	Description
A - International	UNEP, UNDP, GEF.
B - Regional	RECOF, UNESCAP, UNEP, MRC
C - Subregional	No answer
D - National	Ministry of Agriculture and Forestry, Ministry of Natural Resources and Environment.
E - Local	Provincial Agriculture, Forestry offices, District Agriculture and Forestry office, Provincial Natural resources and Environment offices, District Natural Resources and Environmental Offices

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Agriculture and Forestry**

Attachments:

None.

Performance Indicators

Operational Objective 1: Advocacy, awareness raising and education

Performance indicator CONS-O-1 for Outcome 1.1

Number and size of information events organized on the subject of DLDD and/or DLDD synergies with climate change and biodiversity, and audience reached by media addressing DLDD and DLDD synergies.

Understanding of the indicator

At the national level, the indicator measures the performance of Convention-related communication strategies, in particular whether DLDD issues and/or DLDD synergies with climate change and biodiversity are being communicated and if so, whether the communication is considered to be effective. Effectiveness is assessed through the appraisal of the media campaigns carried out; the assumption is that the stronger the media campaigns on DLDD issues and synergies, the higher the probability of passing the messages on to the target audiences. The focus of the indicator is on information activities specifically dedicated to DLDD issues and/or DLDD synergies with climate change and biodiversity. Other reporting entities will complement the information provided by affected country Parties by reporting on Convention-related communication strategies at the subregional, regional and global levels.

Data needed

- Information on events/media specifically addressing DLDD and/or DLDD synergies with climate change and biodiversity.
- Only events organized by major national DLDD stakeholders about which NFPs have been informed should be considered.
- Only the media products from the five most important national TV/radio channels and the five most relevant national newspapers should be considered.

Data sources (indicative only)

Attendance list of events (meetings, workshops, seminars), programme/project documents, major national media (TV/radio channels, newspapers), the Internet, organizers of events.

Check the glossary for

'NFP', 'Information events', 'Media products', 'National communication strategy', 'Participant'

Check the reporting manual for

'How can the number of information events and estimated number of participants in information events be determined?', 'How can the number of media products be determined?', 'How can the proportion of the population which is informed about DLDD and/or DLDD synergies with climate change and biodiversity be estimated?'

Overall target

By 2018, 30 per cent of the global population is informed about DLDD and/or DLDD synergies with climate change and biodiversity.

Number of information events

Year	Number of information events	Estimated number of participants in the information events
2010	14	430
2011	17	9540

Estimated number of persons reached by media products and by key stakeholders

Number of media products made public

Year	Newspapers	Radio and TV
------	------------	--------------

Year	Newspapers	Radio and TV
2010	17	13
2011	12	20

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Agriculture and Forestry**

Attachments:

None.

National contribution to the target

On the basis of your best knowledge, estimate the proportion (%) of the population in your country which is informed about DLDD and/or DLDD synergies with climate change and biodiversity at the time of reporting?

Estimated share of total country population

10 %

Qualitative assessment

Is there a national communication strategy addressing DLDD and/or DLDD synergies with climate change and biodiversity?

No

If yes, does the implementation of the national communication strategy complement the implementation of the UNCCD Comprehensive Communication Strategy?

No answer required.

If no, is your country implementing the UNCCD Comprehensive Communication Strategy?

No

Is your country implementing activities relating to the United Nations Decade for Deserts and the Fight Against Desertification (UNDDD)?

No

Performance indicator CONS-O-3 for Outcome 1.3

Number of civil society organizations (CSOs) and science and technology institutions (STIs) participating in the Convention processes.

Understanding of the indicator

At the national level, the indicator measures the level of participation of CSOs and STIs in DLDD-related programmes and projects. The indicator will outline whether the active involvement of these stakeholders in country-based initiatives increases over time and whether programmes/projects are valid tools for the engagement of, and receiving contributions from, CSOs and STIs at the field level. Other reporting entities will complement the information provided by affected country Parties by reporting on the involvement of CSOs and STIs at the subregional, regional and global levels; additionally, the secretariat and the GM will report on the involvement of CSOs and STIs at the institutional level.

Data needed

A list of the organizations involved in the programmes/projects in the reporting country as reported in the PPSs.

Data sources (indicative only)
PPSs submitted to the UNCCD as part of the reporting exercise.

Check the glossary for
'STIs', 'CSOs', 'PPS', 'Convention processes'

Check the reporting manual for
'Which CSOs involved in DLDD-related programmes/projects should be counted?'

Overall target
A steady growth in the participation of CSOs and STIs in the Convention processes is recorded along the implementation period of The Strategy.

Number of CSOs/STIs involved in each programme/project in the country

In the PPSs you have specified the number of CSOs and the number of STIs involved in each programme/project in your country. Add these numbers and give the totals by year in the table below.

Year	Number of CSOs involved in DLDD-related programmes/projects	Number of STIs involved in DLDD-related programmes/projects
2010	No answer	6
2011	No answer	8

Provide the names of these organizations.

Name
National Agriculture and Forestry Research Institute (NAFRI)
Department of Forestry (DoF)
Department of Land Management and Development
Department of Forestry Resources
Department of Meteorology and Hydrology
National University of Lao
Provincial Agriculture and Forestry Offices
District Agriculture and Forestry offices

National contribution to the target

At the time of reporting, is your government undertaking concrete initiatives to increase the participation of CSOs and STIs in DLDD-related programmes and projects?

Yes

If yes, provide a short description of actions taken at the national level to promote participation by CSOs and STIs in the Convention processes

Technical working group meeting organized

Qualitative assessment

Specify the reasons for the increasing and/or decreasing trend of the participation of CSOs and STIs to DLDD-related

programmes/projects.

Reasons for increasing

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Increased networking and collaboration opportunities	4
Increased access to information and to national and/or international financing opportunities	5
Increased willingness of the government in working with CSOs	4
Increased interest of donors in working with CSOs	4
Strengthened organizational, project management and fund-raising capacity of CSOs	4
Increased funding opportunities requiring partnership with the STIs	4
Strengthened organizational, project management and fund-raising capacity of the STIs	5
Other	---

Other (specify)

No answer

Reasons for decreasing for CSOs

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Costly participatory processes	5
Low organizational, fund-raising and project management capacity of CSOs	5
Government policies and/or the legal environment do not foster the engagement of CSOs	1
Diminishing funding	---
Other	---

Other (specify)

No answer

Reasons for decreasing for STIs

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
DLDD topics are not prioritized by national STIs	1
Low organizational, fund-raising and project management capacity of STIs	4
Decreased networking opportunities at national and international level	3
Diminishing funding	5
Other	---

Other (specify)

No answer

Performance indicator CONS-O-4 for Outcome 1.3

Number and type of DLDD-related initiatives of civil society organizations (CSOs) and science and technology institutions (STIs) in the field of education.

Understanding of the indicator

At the national level, the indicator measures the number of DLDD-related initiatives undertaken by CSOs and STIs in the education sector. The assumption is that the higher the number of DLDD-related education initiatives undertaken by these stakeholders, the stronger their interest in addressing DLDD problems. This indicator focuses on “education” because “awareness” and “advocacy” are already measured through indicators CONS-O-1 and CONS-O-2, respectively. Other reporting entities will complement the information provided by affected country Parties by reporting on the involvement of CSOs and STIs at the subregional, regional and global levels.

Data needed

- Information on initiatives undertaken in the field of education that may be found in: written communications by CSOs and STIs to the NFP; contractual and/or programme/project-related documents; records of academic bodies and their curricula; and Internet resources made available by CSOs and STIs.
- Only initiatives in the field of education taken in the country and directly relating to DLDD issues are to be considered.

Data sources (indicative only)

CSOs and STIs operating in the country.

Check the glossary for

‘CSOs’, ‘STIs’, ‘NFP’, Education initiatives’

Check the reporting manual for

‘Which CSOs involved in DLDD-related education initiatives should be counted?’

Overall target

A steady growth in the number of DLDD-related education initiatives undertaken by CSOs and science and technology institutions is recorded along the implementation period of The Strategy.

Number of DLDD-related initiatives undertaken by CSOs/STIs

Year	Number of DLDD-related initiatives undertaken by CSOs	Number of DLDD-related initiatives undertaken by STIs
2010	No answer	3
2011	No answer	4

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- Ministry of Agriculture and Forestry, Ministry of Natural resources and Environment

Attachments:

None.

National contribution to the target

At the time of reporting, is your government undertaking concrete initiatives to increase the delivery of DLDD-related initiatives in the education sector by CSOs and STIs?

Yes

If yes, provide a short description of actions taken at the national level to increase the number of DLDD-related initiatives of CSOs and STIs in the field of education

Land degradation and Drought impacts

Qualitative assessment

Specify the reasons for the increasing and/or decreasing trend of DLDD-related education initiatives undertaken by CSOs and STIs.

Reasons for increasing

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Increased access to funding	5
Increased awareness of DLDD-related problems and of the need for action	5
Increased knowledge of DLDD-related topics and enhanced skills of trainers/teachers	5
Government policies are more supportive of education initiatives	5
International donors are more supportive of education-focussed initiatives.	---
Other	---

Other (specify)

No answer

Reasons for decreasing for CSOs

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Lack of financial resources	5
Insufficient awareness and knowledge by national CSOs of DLDD-related issues	2
Limited capillary presence of national CSOs at the grass-root level	5
Other	---

Other (specify)

No answer

Reasons for decreasing for STIs

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Lack of financial resources	5
National STIs are more focussed on research activities than on education and training	4
Other	5

Other (specify)

No answer

Operational Objective 2: Policy framework

Performance indicator CONS-O-5 for Outcomes 2.1, 2.2 and 2.3

Number of affected country Parties, subregional and regional entities to have finalized the formulation/revision of NAPs/SRAPs/RAPs aligned to The Strategy, taking into account biophysical and socio-economic information, national planning and policies, and integration into investment frameworks.

Understanding of the indicator

At the national level, the indicator measures the performance of affected country Parties in formulating or revising their NAPs in alignment with The Strategy. While providing information on this process, the indicator also outlines whether: (a) the analysis of DLDD drivers, barriers to possible solutions, and measures that may eventually overcome these barriers, has been carried out; (b) the alignment process has been supported by biophysical and socio-economic baseline information; (c) the action programmes have been included in integrated investment frameworks; and (d) the action programmes have been integrated with other existing national plans and policies. The indicator will inform on the extent to which Parties have responded to decision 3/COP.8, paragraph 45, and on the feasibility of assessing the progress of The Strategy over its implementation period (2008–2018). Subregional and regional reporting entities will complement the information provided by affected country Parties by reporting on formulation or revision of SRAPs and RAPs in alignment with The Strategy.

Data needed

- UNCCD NAP. Only a NAP formally approved by the relevant governmental authorities is to be considered as 'finalized'
- Other relevant planning documents

Data sources (indicative only)

UNCCD NFP.

Check the glossary for

'Finalized', 'NAP', 'NFP', 'driver', 'integrated investment framework', 'baseline', 'NAP formulation', 'NAP adoption', 'NAP alignment', 'Formulation of an aligned NAP'

Overall target

By 2014, at least 80 per cent of affected country Parties, subregional and regional entities have formulated/ revised a NAP/SRAP/RAP aligned to The Strategy.

NAP Adoption and Revision

Had your country already adopted a NAP prior to The Strategy, i.e. before 31.12.2007?

Yes

If your country had adopted a NAP prior to The Strategy, i.e. before 31.12.2007, specify the date of its approval.

No answer

If your country had adopted a NAP prior to The Strategy, has it revised the NAP in alignment with The Strategy, i.e. after 1.1.2008?

No

If your country has revised the NAP in alignment with The Strategy, i.e. after 1.1.2008, specify the date of its approval.

No answer required.

If your country has not revised the NAP in alignment with The Strategy, specify why the process was not initiated.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Not a priority for the government	2
Lack of capacities	4
Lack of financial resources	5
Understaffing	4
Lack of time	1
Poor internal coordination among relevant ministries	2
Other	---

Other (specify)

No answer

If your country had no NAP prior to The Strategy, has it formulated an aligned NAP after The Strategy's adoption, i.e. after 1.1 2008?

No answer required.

If yes, specify the date of its approval.

No answer required.

If your country has some specific issues with regard to the characteristics of the NAP and/or the status of its implementation, particularly in how they relate to its alignment with The Strategy, describe them briefly.

No answer

If your country did not have a NAP by the end of the reporting period, specify why the process was not initiated.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

No answer required.

Other (specify)

No answer required.

For countries having a NAP aligned to The Strategy

Is your country's NAP supported by biophysical and socio-economic baseline information?

No

Does your country's NAP assess DLDD drivers?

No

Does your country's NAP assess the barriers to sustainable land management?

No

If yes, does it include recommendations to remove these barriers?

No answer required.

Has your country's NAP been included in an integrated investment framework?

No

Has your country's NAP been integrated into national development planning and relevant sectoral and investment plans and policies?

No

If yes, has the NAP been integrated into your country's Poverty Reduction Strategy Paper?

No answer required.

Did your country refer to the guidelines on the alignment of action programmes with The Strategy as proposed in ICCD/COP(9)/2/Add.1 while revising the NAP to be in alignment with The Strategy or while formulating an aligned NAP?

Yes

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- National Focal Point

Attachments:

None.

National contribution to the target

If your country did not have a NAP aligned to The Strategy by the end of the reporting period , when do you plan to have it completed?

2014–2015

Qualitative assessment

Has the revision of the NAP to be in alignment with The Strategy or the formulation of an aligned NAP been supported by external assistance?

Yes

If yes, did you receive assistance from one or more of the following institutions?

- GEF
- Bilateral

If yes, which type of assistance did you receive?

- Technical Support
- Financial Support

Identify the major difficulties experienced in the process of revising the NAP to be in alignment with The Strategy or in formulating an aligned NAP.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Not a priority for the government	2
Poor availability of biophysical and socio-economic baseline information	5
Existing investment frameworks are not fully compatible with the NAP	4

Reason	Level of importance
Streamlining the NAP into existing plans and policies is too time-consuming	5
Other	---

Other (specify)

No answer

Performance indicator CONS-O-7 for Outcome 2.5

Number of initiatives for synergistic planning/programming of the three Rio Conventions or mechanisms for joint implementation, at all levels.

Understanding of the indicator

At the national level, the indicator measures the existence of synergistic processes through the number of instruments (i.e. joint planning/programming and/or operational mechanisms) in place which foster the introduction of, or strengthen the mutually reinforcing measures among, the three Rio Conventions. The assumption is that the higher the number of enabling instruments in place, the higher the possibility of achieving synergies in implementation. This information will be complemented by the reporting of other reporting entities on synergistic processes at the subregional, regional and global levels.

Data needed

- Planning/programming documents and legislative/regulatory documents.
- Information on operational mechanisms explicitly aimed at achieving joint implementation, synergies and convergence, as well as at introducing or strengthening reinforcing measures among the Rio Conventions.

Data sources (indicative only)

Relevant national ministries.

Check the glossary for

'Joint planning/programming initiatives', 'Operational mechanisms for joint implementation or mutual reinforcement'

Check the reporting manual for

'Which synergistic instruments should be included?', 'Indicative list of activities by Parties to promote synergies among the Rio Conventions'

Overall target

By 2014, each affected country Party has either one joint national plan in place or functional mechanism(s) to ensure synergies among the three Rio Conventions.

Was your country implementing joint planning/programming initiatives for the three Rio Conventions in the reporting period?

No

If yes, specify the type of joint initiative(s)

No answer required.

Other (specify)

No answer required.

Did operational mechanisms for joint implementation or mutual reinforcement exist in your country during the reporting period?

No

If yes, specify the type of mechanism(s)*No answer required.***Other (specify)***No answer required.***Sources of information**

List the synergistic instruments referred to above.

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Agriculture and Forestry**

Attachments:*None.***National contribution to the target*****If your country was not implementing joint planning/programming or did not have operational mechanisms in place by the end of the last reporting period, when do you plan to have synergetic instruments in place?*****2016–2017****Qualitative assessment*****Has the establishment of synergistic processes for joint implementation of the Rio Conventions at national level been supported by the institutions of the Rio Conventions?*****Yes*****If yes, by the institutions of which Convention?***

- UNCCD
- CBD
- UNFCCC

Identify the major difficulties experienced in establishing synergistic planning/programming or mechanisms for joint implementation.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Not a priority for the government	2
Lack of capacities	4
Lack of financial resources	5
Understaffing	4
Lack of time	---
Poor internal coordination among relevant ministries	4
Other	---

Other (specify)

No answer

Operational Objective 3: Science, technology and knowledge

Performance indicator CONS-O-8 for Outcomes 3.1 and 3.2

Number of affected country Parties, subregional and regional entities to have established and supported a national/subregional/regional monitoring system for DLDD

Understanding of the indicator

At the national level, the indicator measures the monitoring potential of the country by quantifying the number of monitoring systems established and supported. These monitoring systems may be specifically dedicated to DLDD or may partially cover it. The indicator will inform on the extent to which it is realistic to expect more regular and coherent reporting by affected country Parties during the implementation of The Strategy and beyond. This information will be complemented by the reporting of other reporting entities on UNCCD-relevant monitoring systems established and supported at the subregional, regional and global levels.

Data needed

- Information on monitoring systems established within the national ministries or other bodies/institutions
- Programme/project documents and interim or final reports

Data sources (indicative only)

Relevant national ministries, programme/project management units, other non-governmental sources.

Check the glossary for

'monitoring system', 'monitoring system specifically dedicated to DLDD', 'monitoring system partially covering DLDD'

Check the reporting manual for

'Can a monitoring system that is not an environmental monitoring system, but which accounts for the socio-economic aspects of DLDD, be considered a DLDD monitoring system?', 'Can a meteorological monitoring system be considered a DLDD monitoring system?'

Overall target

By 2018, at least 60 per cent of affected country Parties, subregional and regional reporting entities have established and supported national monitoring systems for DLDD.

Is a monitoring system specifically dedicated to DLDD established at the national level?

No

If yes, specify whether this system is functional

No answer required.

If yes, specify whether this system is regularly updated

No answer required.

If no DLDD-specific monitoring system is in place, is a monitoring system partially covering DLDD established at the national level?

Yes

List the main features of the monitoring system available at the national level, in particular those that can contribute to UNCCD reporting.

- Land use and forest cover, drought and flood monitoring
- Drought and flood monitoring

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- Department of Forestry
- Department of Meteorology and Hydrology

Attachments:

None.

National contribution to the target

If your country did not have a national monitoring system specifically dedicated to DLDD or partially covering DLDD in place by the end of the reporting period, do you plan to initiate one?

Yes

If yes, when?

2016–2017

Qualitative assessment

For those countries not having a national monitoring system specifically dedicated to DLDD or partially covering DLDD, identify the major difficulties experienced in the establishment process.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Financial constraints	5
Lack of capacities	5
Human resources constraints	4
Lack of coordination among relevant ministries and unclear attribution of responsibilities	4
Lack of coordination among donor-led programme/project interventions	4
Existing initiatives are too fragmented; cannot be realistically coordinated under one umbrella	5
Existing national and/or sub-national monitoring systems use different methodologies and cannot be realistically harmonized	4
Other	---

Other (specify)

No answer

For those countries having a national monitoring system specifically dedicated to DLDD or partially covering DLDD, how is the system maintained?

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
By means of national resources	5

Reason	Level of importance
By means of external support	5
No maintenance is possible due to limited professional capacities	4
No maintenance is possible due to limited financial resources	4
Other	---

Other (specify)

No answer

Performance indicator CONS-O-9 for Outcome 3.1 and 3.2

Number of affected country Parties, subregional and regional entities reporting to the Convention along revised reporting guidelines on the basis of agreed indicators

Understanding of the indicator

At the national level, the indicator measures the use of biophysical and socio-economic information in defining a commonly agreed core set of impact indicators for the UNCCD and in monitoring progress against these indicators using harmonized methodologies. The indicator will inform to what extent it is possible to compile a comparable and global assessment of UNCCD impact. Subregional and regional reporting entities will complement the information provided by affected country Parties by reporting on the use of impact indicators at the subregional and regional levels, if and when impact indicators for these levels will be commonly agreed upon by the Conference of the Parties.

Data needed

- Reports to the UNCCD by affected country Parties in 2012 and 2016.
- The information to report on this indicator will be compiled by affected country Parties every four years when reporting on the strategic objectives that require biophysical and socio-economic information (i.e. SO1, SO2 and SO3).

Reporting on this indicator is due in 2012 and in 2016 only.

Data sources (indicative only)

UNCCD NFP

Check the glossary for

'NFP'

Overall target

By 2018, at least 90 per cent of affected country Parties, subregional and regional reporting entities report to the Convention in compliance with the new reporting guidelines.

Has your country reported on the two impact indicators considered by decision 13/COP.9 to be the minimum reporting requirement?

Yes

Number of impact indicators for strategic objectives 1, 2 and 3 your country has reported on in 2012 and 2016

2012

No answer

While reporting on impact indicators, did you refer to the reporting guidelines, i.e. using the common baselines and methodologies defined by the CST?

Yes

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- National Focal Point

Attachments:

None.

National contribution to the target

If in 2012 your country has not reported on some or all of the impact indicators for the UNCCD, do you plan to do so in 2016?

Yes

If in 2012 your country has not complied with the reporting guidelines, i.e. using the common baselines and methodologies defined by the CST, do you plan to do so in 2016?

Yes

Performance indicator CONS-O-10 for Outcome 3.3 and 3.4

Number of revised NAPs/SRAPs/RAPs reflecting knowledge of DLDD drivers and their interactions, and of the interaction of DLDD with climate change and biodiversity

Understanding of the indicator

The indicator measures knowledge-transfer processes from the theoretical to the operational level. This is done through an assessment carried out by affected country Parties (self-assessment) of the levels of traditional and scientific knowledge reflected in their NAPs. The assumption is that NAPs based on sound scientific and traditional knowledge will propose more significant and effective strategies and activities for implementation at the national level, and will, ultimately, perform better than those NAPs that do not take into account available knowledge on DLDD and DLDD synergies with climate change and biodiversity. The indicator will inform to what extent UNCCD implementation is likely to achieve meaningful results. Subregional and regional reporting entities will complement the information provided by affected country Parties by reporting on the assessment of their SRAPs and RAPs.

Data needed

- NAP aligned to The Strategy
- Scientific literature consulted for the formulation/revision of the NAP

Data sources (indicative only)

UNCCD NFP

Check the glossary for

'NAP', 'NAP adoption', 'NAP alignment', 'NAP formulation', 'formulation of an aligned NAP', 'NFP', 'driver', 'drought', 'drought preparedness, including mitigation'

*As this indicator is meant to contribute to the country's self-assessment of its aligned NAP, **countries not having a NAP or not having revised their NAP in alignment with The Strategy do NOT report on this indicator.***

Overall target

By 2018, at least 70 per cent of revised NAPs/SRAPs/RAPs have successfully gone through a quality self-assessment.

Sources of information

UNCCD NAP formulated taking account of, or revised in alignment with, The Strategy.

Assessment of the aligned NAP

In your NAP, is the identification of biophysical and socio-economic drivers, and of their interaction, knowledge-based?

No

If yes, specify upon which type of knowledge it is based

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

No answer required.

If based on scientific literature, list the main reference literature consulted (add as many rows as needed). If reporting online, you may also upload relevant documents.

No answer required.

In your NAP, is the analysis of the interaction between DLDD and climate change or biodiversity knowledge-based?

No

If yes, specify upon which type of knowledge it is based.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

No answer required.

If based on scientific literature, list the main reference literature consulted (add as many rows as needed). If reporting online, you may also upload relevant documents.

No answer required.

Is drought policy and drought preparedness, including mitigation, analyzed and/or reflected in some of the actions outlined in the NAP?

No

If drought policy and drought preparedness, including mitigation, are not analyzed and/or reflected in some of the actions outlined in the NAP, when do you plan to do so?

2016–2017

National contribution to the target

If in your NAP, DLDD drivers, their interactions, and the interaction of DLDD with climate change and biodiversity are not analyzed on the basis of relevant scientific, expert and/or traditional knowledge, when do you plan to do so?

2014–2015

Qualitative assessment

If your NAP has not been developed taking into account relevant scientific and/or traditional knowledge, identify the reasons.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Relevant scientific literature is not available	5
Relevant traditional or expert knowledge is not available	4

Reason	Level of importance
Lack of financial resources to mobilise the necessary knowledge	5
Poor coordination among the relevant ministries prevented an internal pooling of knowledge/expertise	3
Relevant ministries could not contribute due to lack of time	1
Relevant ministries could not contribute due to lack of staff	5
Other	---

Other (specify)

No answer

Performance indicator CONS-O-11 for Outcome 3.5

Type, number and users of DLDD-relevant knowledge-sharing systems at the global, regional, subregional and national levels described on the Convention website

Understanding of the indicator

At the national level, the indicator measures the presence of DLDD-related knowledge-sharing processes, through the quantification of the type and number of existing knowledge-sharing systems. Effectiveness of these systems is measured through quantification of their user-base. The indicator will inform to what extent scientific and traditional knowledge, including best practices, are available to and sufficiently shared with end-users. This information will be complemented by the reporting of other reporting entities on existing UNCCD-relevant knowledge-sharing systems at the subregional, regional and global levels.

Data needed

- Information from websites.
- Only DLDD-relevant knowledge-sharing systems and networks shall be considered.

Data sources (indicative only)

Relevant organizations and ministries hosting knowledge-sharing systems and networks within their website

Check the glossary for

'knowledge-sharing system', 'PRAIS'

Check the reporting manual for

'How can you provide the number of users in a knowledge-sharing system?'

Overall target

By 2010 the Convention website has been restructured and includes a thematic database on knowledge-sharing systems as part of the PRAIS.

Knowledge-sharing systems

List any DLDD-relevant 'knowledge-sharing system' in your country you are aware of, providing an Internet link and estimated number of users per year.

Item 1

Name of the system

National Agriculture and Forestry Institute

Internet link

nafri.org.la

Estimated number of users per year

No answer

Operational Objective 4: Capacity building**Performance indicator CONS-O-13 for Outcomes 4.1 and 4.2**

Number of countries, subregional and regional reporting entities engaged in building capacity to combat DLDD on the basis of NCSA or other methodologies and instruments

Understanding of the indicator

At the national level, the indicator measures the presence of capacity-building processes through the quantification of existing DLDD-related capacity-building initiatives. The indicator will inform to what extent affected country Parties may be expected to meet their obligations foreseen by the Convention, including forthcoming ones (i.e. new reporting requirements, establishment of monitoring systems, accessing new financing mechanisms). This information will be complemented by the reporting of other reporting entities on capacity-building initiatives at the subregional, regional and global levels.

Data needed

- Information on DLDD-related capacity-building initiatives; only programmes/projects mentioned in the PPSs that have DLDD-related capacity-building as a major objective are to be considered.

Data sources (indicative only)

- PPSs submitted to UNCCD as part of the reporting exercise
- Programme/project documents and interim or final reports of those programmes and projects identified through the PPSs as having DLDD-related capacity-building as a major objective

Check the glossary for

'capacity-building', 'capacity development', 'capacity-building initiative', 'NCSA', 'PPS'

Check the reporting manual for

'What can be considered as a programme or project that has DLDD-related capacity-building as a major objective?'

Overall target

By 2014, at least 90 per cent of affected country Parties, subregional and regional reporting entities implement DLDD-specific capacity-building plans or programmes/projects.

Number of DLDD-related capacity-building initiatives implemented

Year	NCSA-generated	Other initiatives
2010	1	No answer
2011	1	No answer

Provide relevant information on the size, scope, effectiveness and status of the initiatives reported.

STRENGTHENING CAPACITY TO IMPLEMENT NATURAL RESOURCES LEGISLATION, NCSAFU PROJECT|

Has your country assessed DLDD-related capacity-building needs at the national level?

No

If yes, within the framework of which initiative?

No answer required.

Other (specify)

No answer required.

If yes, has your country assessed the necessary resources for addressing capacity-building needs?

No answer required.

If yes, are these resource requirements included in an investment framework?

No answer required.

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **National Focal Point**

Attachments:

None.

National contribution to the target

If at the time of reporting there are no DLDD-specific capacity-building plans, programmes or projects implemented in your country, when do you plan to have something in place?

2016–2017

Qualitative assessment

Has your country received assistance from one or more of the following institutions to build capacities to combat DLDD?

- **GEF**

If yes, which type of assistance have you received?

- **Technical support**
- **Financial support**

Operational Objective 5: Financing and technology transfer**Performance indicator CONS-O-14 for Outcome 5.1**

Number of affected country Parties, subregional and regional entities whose investment frameworks, established within the IFS devised by the GM or within other IFSs, reflect leveraging national, bilateral and multilateral resources for combating desertification and land degradation

Understanding of the indicator

At the national level, the indicator measures the presence of integrated financing processes allowing the leverage of national, bilateral and multilateral resources for combating desertification and land degradation, through the quantification of investment frameworks developed by country Parties within the IFS devised by the GM or other IFSs promoted by diverse international institutions. This information will be complemented by the reporting of other reporting entities on the establishment of IIFs at national, subregional and regional levels.

Data needed

- Investment framework documents.
- Only investment frameworks prepared along the guidelines devised within IFSs shall be considered.

Data sources (indicative only)
Relevant national ministries

Check the glossary for
'IFS', 'NAP', 'leveraging', 'IIF'

Overall target

By 2014, at least 50 per cent of affected country Parties, subregional and regional entities have developed IIFs.

Had your country developed an IIF by the end of the reporting period?

No

If yes, specify when it was developed.

No answer required.

Is your country's IIF based on the NAP?

No answer required.

If based on the NAP, who assisted in its development?

No answer required.

Other (specify)

No answer required.

If assisted, which type of assistance did you receive?

No answer required.

If assisted by the GM, was it devised within the IFS?

No answer required.

If your country has an IIF based on the NAP, does this framework allow for the leveraging of national, bilateral and multilateral resources for combating DLDD?

No answer required.

Did your country receive assistance from the GM in exploring non-traditional and innovative channels of financial resources?

No answer provided.

Short overview of the progress in implementing the IIF

Provide a short overview of the progress in implementing the IIF in your country, in particular as it relates to its functionality and efficiency in leveraging the funding necessary for implementing the Convention.

No answer

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **National Focal Point**

Attachments:

None.

National contribution to the target

If your country had not developed an IIF by the end of the reporting period, do you plan to do it?

Yes

If yes, when?

2016–2017

Qualitative assessment

Identify the major difficulties experienced in developing an IIF.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Financial constraints	5
Human resources constraints	5
Lack of coordination among relevant ministries and unclear attribution of responsibilities	---
Lack of coordination among those providing support	4
National bilateral and multilateral resources are too diverse; cannot be realistically coordinated under one umbrella.	4
Other	---

Other (specify)

No answer

Performance indicator CONS-O-16 for Outcome 5.2

Degree of adequacy, timeliness and predictability of financial resources made available by developed country Parties to combat DLDD

Understanding of the indicator

This is a qualitative indicator requiring the perception-based assessment by developing affected country Parties of the adequacy, timeliness and predictability of bilateral contributions received from developed country Parties for the implementation of the Convention. “Adequate”, “timely” and “predictable” resources are frequently referred to in The Strategy as being necessary to ensure proper planning and effective implementation. Subregional and regional reporting entities will complement the information provided by affected country Parties by reporting on their perception-based assessments.

Data needed

-

Data sources (indicative only)

-

Check the glossary for

-

Only affected country Parties entitled to receive assistance under the UNCCD are requested to report on this indicator.

Refer your assessment to the following biennium only:

- In 2010, biennium 2008–2009

- In 2012, biennium 2010–2011

Overall target
No target has been set for this indicator.

Bilateral assistance received

How would you rate the bilateral assistance received within the framework of UNCCD for the implementation of The Strategy and of the Convention?

Adequacy of bilateral assistance

Not adequate

Timeliness of bilateral assistance

Not timely

Predictability of bilateral assistance

Not predictable

Provide narrative justification on your above rating

No answer

Additional information on any other impacting aspects

If relevant, provide additional information on whether there are any other aspects beyond adequacy, timeliness and predictability of financial support made available by developed country Parties to combat DLDD which impact proper planning and effective implementation of the Convention in your country.

No answer

Qualitative assessment

Did you receive assistance in raising resources from bilateral donors?

No

If yes, from whom?

No answer required.

Other (specify)

No answer required.

Has the level of adequacy, timeliness and predictability of bilateral assistance constrained your country's performance in planning and implementation with respect to UNCCD?

No

Performance indicator CONS-O-17 for Outcome 5.3

Number of DLDD-related project proposals successfully submitted for financing to international financial institutions, facilities and funds, including the GEF

Understanding of the indicator

At the national level, the indicator measures the capacity of fund-raising through the quantification of project proposals successfully submitted for funding to the various financing organizations. The indicator will inform to what extent affected country Parties make increasing efforts to mobilize resources. This information will be complemented by the reporting of other reporting entities on the fund-raising efforts at national, subregional and regional levels.

Data needed

Information contained in the PPSs and SFAs submitted to UNCCD.

Data sources (indicative only)

- PPSs and SFAs submitted to UNCCD as part of the reporting exercise.
- The PPS requires specification of the project 'status' thus it allows the identification of relevant projects to be considered by this indicator and the monitoring of their approval status.
- The SFA requires the specification of amounts committed to approved projects.

Check the glossary for
'PPS', 'SFA', 'project proposals', 'currency', 'successfully submitted proposals'

Overall target

A steady growth in the number of DLDD-related successfully submitted project proposals is recorded along the implementation period of The Strategy.

Sources of information

PPSs and SFAs

Number of project proposals submitted (pipeline) and ongoing, by biennium

Biennium	Submitted (pipeline)	Ongoing
2010–2011	No answer	No answer

Amount of funds raised, by biennium

You can find the amount of funds raised for the ongoing projects in the corresponding SFAs. Sum these amounts and give the total in the below table.

Biennium	Currency	Total amount
2010–2011	---	No answer

National contribution to the target

According to the information provided above, do you think that your country is mobilizing enough resources from international financial institutions, facilities and funds through successfully submitted project proposals?

No

If no, does your country plan to increase its efforts in presenting project proposals to international financial institutions, facilities and funds?

Yes

What percentage of financing used for the implementation of DLDD-related programmes and projects comes from national sources, and what percentage from international sources?

Source	%
National sources	No answer
International sources	No answer

Qualitative assessment

Identify the reasons for the increasing or decreasing trend of project proposals successfully submitted to international financial institutions, facilities and funds.

Reasons for increasing

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Easier and more transparent application procedures	5
Increased capacities of national stakeholders to prepare applications	5
Major natural hazards occurred at the national level considerably increased the level of resources made available by the international community	3
Access to funding is increasingly facilitated by third parties such as the private sector	5
Existence of a financing strategy (IFS or others)	4
Other	---

Other (specify)

No answer

Reasons for decreasing

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Financing opportunities are not publicized enough, lack of access to necessary information	---
Complicated application procedures, the level of complexity being worsened by the different requirements of the various donors	---
Limited financial resources are made available for DLDD-related programmes/projects, and lack of DLDD-specific allocations within donors' portfolio.	---
Other	---

Other (specify)

No answer

Performance indicator CONS-O-18 for Outcome 5.5

Amount of financial resources and type of incentives which have enabled access to technology by affected country Parties

Understanding of the indicator

The indicator measures whether access to technology is facilitated by means of financial resources or economic and policy incentives. At the national level, the indicator will inform to what extent an enabling environment for technology transfer has been created and whether sufficient resources are dedicated to technology transfer. Subregional and regional reporting entities will complement the information provided by affected country Parties by reporting on financial resources and type of incentives which have enabled access to technology at the subregional and regional levels.

Data needed

- Budgets of relevant programmes and projects
- Information on policy/regulatory, financial and fiscal incentives. Incentives facilitating access to technology are those established and implemented at the national level, and not necessarily only within the framework of DLDD-related cooperation.

Data sources (indicative only)

- Financial documents of programmes and projects submitted as PPSs to the UNCCD as part of the reporting exercise
- National policy, regulatory and economic/financial documents

Check the glossary for
'technology transfer', 'technical support', 'incentive', 'PPS'

Check the reporting manual for
'How to disaggregate the amounts by year?', 'How to measure the effectiveness of technology transfer initiatives?'

Overall targets

- A steady growth in the financial resources allocated to facilitate access to technology by affected country Parties is recorded along the implementation period of The Strategy.
- A steady growth in the number of economic and policy incentives reported upon is recorded along the implementation period of The Strategy.

Estimate of amounts allocated to facilitate access to material and to knowledge aid (technology transfer)

Year	Currency	Amount
2010	---	No answer
2011	---	No answer

Has your country established incentives intended to facilitate access to technology?

No

If yes, specify which types of incentives.

No answer required.

Provide a short overview of specific aspects and the nature of technology transfer in your country, in particular in relation to those aspects where there is a need to increase the level of technology transfer.

No answer

Sources of information

Specify the sources used to extract the information provided above. You may also upload relevant documents.

- **Ministry of Agriculture and Forestry, Ministry of Planning and investment**

Attachments:

None.

National contribution to the target

According to the information provided above, do you think that enough resources are allocated through DLDD-related programmes and projects to facilitate access to technology by your country?

No

If your country has no incentives in place or if existing incentives to facilitate the creation of an enabling environment for technology transfer do not prove to be effective, are you planning to enforce additional measures?

Yes

If yes, when?

2016–2017

Qualitative assessment

If existing incentives do not prove to be effective, identify possible reasons.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Policy or regulatory incentives are not enforced	1
There are not enough resources to apply financial or fiscal incentives	5
The national financial and credit systems (banks, credit agencies, etc) are not supportive	5
Other	---

Other (specify)

No answer

Identify the reasons for the increasing trend of financial resources allocated through DLDD-related programmes and projects to facilitate access to technology.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Access facilitated by the spreading of IT	0
More appropriate technologies available	1
Appropriateness of government incentives	5
Other	---

Other (specify)

No answer

Identify the reasons for decreasing trend of financial resources allocated through DLDD-related programmes and projects to facilitate access to technology.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Technology sustainability is poor; technologies do not represent viable investments	3
Lack of fixed infrastructure for accessing technologies (those created on an ad hoc basis disappear once the support ends)	5
Lack of capacities for operation and maintenance of technologies	3
Lack of enabling policy and regulatory environments	3
Other	---

Other (specify)

No answer

Standard Financial Annex

The CRIC has recommended that financial reporting be based on a standard financial reporting format to be used by affected country Parties and their development partners. It also indicated that emphasis in reports should be put on financial matters and also on an analysis of the impact of the activities undertaken (ICCD/CRIC(8)/5).

The purpose of the SFA is to consolidate information on resources mobilized by affected country Parties and their development partners under the framework of relevant strategies and action programmes. It facilitates the aggregation of data on financial commitments, financial flows and resources available by all relevant funding sources for activities related to the implementation of the Convention. It also helps minimize double counting in financial statistics (ICCD/CRIC(8)/5/Add.4).

The SFA is to be used by each country Party and other reporting entities to list all financial commitments they have made during the reporting period in support of institutions, programmes, projects, as well as other relevant initiatives undertaken at national or international level for the implementation of the Convention.

More specifically, for each relevant financial commitment or allocation made in the reporting period, the SFA requires a minimum set of data grouped as follows:

- a. Identification, i.e. data required to identify the reporting entity, the funding source and the activity financed;
- b. Basic data, i.e. data specifying the amount and type of financial commitment made, as well as the recipient country, region, and/or organization, and the funding period, if applicable;
- c. Classification, i.e. categorization of the funded activity according to the Rio Markers for desertification, and the UNCCD Relevant Activity Codes (RACs).

The compilation of the SFA is guided by means of a template, which responds to the recommendations of CRIC 7, and builds on the GM methodological guide for financial reporting presented to CRIC 6 as part of the report of the intergovernmental Ad Hoc Working Group to improve the procedures for communication of information.

Within the template, shaded areas contain information and explanatory texts, while white areas are for reporting purposes and need to be filled in by the reporting entities with relevant data or narrative information.

Decision 13/COP.9, paragraph 8, invites country Parties and other reporting entities to refer to common terminology and definitions. Therefore, these guidelines should be read in conjunction with the comprehensive glossary of performance indicators for the review of implementation of The Strategy and Best Practices, common to all reporting entities and contained in a separate document (ICCD/CRIC(9)/13).

None delivered.

Programme and Project Sheets

Programme and Project Sheets (PPS) are used to provide more detailed information on programmes or projects undertaken or completed in the reporting period. This includes programmes and projects in the pipeline, as well as final proposals submitted for funding to internal or external funding sources. All country Parties and other reporting entities involved in the financing, coordination or implementation of relevant programmes and projects are requested to prepare a PPS for each of them, and to attach them to their official report to the UNCCD.

The compilation of the PPS is guided by means of a template. These templates are intended to collect a minimum set of qualitative and quantitative data to facilitate the analysis of funding and investment flows, and the production of better financial statistics related to UNCCD implementation (ICCD/CRIC(8)/5/Add.4), with a view to enabling the CRIC to undertake an objective review of progress in the implementation of the Convention and The Strategy. The PPS also facilitate the computation of certain performance and impact indicators .

A distinctive feature of the PPS is that it allows country Parties and other reporting entities to specify which strategic and operational objectives of The Strategy are targeted by each programme or project. In addition, it allows for individual programme or project components to be categorized using the Rio Markers for desertification and Relevant Activity Codes (RACs).

Furthermore, the PPS can be used to indicate whether the objectives of other Rio Conventions (i.e. the United Nations Convention on Biological Diversity, UNCBD – and the United Nations Framework Convention on Climate Change, UNFCCC) are also addressed by the programme or project. This is done through the use of the biodiversity and climate change Rio Markers, respectively.

The PPS offers an opportunity to increase the visibility of relevant programmes and projects, thereby creating the conditions for a better sharing of experiences and lessons, as well as the transfer of knowledge in general. It also favours collaboration and networking by facilitating the identification of potential synergies.

Lastly, the PPS also allows country Parties and other reporting entities to provide a narrative description of the expected or achieved results. This information will facilitate the qualitative assessment of progress in the implementation of The Strategy, including on returns on investment. The CRIC will use the analysis of financial information originating from the PPS to assess results, performance and impacts.

To minimize the reporting burden and avoid discrepancies in the information annexed to the reports of different entities, it is recommended that project partners identify the most suitable ways to coordinate among themselves the preparation of PPS to ensure that consistent data are reported for the same projects. It would also be advisable to compile just one PPS for large “umbrella” programmes, instead of separate PPS for each small project stemming from them.

None delivered.

Additional Information

The section on additional information is meant to provide an instrument of flexibility in the reporting exercise as well as to enrich the knowledge base of the CRIC on concrete issues faced by affected country Parties and consequently to make more targeted and specific recommendations to the COP. It allows affected country Parties to comment or report upon issues that are not covered elsewhere but that are nevertheless of importance at the national level or within the framework of the implementation of The Strategy and the Convention.

The additional information section allows feedback to be received on the reporting process and on the implementation of NAPs as well as lessons learnt, problems, constraints and bottlenecks faced in terms of human and financial resources. It is also meant to accommodate ad hoc COP requests for reporting on specific topics or new reporting requirements deriving from COP deliberations that may supersede existing ones and imply changes in implementation.

The proposed template for reporting is adjusted to the mandate of affected country Parties within the framework of the Convention, as requested by decision 13/COP.9, paragraph 17.

Reporting process-related issues

Financial resources

Could your country count on sufficient financial resources to meet UNCCD reporting obligations?

No

Which options provided by the GEF Financing for Enabling Activities under the UNCCD did your country choose to apply for?

None

Amount received (USD)

No answer required.

Did your country experience difficulties in applying for and accessing the GEF funding?

Yes

If yes, describe the difficulties experienced.

No answer

Provide an estimate of the amount invested from your country's national budget into the UNCCD reporting process.

5000 US Dollar

Human resources and knowledge

How many people were involved in your country in the UNCCD reporting process?

10 people

Estimate the total number of person/day dedicated by these persons to the UNCCD reporting process:

2 person/day

Could your country count on sufficient technical and scientific knowledge to meet UNCCD reporting obligations?

No

If no, describe the main reasons and the difficulties encountered.

Existing information related to DLDD are very limited

Coordination, participation and consultation

Was coordination at the national level with the relevant line ministries satisfactory in order to comprehensively and coherently report?

Yes

Was a participatory or consultative approach applied to involve all relevant stakeholders in the reporting process?

No answer provided.

Validation meeting, subregional and regional processes

Was a validation meeting held as a part of the reporting process?

Yes

Did your country actively cooperate with the entities entrusted with preparing the subregional and regional reports (SRAP / RAP reports) ?

Yes

PRAIS portal

Did you experience difficulties with access and utilization of the PRAIS portal?

Yes

If you experienced difficulties, identify the reasons.

Rate the level of importance by using a scale from 0 to 5, where 0 is not important at all and 5 is very important.

Reason	Level of importance
Slow internet access	5
Complexity of the system	4
Difficulties in getting access credentials	2
Other	---

Other (specify)

No answer

Accommodation of specific requests within COP decisions

Report on specific COP requests – iterative process on indicators

Decision 13/COP.9, paragraphs 2, 3 and 4, envisages an iterative process to refine the set of performance and impact indicators. As a tool to implement this iterative process, affected country Parties can provide here their suggestions and recommendations for improvement.

Performance indicators

Tick the cells only if you have experienced difficulties in reporting on one, or more, performance indicator(s). Indicate against which of the e-SMART criteria the indicator(s) need(s) to be improved.

	economic	Specific	Measurable	Achievable	Relevant	Time-bound
CONS-O-1						
CONS-O-3						

CONS-O-4						
CONS-O-5						
CONS-O-7						
CONS-O-8		X	X	X		
CONS-O-9		X	X	X		
CONS-O-10		X	X	X		
CONS-O-11		X	X	X		
CONS-O-13		X	X	X		
CONS-O-14		X	X	X		
CONS-O-16		X	X	X		
CONS-O-17		X	X	X		
CONS-O-18		X	X			

Impact indicators

Tick the cells only if you have experienced difficulties in reporting on one, or more, impact indicator(s). Indicate against which of the e-SMART criteria the indicator(s) need(s) to be improved.

	economic	Specific	Measurable	Achievable	Relevant	Time-bound
SO4-3				X		
SO4-4						
SO4-6			X		X	
SO4-7		X				

Reporting on the implementation of NAP

Which is the percentage of activities included in the NAP that are currently implemented?

1-30%

If you experienced difficulties in NAP implementation (i.e. the percentage is below 30%), provide description of concrete measures being taken or suggestions for measures to be taken to foster NAP implementation:

More financial and technical support from international and National organizations

Human resources**Lessons learnt (report on the 2 most important only)**

1. More participation from CSO and local people to undertake activities related to DLDD
2. Increasing awareness and campaigns on the impact of DLDD issues

Problems, constraints and bottlenecks currently faced by your country (report on the 2 most important only)

1.
Low internet
 2.
Informations related to DLDD issues are difficult to access
-

Financial resources

Lessons learnt (report on the 2 most important only)

1.
Expertise on DLDD still low
 2.
No answer
-

Problems, constraints and bottlenecks currently faced by your country (report on the 2 most important only)

1.
Lack of skilled and Experienced staff on DLDD issues
 2.
No answer
-

Any other country-specific issues

Any other country-specific issues

Has your country any specific issue to bring to the attention of the Conference of the Parties?

Yes

If yes, please specify under which of the following broad categories it can be classified.

<p><i>Item 1</i></p> <p>Category</p> <p>Funding/resource mobilization</p> <p>Other (specify)</p> <p>No answer</p> <p>Narrative description</p> <p>No answer</p>
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Submission form

Submission form	
Name of the reporting officer *	Oloth SENGTAHEUANGHOUNG

Date of submission *	5 Nov 2012
Signature	
<hr/>	
Name of the authorizing officer	Dr. Bounthong Bouahom
Date of authorization	15 Oct 2012
Signature	



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