

# **United Nations Convention to Combat Desertification**

**Performance Review and Assessment of Implementation System**

**4th Reporting and Review Cycle - 2010**

**Report for Tonga**

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## General Information Section

Reporting country *	Tonga
Name and surname of the person submitting the report *	Viliani Va'inga Tone
Affiliation and contact details *	vainga.tone@gmail.com

# Performance Indicators

## C. Performance indicators

Performance indicators are for measuring progress against the five operational objectives of The Strategy, in line with decision 3/COP.8. The year 2008 (the first year of the Strategy) serves as the baseline year.

Affected country Parties are requested to report on the following fourteen performance indicators out of the eighteen consolidated performance indicators presented in ICCD/CRIC(8)/5/Add.1 and Add.2.

Reporting is guided by means of templates, one for each performance indicator. Within the templates, shaded areas contain information and explanatory texts and white areas are for reporting purposes and need to be filled in by affected country Parties with relevant quantitative data, selection of multiple choice boxes, or narrative information.

## Operational Objective 1: Advocacy, awareness raising and education

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### Performance indicator CONS-O-1 for Outcome 1.1

*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 and local level, the indicator measures the performance of Convention-related communication strategies, in particular, whether DLDD issues and synergies 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 audience. The focus of the indicator is on information activities specifically dedicated to DLDD 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 subregional, regional and global level.*

*Data needed*

*Information on events/media specifically addressing DLDD and/or DLDD synergies with climate change and biodiversity.*

*Attendance lists of events (meetings, workshops, seminars), programmes/projects' documents, estimate of target audience for major media events (campaigns, radio and television programmes, etc.).*

*Events organized and media produced by the UNCCD NFP or organized/produced by third parties not directly reporting to the Convention (TV channels, newspaper editors, etc.) shall be considered.*

*Data sources (indicative only)*

*International and national media (newspapers) advertising the events at national and local level, the Internet, the organizers of the events, programmes/projects' final reports.*

*Check the glossary for*

*'NFP', 'ICT', 'Information events', 'Media products', 'STIs', 'CSOs'*

*Media products have been grouped into: (a) Paper media products (articles, press releases, leaflets, flyers, brochures and comics, etc.); (b) radio and television programmes; (c) other ICT (websites, CDs, DVD, etc.).*

*Overall target*

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

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### **Number of information events**

Year	Number of information events	Estimated number of participants in the information events
2008	15	5000
2009	17	10000
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		

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

Media products have been grouped into: (a) Paper media products (articles, press releases, leaflets, flyers, brochures and comics, etc.); (b) radio and television programmes; (c) other ICT (websites, CDs, DVD, etc.).

Year	Stakeholder	Paper media products	Radio and TV	other ICT
2008	Public at Large	5000	30000	2000
	Civil society organizations	10	10	5
	Science and technology institutions	4	3	2
2009	Public at Large	10000	35000	3000
	Civil society organizations	11	11	8
	Science and technology institutions	4	4	4
2010	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2011	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2012	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2013	Public at Large			
	Civil society organizations			
	Science and technology institutions			

2014	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2015	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2016	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2017	Public at Large			
	Civil society organizations			
	Science and technology institutions			
2018	Public at Large			
	Civil society organizations			
	Science and technology institutions			

### **Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **Relevant agencies outreach programs**  
**medias**  
**reports**

### **Attachments:**

none

### **National contribution to the target**

On the basis of the information you have provided above, estimate the proportion (%) of the population in your country which is informed about DLDD and DLDD synergies with climate change and biodiversity at the time of reporting?

Estimated share of total country population =  
**65 %**

### **Qualitative assessment**

Is the information you have provided on communication processes part of a national communication strategy addressing environmental issues?

**Yes**

### **Performance indicator CONS-O-3 for Outcome 1.3**

*Operational Objective 1: Advocacy, awareness raising and education*

*Performance indicator CONS-O-3 for Outcome 1.3*

*Number of CSOs and science and technology institutions participating in the Convention processes.*

#### *Understanding of the indicator*

*At the national level, the indicator measures the level of participation of civil society organizations (CSOs) and science and technology institutions (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 subregional, regional and global level; in particular, the secretariat and the GM will report on the involvement of CSOs and STIs at the institutional level.*

#### *Data needed*

*The specification of the organizations involved in the programmes/projects 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'*

#### *Overall target*

*A steady growth in the participation of CSOs and science and technology institutions in the Convention processes is recorded along the implementation period of The Strategy.*

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

<b>Year</b>	<b>Number of CSOs involved in DLDD-related programmes/projects</b>	<b>Number of STIs involved in DLDD-related programmes/projects</b>
2008	15	5
2009	17	5
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		

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#### ***Sources of information***

Programme and project sheets (PPSs) submitted to UNCCD

*No answer required*

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#### ***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**

**Qualitative assessment**

Specify the reasons for the increasing and/or decreasing trend of the participation of CSOs and STIs to DLDD-related programmes/projects. (tick as many boxes as necessary and rate the level of importance )

	Not important	Important	Very important
X Increased networking and collaboration opportunities			X
X Increased access to information and to national and/or international financing opportunities			X
X Increased willingness of the government in working with CSOs		X	
X Increased interest of donors in working with CSOs			X
X Strengthened organizational, project management and fund-raising capacity of CSOs		X	
X Increased funding opportunities requiring partnership with the STIs			X
X Strengthened organizational, project management and fund-raising capacity of the STIs		X	
Other			

**Other (specify) (max 30 words)**

**No answer provided**

**Reasons for decreasing for CSOs**

	Not important	Important	Very important
Costly participatory processes			
Low organizational, fund-raising and project management capacity of CSOs			
Government policies and/or the legal environment do not foster the engagement of CSOs			
Diminishing funding			
Other			

**Other (specify) (max 30 words)**

**No answer provided**

**Reasons for decreasing for STIs**

	Not important	Important	Very important
DLDD topics are not prioritized by national STIs			
Low organizational, fund-raising and project management capacity of STIs			
Decreased networking opportunities at national and international level			
Diminishing funding			



**Other (specify) (max 30 words)****No answer provided****Performance indicator CONS-O-4 for Outcome 1.3***Operational Objective 1: Advocacy, awareness raising and education**Performance indicator CONS-O-4 for Outcome 1.3**Number and type of DLDD-related initiatives of CSOs and science and technology institutions in the field of education.**Understanding of the indicator*

*The indicator measures the number and type of DLDD-related initiatives undertaken by CSOs and STIs in the education sector at the national level. 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. A distinction is made between activities carried out in the formal education sector and in the non-formal education sector. 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 subregional, regional and global level.*

*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.*

*Only initiatives in the field of education (formal and non-formal) 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’, ‘Formal education’, ‘Non-formal education’.*

*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**

<b>Year</b>	<b>Number of DLDD-related initiatives undertaken by CSOs formal education</b>	<b>Number of DLDD-related initiatives undertaken by CSOs non-formal education</b>	<b>Number of DLDD-related initiatives undertaken by STIs formal education</b>	<b>Number of DLDD-related initiatives undertaken by STIs non-formal education</b>
2008	5	5	4	5
2009	5	5	4	5
2010				
2011				
2012				
2013				
2014				
2015				

2016			
2017			
2018			

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **direct interview**
- reports**
- literature review**
- web site**

**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**

**Qualitative assessment**

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

(tick as many boxes as necessary and rate the level of importance)

		<b>Not important</b>	<b>Important</b>	<b>Very important</b>
X	Increased access to funding			X
X	Increased awareness of DLDD-related problems and of the need for action		X	
X	Increased knowledge of DLDD-related topics and enhanced skills of trainers/teachers		X	
X	Government policies are more supportive of education initiatives		X	
X	International donors are more supportive of education-focussed initiatives.		X	
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

**Reasons for decreasing for CSOs**

		<b>Not important</b>	<b>Important</b>	<b>Very important</b>
X	Lack of financial resources			
X	Insufficient awareness and knowledge by national CSOs of DLDD-related issues			
	Limited capillary presence of national CSOs at the grass-root level			

Other			
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**Other (specify) (max 30 words)**

**No answer provided**

**Reasons for decreasing for STIs**

		Not important	Important	Very important
X	Lack of financial resources			X
X	National STIs are more focussed on research activities than on education and training		X	
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

## Operational Objective 2: Policy framework

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

*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', 'barrier', 'integrated investment framework', 'baseline'*

*Overall target*

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

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### **NAP Adoption and Revision**

Had your country already adopted a NAP prior to The Strategy?

**Yes**

**If yes, has your country revised the NAP in alignment with The Strategy?**

**Yes**

**If you have revised the NAP in alignment with The Strategy, specify the date of its approval.**

**No answer provided**

**If you have not revised the NAP in alignment with The Strategy, specify why the process was not initiated. (tick as many boxes as necessary and rate the level of importance)**

	Not important	Important	Very Important
Not a priority for the government			
Lack of capacities			
Lack of financial resources			

Understaffing			
Lack of time			
Poor internal coordination among relevant ministries			
Other			

**Other (specify) (max 30 words)**

**No answer provided**

**If your country had no NAP adopted prior to The Strategy, have you formulated an aligned NAP after The Strategy's adoption in 2008?**

**No answer provided**

**If yes, specify the date of its approval.**

**No answer provided**

**If at the time of reporting you have not formulated a NAP aligned to The Strategy specify why the process was not initiated. (tick as many boxes as necessary and rate the level of importance)**

	Not important	Important	Very Important
Not a priority for the government			
Lack of capacities			
Lack of financial resources			
Understaffing			
Lack of time			
Poor internal coordination among relevant ministries			
Other			

**Other (specify) (max 30 words)**

**No answer provided**

**The questions below apply only to those countries having a NAP aligned to The Strategy**

**If you have a NAP, is it supported by biophysical and socio-economic baseline information?**

**No answer provided**

**If you have a NAP, does it assess DLDD drivers?**

**No answer provided**

**If you have a NAP, does it assess the barriers to sustainable land management?**

**No answer provided**

**If yes, does the NAP include recommendations to remove these barriers?**

**No answer provided**

**If you have a NAP, has it been included into an integrated investment framework?**

**No answer provided**

**If you have a NAP, has it been integrated into national development planning and relevant sectoral and investment plans and policies?**

**No answer provided**

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

**No answer provided**

**Did you refer to the Guidelines on the alignment of action programmes with The Strategy as proposed in ICCD/COP(9)/2/Add.1 while developing or reviewing your action plan?**

**No answer provided**

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**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- annual reports

**Attachments:**

none

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**National contribution to the target**

If you do not have an approved NAP aligned to The Strategy at the time of reporting, when do you plan to have it developed and approved?

**2010-11**

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**Qualitative assessment**

Has the formulation and/or alignment of the NAP been supported by external assistance?

**Yes**

**If yes, did you receive assistance from one or more of the following institutions? (more than one box can be ticked)**

- Secretariat

**If yes, which type of assistance did you receive?**

**Financial Support**

**Identify the major difficulties experienced in the formulation/alignment process (tick as many boxes as necessary and rate the level of importance).**

		Not important	Important	Very Important
	Not a priority for the government			
X	Poor availability of biophysical and socio- economic baseline information		X	
	Existing investment frameworks are not fully compatible with the NAP			
X	Streamlining the NAP into existing plans and policies is too time-consuming		X	
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

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**Performance indicator CONS-O-7 for Outcome 2.5**

*Operational Objective 2: Policy framework*

*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*

The indicator measures the existence of synergistic processes through the number of instruments (i.e. joint planning/programming and/or operational mechanisms) in place at the national level 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 level.

#### *Data needed*

Planning/programming documents and legislative/regulatory documents.

Only operational mechanisms which have the achievement of joint implementation, synergies, convergence, and the introduction or strengthening of reinforcing measures among the Rio Conventions clearly stated in their objectives shall be considered under this indicator.

#### *Data sources (indicative only)*

Relevant national ministries.

#### *Check the glossary for*

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

For an indicative list of activities by Parties to promote synergies among the Rio Conventions, refer to [target=' \\_blank>UNEP/CBD /COP/DC/IX/16, Annex II](#)

#### *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

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#### **Are you implementing joint planning/programming initiatives for the three Rio Conventions?**

Yes

**If yes, specify the type of joint initiative(s) (tick as many boxes as necessary)**

- Review of national plans and identification of gaps in synergies
- Review of plans and policies to enhance cooperation

**Other (specify) (max 30 words)**

**No answer provided**

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#### **Do operational mechanisms for joint implementation or mutual reinforcement exist in your country?**

Yes

**If yes, specify the type of mechanism(s) (tick as many boxes as necessary)**

- Establishment of a national coordinating committee for implementation of the three Rio Conventions

**Other (specify) (max 30 words)**

**No answer provided**

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#### **Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- MECC annual reports

#### **Attachments:**

none

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#### **National contribution to the target**

If your country is not implementing joint planning/programming or does not have operational mechanisms in place at the time of reporting, when do you plan to have something ensuring synergies in place?

**No answer provided**

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**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 which Convention? (more than one box can be ticked)***

- UNCCD
- CBD
- UNFCCC

***Identify the major difficulties experienced to establish synergistic planning/programming or mechanisms for joint implementation (tick as many boxes as necessary and rate the level of importance).***

		Not important	Important	Very Important
	Not a priority for the government			
X	Lack of capacities			X
X	Lack of financial resources			X
X	Understaffing		X	
	Lack of time			
	Poor internal coordination among relevant ministries			
	Other			

***Other (specify) (max 30 words)***

**No answer provided**



## Operational Objective 3: Science, technology and knowledge

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

*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 or partially (in the case of environmental monitoring systems) dedicated to UNCCD reporting. 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 level.*

*Data needed*

*Information on monitoring systems established within the national Ministries or other bodies/institutions.*

*Programmes/projects' documents, fiches and summary sheets, programmes/projects' interim or final reports.*

*Only those monitoring systems storing all or most of the information needed for reporting to the UNCCD shall be considered.*

*Data sources (indicative only)*

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

*Check the glossary for*

*'monitoring system', 'vulnerability'*

*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*

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***Is a monitoring system for DLDD established at the national level?***

**No**

***If yes, specify whether this system is: Functional***

**No answer provided**

***If yes, specify whether this system is: Regularly Updated***

**No answer provided**

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

**Yes**

***List any monitoring system available at the sub- national level that can contribute to the UNCCD reporting (add as many rows as necessary).***

- environmental monitoring program
  - environmental impact assessment
- 

### ***Sources of information***

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- government ministries annual reports

**Attachments:**

none

**National contribution to the target**

If your country does not have a national monitoring system partially or totally dedicated to DLDD in place at the time of reporting, do you plan to initiate one?

**Yes****If yes, when?****2010-11****Qualitative assessment**

For those countries not having a national monitoring system totally or partially dedicated to DLDD, identify the major difficulties experienced in the establishment process (tick as many boxes as necessary and rate the level of importance).

	Not important	Important	Very important
Financial constraints			
Lack of capacities			
Human resources constraints			
Lack of coordination among relevant ministries and unclear attribution of responsibilities			
Lack of coordination among donor-led programme/project interventions			
Existing initiatives are too fragmented; cannot be realistically coordinated under one umbrella.			
Existing national and/or sub-national monitoring systems use different methodologies and cannot be realistically harmonised			
Other			

**Other (specify) (max 30 words)****No answer provided**

**For those countries having a national monitoring system totally or partially dedicated to DLDD, how is the system maintained? (tick as many boxes as necessary and rate the level of importance)**

	Not important	Important	Very important
X By means of national resources			X
X By means of external support			X
No maintenance is possible due to limited professional capacities			
No maintenance is possible due to limited financial resources			
Other			

**Other (specify) (max 30 words)****No answer provided**

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

The indicator measures the use of biophysical and socio-economic information at the national level 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.

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**Question marked as 'No answer'.**

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

No answer required for this indicator in the 2010 reporting cycle

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**Question marked as 'No answer'.**

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

2012  
No answer required for this indicator in the 2010 reporting cycle

**2016**

No answer required for this indicator in the 2010 reporting cycle

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**Question marked as '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?**

No answer required for this indicator in the 2010 reporting cycle

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**Question marked as 'No answer'.**

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows information as necessary). If reporting online, you may also upload relevant documents.

No answer required for this indicator in the 2010 reporting cycle

---

**Question marked as 'No answer'.**

**National contribution to the target**

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

*No answer required for this indicator in the 2010 reporting cycle*

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

*No answer required for this indicator in the 2010 reporting cycle*

---

**Question marked as 'No answer'.**

**Qualitative assessment**

Identify the major difficulties experienced in reporting against the impact indicators:

*No answer required for this indicator in the 2010 reporting cycle*

**Other (specify) (max 30 words)**

*No answer required for this indicator in the 2010 reporting cycle*

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

*Operational Objective 3: Science, technology and knowledge*

*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. 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 development of the NAP.*

*Data sources (indicative only)*

*UNCCD NFP.*

*Check the glossary for*

*'NAP', 'NFP', 'driver'*

*Countries not having a NAP or not having aligned their NAP to The Strategy do not report on this indicator.*

*The below questions are meant to guide the country's self-assessment of its aligned NAP.*

*Overall target*

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

---

**Question marked as 'No answer'.**

**Countries not having a NAP or not having aligned their NAP to The Strategy do not report on this indicator.**

The below questions are meant to guide the country's self-assessment of its aligned NAP.

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

**No answer provided**

*If yes, specify upon which type of knowledge it is based (tick as many boxes as necessary and rate the level of importance).*

**No answer provided**

*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 provided**

*In your NAP, is the analysis of the interaction between drought mitigation and restoration of degraded land and climate change mitigation/ adaptation or biodiversity conservation knowledge-based?*

**No answer provided**

*If yes, specify upon which type of knowledge it is based (tick as many boxes as necessary and rate the level of importance).*

**No answer provided**

*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 provided**

*Is drought mitigation analyzed and/or reflected in some of the actions outlined in the NAP?*

**No answer provided**

**Attachments:**

none

---

**Question marked as 'No answer'.**

**Sources of information**

Specify the sources used to extract the information provided above:

UNCCD National Action Programme.

*No answer required*

---

**Question marked as 'No answer'.**

**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, such that the self-assessment process is not fully successful, when do you expect to adjust your NAP so that it can successfully go through the self-assessment?

**No answer provided**

---

**Question marked as 'No answer'.**

**Qualitative assessment**

If your NAP has not been developed taking into account relevant scientific and/or traditional knowledge, identify the reasons (tick as many boxes as necessary and rate the level of importance).

	Not important	Important	Very important
Relevant scientific literature is not available			
Relevant traditional or expert knowledge is not available			
Lack of financial resources to mobilise the necessary knowledge			

Poor coordination among the relevant ministries prevented an internal pooling of knowledge/expertise			
Relevant ministries could not contribute due to lack of time			
Relevant ministries could not contribute due to lack of staff			
Other			

**Other (specify) (max 30 words)**

**No answer provided**

## Performance indicator CONS-O-11 for Outcome 3.5

*Operational Objective 3: Science, technology and knowledge*

*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*

*The indicator measures the presence at the national level 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 level.*

*Data needed*

*Information from websites.*

*Only DLDD-relevant knowledge-sharing systems and networks shall be considered.*

*Data sources (indicative only)*

*Relevant organizations at the national level, relevant national ministries hosting knowledge-sharing systems and networks within their websites.*

*Check the glossary for*

*'knowledge-sharing system', 'PRAIS'*

**List any DLDD-relevant 'knowledge-sharing system' at the country level you are aware of, providing an Internet link and estimated number of users per year (add as many rows as necessary)**

**Name of the System**

**Min. of Lands Survey and Natural Resources**

**Min. of Agriculture, Forestry, Fisheries and Food**

**Min. of Training, Education and Youths**

**Ministry of Environment and Climate Change**

**Min. of Education**

**Internet Link**

**each ministries website**

**Estimated number of users per year**

**No answer provided**

## Operational Objective 4: Capacity building

---

### Performance indicator CONS-O-13 for Outcomes 4.1 and 4.2

#### *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 major 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 environmental monitoring systems, accessing new financing mechanisms). This information will be complemented by the reporting of other reporting entities on existing UNCCD-related capacity-building initiatives at the subregional, regional and global level.*

#### *Data needed*

*Information on DLDD-related capacity building initiatives.*

*Only major capacity-building plans/programmes/projects mentioned in the PPSs are to be considered.*

#### *Data sources (indicative only)*

*PPSs submitted to UNCCD as part of the reporting exercise*

*Programmes/projects' documents, fiches and summary sheets, 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*

*'NCSA', 'PPS'*

#### *Overall target*

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

---

### **Number of DLDD-related capacity building initiatives undertaken**

Identify, if any, relevant programmes and projects through the PPSs and check corresponding programmes/projects' documents, fiches and summary sheets, and interim or final reports, to extract the information needed for completing the table below

<b>Year</b>	<b>NCSA-generated</b>	<b>Other initiatives</b>
2008	1	
2009	1	
2010		
2011		
2012		
2013		
2014		
2015		
2016		

2017		
2018		

---

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

Yes

**If yes, within the framework of which initiative?**

- NCSA
- Other

**Other (specify) (max 30 words)**

Joint NAP CC and Disaster Risk  
Relevant Ministries Programmes

**If yes, do you have assessed the necessary resources for addressing capacity building needs?**

Yes

**Are these resource requirements included into an investment framework?**

No

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- NCSA Report (stocktaking and thematic assessment)  
NCSA Strategic Action Plan

**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?

2010-11

---

**Qualitative assessment**

Have you received assistance from one or more of the following institutions to build capacities to combat DLDD? (more than one box can be ticked)

- secretariat
- GEF

**If yes, which type of assistance have you received?**

- Technical support
- Financial support



# Operational Objective 5: Financing and technology transfer

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## Performance indicator CONS-O-14 for Outcome 5.1

*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 integrated financing strategies, 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 integrated financing strategies promoted by diverse international institutions. This information will be complemented by the reporting of other reporting entities on the establishment of integrated investment frameworks at national, subregional and regional level.*

*Data needed*

*Investment frameworks documents.*

*Only investment frameworks prepared along the guidelines devised within integrated financing strategies shall be considered.*

*Data sources (indicative only)*

*Relevant national ministries.*

*Check the glossary for*

*'IFS', 'NAP' 'leveraging', 'integrated investment framework'*

*Overall target*

*By 2014, at least 50 per cent of affected country Parties, subregional and regional entities have developed integrated investment frameworks.*

---

**Has your country developed an integrated investment framework?**

**No**

**If yes, specify when it was developed.**

**No answer provided**

**The questions below apply only to those countries which have an integrated investment framework.**

**Is your integrated investment framework based on the NAP?**

**No answer provided**

**If based on the NAP, who assisted in its development?**

**No answer provided**

**Other (specify) (max 30 words)**

**No answer provided**

**If assisted, which type of assistance did you receive?**

**No answer provided**

**If assisted by the GM, was it devised within the IFS?**

**No answer provided**

**If your country has an integrated investment framework based on the NAP, is this framework concretely allowing the leverage of national, bilateral and multilateral resources for combating DLDD?**

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- none

**Attachments:**

none

---

**National contribution to the target**

If your country has not developed an integrated investment framework at the time of reporting, do you plan to do it?

Yes

**If yes, when?**

2010-11

---

**Qualitative assessment**

Identify the major difficulties experienced in developing an integrated investment framework (tick as many boxes as necessary and rate the level of importance).

		Not important	Important	Very Important
X	Financial constraints			X
X	Human resources constraints		X	
X	Lack of coordination among relevant ministries and unclear attribution of responsibilities		X	
	Lack of coordination among those providing support			
X	National, bilateral and multilateral resources are too diverse; cannot be realistically coordinated under one umbrella.		X	
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

---

**Performance indicator CONS-O-16 for Outcome 5.2**

*Operational Objective 5: Financing and technology transfer*

*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.

Overall target

No target has been set for this indicator

---

**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 (max 100 words)**

**UNCCD Issues not priority as far as bilateral assistance are concern. not identified as priority at national level. climate change and other issues are priority.**

---

**Qualitative assessment**

Did you receive assistance in raising resources from bilateral donors?

**Yes**

**If yes, from whom? (more than one box can be ticked)**

- GEF
- Multilateral (UN agencies, IGOs, international financing institutions, etc.)

**Other (specify) (max 30 words)**

**No answer provided**

**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 answer provided**

---

**Performance indicator CONS-O-17 for Outcome 5.3**

*Operational Objective 5: Financing and technology transfer*

*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*

*The indicator measures the capacity of fund-raising at the national level, 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 level.*

*Data needed*

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.

---

**Number of project proposals submitted (pipeline) and ongoing, by biennium**

Biennium	submitted (pipeline)	ongoing
2008-2009	2	2
2010-2011		
2012-2013		
2014-2015		
2016-2017		

---

**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	Total amount
2008-2009	USD1000000
2010-2011	
2012-2013	
2014-2015	
2016-2017	

---

**Sources of information**

Specify the sources used to extract the information provided above: Programme and Project Sheets and Standard Financial Annexes

No answer required

---

**National contribution to the target**

According to the information provided above, do you think that you are mobilizing enough resources from international financial institutions, facilities and funds through successfully submitted project proposals?

No

**If no, do you plan to increase the country's efforts in presenting project proposals to international financial institutions, facilities and funds?**

Yes

### Qualitative assessment

Identify the reasons for the increasing or decreasing trend of project proposals successfully submitted to international financial institutions, facilities and funds (tick as many boxes as necessary and rate the level of importance).

#### Reasons for increasing

		Not important	Important	Very Important
X	Easier and more transparent application procedures		X	
X	Increased capacities of national stakeholders to prepare applications			X
	Major natural hazards occurred at the national level considerably increased the level of resources made available by the international community			
X	Access to funding is increasingly facilitated by third parties such as the private sector		X	
	Existence of a financing strategy (IFS or others)			
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

#### Reasons for decreasing

		Not important	Important	Very Important
	Financing opportunities are not publicised 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) (max 30 words)**

**No answer provided**

## Performance indicator CONS-O-18 for Outcome 5.5

*Operational Objective 5: Financing and technology transfer*

*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. The indicator will inform to what extent an enabling environment for technology transfer has been created at the national level 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 level.

*Data needed*

*Budgets of relevant programmes and projects*

*Information on policy/regulatory, financial and fiscal incentives. Incentives facilitating access to technology shall be those established and implemented at the national level, not necessarily 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*

*'technical support', 'incentive', 'PPS'*

*Check the programmes and projects financial documents (budgets) and extract amounts allocated to: (1) technical support – material aid (equipment, hardware and software, machineries, etc); and (2) technical support – knowledge aid (technical assistance and advisory services). Add these amounts to provide totals in the table below.*

*Refer to the programmes and projects submitted as PPSs to the UNCCD and their relating budgets*

*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 technology transfer***

Check the programmes and projects financial documents (budgets) and extract amounts allocated to: (1) technical support – material aid (equipment, hardware and software, machineries, etc); and (2) technical support – knowledge aid (technical assistance and advisory services). Add these amounts to provide totals in the table below.

Refer to the programmes and projects submitted as PPSs to the UNCCD and their relating budgets

<b>Year</b>	<b>Technical support – material aid</b>	<b>Technical support – knowledge aid</b>
2008	USD20000	USD100000
2009	30000 USD	100000 USD
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		

***Has your country established incentives intended to facilitate access to technology?***

**No**

**If yes, specify which types of incentives (more than one box can be ticked)**

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- ministries annual reports

**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?**

**2010-11**

---

**Qualitative assessment**

If existing incentives do not prove to be effective, identify possible reasons (tick as many boxes as necessary and rate the level of importance).

		Not important	Important	Very Important
	Policy or regulatory incentives are not enforced			
X	There are not enough resources to apply financial or fiscal incentives			X
	The national financial and credit systems (banks, credit agencies, etc) are not supportive			
	Other			

**Other (specify) (max 30 words)**

**No answer provided**

**Identify the reasons for the increasing or decreasing trend of financial resources allocated through DLDD-related programmes and projects to facilitate access to technology (tick as many boxes as necessary and rate the level of importance).**

**Reasons for increasing**

	Not important	Important	Very Important
Access facilitated by the spreading of IT			
More appropriate technologies available			
Appropriateness of government incentives			
Other			

**Other (specify) (max 30 words)**

**No answer provided**

**Reasons for decreasing**

	<b>Not important</b>	<b>Important</b>	<b>Very Important</b>
Technology sustainability is poor; technologies do not represent viable investments			
Lack of fixed infrastructure for accessing technologies (those created on an ad hoc basis disappear once the support ends)			
Lack of capacities for operation and maintenance of technologies			
Lack of enabling policy and regulatory environments			
Other			

**Other (specify) (max 30 words)**

**No answer provided**



# Standard Financial Annex

## D. 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 Standard Financial Annex (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:

Identification, i.e. data required to identify the reporting entity, the funding source and the activity financed;

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 presented in a separate document.

## Financial Commitment #1 — Women Organic Plots Youth Vegetable Organic Plot

---

### Reporting Entity

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

### Other

- Ministry of Environment and Climate Change, Tonga
- 

### Funding Organization

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

### Other

- Bilateral - AusAID Small Scheme
- 

### Name of activity funded

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**Women Organic Plots**

**Youth Vegetable Organic Plot**

---

**Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

**Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

**Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

---

**Other**

- **Tonga Trust**
- 

**Executing Agency(ies)**

Enter the full name and acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- **Tonga Trust**
- 

**Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2008/2009**

---

**Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**20000 Tonga Pa'anga**

---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Grant**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**01/1/2008**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**2010**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

***Rio Marker for desertification***

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

2

---

***Relevant Activity Code(s) (RACs)***

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

***Sources of information***

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **Report from Tonga Trust**

**Attachments:**

none

# Financial Commitment #2 — DSAP (Development Sustainable Agriculture Project)- Irrigation Project

---

## **Reporting Entity**

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

## **Other**

**No answer provided**

---

## **Funding Organization**

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

## **Other**

**No answer provided**

---

## **Name of activity funded**

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**DSAP (Development Sustainable Agriculture Project)- Irrigation Project**

---

## **Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

## **Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

## **Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

## **Other**

**No answer provided**

---

## **Executing Agency(ies)**

Enter the full name and acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- **Ministry of Agriculture, Tonga**
- 

## **Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2007/2008/2009**

---

## **Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**700000 Tonga Pa'anga**

---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Grant**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**2005**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**2009**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

**60**

---

**Rio Marker for desertification**

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

**2**

---

**Relevant Activity Code(s) (RACs)**

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **Annual Report and Direct Interview**

**Attachments:**

none

## Financial Commitment #3 — Mucuna Beans Project

---

### **Reporting Entity**

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

### **Other**

**No answer provided**

---

### **Funding Organization**

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

### **Other**

**No answer provided**

---

### **Name of activity funded**

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**Mucuna Beans Project**

---

### **Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

### **Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

### **Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

### **Other**

- **MAFFF, Tonga**
- 

### **Executing Agency(ies)**

Enter the full name and acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- **MAFFF, Tonga**
- 

### **Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2004/2009**

---

### **Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**100000 Tonga Pa'anga**

---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Grant**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**2004**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**2010**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

**60**

---

**Rio Marker for desertification**

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

**2**

---

**Relevant Activity Code(s) (RACs)**

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **annual Report**
- Lit. review**
- Interview**

**Attachments:**

none

## Financial Commitment #4 — GIS-Arc Map and Map Info

---

### **Reporting Entity**

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

### **Other**

- **Ministry of Lands, Survey and Natural Resources, Tonga**
- 

### **Funding Organization**

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

### **Other**

- **EU/SOPAC**
- 

### **Name of activity funded**

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**GIS-Arc Map and Map Info**

---

### **Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

### **Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

### **Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

### **Other**

- **Ministry of Lands, Tonga**
- 

### **Executing Agency(ies)**

Enter the full name and acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- **Ministry of Lands, Tonga**
- 

### **Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2006**

---

### **Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**2000000 Tonga Pa'anga**



---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Grant**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**2006**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**2008**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

**36**

---

**Rio Marker for desertification**

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

**2**

---

**Relevant Activity Code(s) (RACs)**

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **Report**
  - interview**
  - review**

**Attachments:**

none

## Financial Commitment #5 — Land Use Plan for Tonga

---

### **Reporting Entity**

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

### **Other**

- Min. Lands, Tonga
- 

### **Funding Organization**

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

### **Other**

- FAO
- 

### **Name of activity funded**

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**Land Use Plan for TOnGa**

---

### **Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

### **Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

### **Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

### **Other**

- Ministry of Lands,TOnGa
- 

### **Executing Agency(ies)**

Enter the full name an acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- Min. of lands, Tonga
- 

### **Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2008/2009**

---

### **Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**50000 Tonga Pa'anga**

---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Grant**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**01/1/2008**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**12/2008**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

**12**

---

**Rio Marker for desertification**

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

**3**

---

**Relevant Activity Code(s) (RACs)**

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **report**

**Attachments:**

none

## Financial Commitment #6 — Coastal Erosion Study - Vavau Island, Ha'apai, Eua~~~

---

### **Reporting Entity**

Enter the name of the country or organization submitting the official report to the UNCCD to which the financial commitment will be attached in the form of a consolidated Standard Financial Annex

**No answer provided**

### **Other**

- Ministry of Environment, Tonga
- 

### **Funding Organization**

Enter the full name and acronym (if applicable) of the organization that has made the financial commitment

**No answer provided**

### **Other**

- Ministry of Environment
- 

### **Name of activity funded**

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment

**Coastal Erosion Study - Vavau Island, Ha'apai, Eua**

---

### **Identification code**

Enter the Identification Code (ID), number or acronym given to the activity funded (if known)

**N/A**

---

### **Recipient Country(ies) or (sub) region(s)**

Enter the name of the country(ies), subregion(s) or region(s) in which the activity is taking place or is due to take place. Indicate "Global" if the activity is of global scale or has no specific geographical focus

**No answer provided**

---

### **Recipient Organization(s)**

Enter the full name and acronym of the organization(s) to which the funds have been or will be transferred to

**No answer provided**

### **Other**

- Ministry of Environment, Tonga
- 

### **Executing Agency(ies)**

Enter the full name and acronym of the Agency(ies) or Organization(s) that is/are in charge of the execution of the activity

- Ministry of Environment
- 

### **Commitment date (dd/mm/yyyy)**

Enter the date at which the financial commitment has been formally approved by the extending organization (e.g. 15/01/2011)

**2006/2008**

---

### **Currency/Amount committed**

Indicate the currency denomination of the financial commitment (e.g. EUR, USD, YN, etc.). Enter the total amount of money committed as a numeric field, showing the entire figure (e.g. enter 1500000 to indicate 1.5 million). Do not use abbreviations, symbols or decimals

**10000 Tonga Pa'anga**

---

**Type of funding**

Indicate the type of funding provided through the financial commitment (e.g. grant, concessional loan, basket funding,

**Budget Authority (Mandatory)**

---

**Start date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be made available to the recipient organization (e.g. 15/01/2011)

**6/6/2006**

---

**Completion date (dd/mm/yyyy)**

Enter the date at which the funding has been or is expected to be utilized by the recipient organization (e.g. 15/01/2011), if applicable

**2008**

---

**Duration (no. of months)**

Indicate the period covered by this funding, if applicable, expressed in number of months (numeric field. Do not use abbreviations, symbols or decimals)

**36**

---

**Rio Marker for desertification**

Assign the appropriate Rio Marker for desertification to the funded activity by ticking only one of the boxes below (refer to the Rio Markers guidance note for more information, examples and instructions)

**2**

---

**Relevant Activity Code(s) (RACs)**

Indicate all the Relevant Activity Codes (RACs) that may apply to the funded activity (refer to the RACs guidance note for more information, examples and instructions). Add as many rows as necessary.

**No answer provided**

---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **annual Report**

**Attachments:**

none

# Programme and Project Sheets

## E. Programme and Project Sheet

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 UN Convention on Biological Diversity, CBD – and the UN 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.

In the PPS template, shaded areas contain information and explanatory texts, while white areas are for reporting purposes and need to be filled in by country Parties and other reporting entities with relevant data or narrative information.

## Programme/Project #1 — Community Organic Plot

---

### Title

Enter the Programme/Project title, and sub-title if applicable

**Community Organic Plot**

---

### Organization(s)

Enter the full name and acronym of the reporting organization

**No answer provided**

### Other

- Tonga Trust
- 

### Role of the Organization(s) in the Programme/Project

Indicate the role of the reporting organization in the Programme /Project (e.g. funding agency, implementing agency, etc.)

### **Implementing agency**

---

### **Civil Society Organizations (CSOs) and Science & Technology Institutions (STIs)**

Enter the name(s) of Civil Society Organizations (CSOs), including Non-Governmental Organizations, research institutions and-or Science & Technology Institutions (STIs) involved in the Programme/Project. Note: This information should be taken into account in the computation of performance indicator no. CONS-O-3.

- **Civil Society of Tonga/tonga trust**
- 

### **Beneficiary Country(ies) or Sub Region(s)**

Enter the name of the Country(ies), Subregion(s) and/or Region(s) benefiting from the Programme/Project. Indicate "Global" in the absence of a specific geographical focus

**No answer provided**

---

### **Target Area size / administrative unit**

Indicate the total area expressed in number of hectares (numeric field. Do not use abbreviations, symbols or decimals). Also indicate the administrative unit targeted in the project area, if known, by the Programme/Project

Area Size

**300 Hectares**

### **Administrative Unit**

**Tonga Trust Admin**

---

### **Target Group**

Enter the different stakeholders, such as individuals, groups, or organizations, positively affected through their involvement in the implementation of an initiative/project/programme

- **Women**
  - Youth**
- 

### **Beneficiaries**

Enter the total number of people benefitting from the Programme/Project, if known (numeric field. Do not use abbreviations, symbols or decimals)

**20000**

---

### **Identification Code**

Enter the Programme/Project identification code (ID) or number, given by the relevant extending agency (if applicable)

**N/A**

---

### **Status**

Indicate the status of the Programme/Project at the time of completing this form.

**Ongoing**

---

### **Start date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project started or is due to start, if known (e.g. 15/01/2011)

**2008**

---

### **Completion date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project was completed or is due to be completed, if known (e.g. 15/01/2011)

**2009**

---

### **Programme/Project co-financing**

**Source**

*Provide the full name and acronym of all co-financing organisations*

**No answer provided**

**Other**

NZ Aid

Aus AID

**Currency, Amount**

*For each co-financing, indicate the currency denomination used (e.g. EUR, USD, YEN, etc.)*

*Indicate the amount of funding provided by each co-financing organisation (numeric field. Do not use abbreviations, symbols or decimals)*

**No answer provided**

**UN Conventions' Rio Markers**

Assign the appropriate Rio Marker to the Programme/Project (refer to the Rio Markers guidance note for more information, examples and instructions)

UNCCD

2

**UNFCCC adaptation**

1

**UNFCCC mitigation**

1

**CBD**

2

**Strategic objectives**

Indicate which strategic objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

- 3

**Operational objectives**

Indicate which operational objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

- 3

**Programme/Project Objectives**

Indicate the objectives pursued by the Programme/Project, as specified in the related documentation, choosing from the list of purpose codes provided in document (add Quick Reference Guide document title and reference code (please see footnotes above). The OECD list of purpose is also available at the following link : [http://www.oecd.org/document/21/0,3343,en\\_2649\\_34447\\_1914325\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/21/0,3343,en_2649_34447_1914325_1_1_1_1,00.html).

**No answer provided**

**Programme/Project Components****Programme/Project Components**

*Indicate the specific Programme/Project components, if known, as specified in the related documentation.*

*Note: This information should be taken into account in the computation of performance indicator no. CONS-O-18.*

Introduction and strengthening of organic farming at community level

**Currency, Amount**

*Indicate the currency denomination (e.g. EUR, USD, YEN, etc.)*

*Indicate the amount allocated to each Programme/Project component (numeric field. Do not use abbreviations, symbols or decimals)*



## 0 Tonga Pa'anga

### **Rio Marker for desertification**

**Assign the appropriate Rio Marker for desertification to each Programme/Project component (refer to the [Rio Markers guidance note](#) for more information, examples and instructions)**

**2**

### **Relevant Activity Codes (RACs)**

**Indicate all the Relevant Activity Codes (RACs) that may apply to the Programme/Project components (refer to the [RACs guidance note](#) for more information, examples and instructions)**

**No answer provided**

---

### **Expected or achieved results**

Provide information on the results achieved or expected from the implementation of the Programme/Project (max 100 words).

- **That more than half of the community level population use organic farming**

---

### **Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **report**

### **Attachments:**

none

## Programme/Project #2 — Development Sustainable Agriculture Programme (DSAP)

---

### **Title**

Enter the Programme/Project title, and sub-title if applicable

**Development Sustainable Agriculture Programme (DSAP)**

---

### **Organization(s)**

Enter the full name and acronym of the reporting organization

**No answer provided**

### **Other**

- **Ministry of Environment and Climate Change**
- 

### **Role of the Organization(s) in the Programme/Project**

Indicate the role of the reporting organization in the Programme /Project (e.g. funding agency, implementing agency, etc.)

**Cooperating Institution**

---

### **Civil Society Organizations (CSOs) and Science & Technology Institutions (STIs)**

Enter the name(s) of Civil Society Organizations (CSOs), including Non-Governmental Organizations, research institutions and-or Science & Technology Institutions (STIs) involved in the Programme/Project. Note: This information should be taken into account in the computation of performance indicator no. CONS-O-3.

- **Civil Society Tonga**
    - Tonga Trust**
    - Training and Sports and Youth Ministry**
    - USP Extension**
- 

### **Beneficiary Country(ies) or Sub Region(s)**

Enter the name of the Country(ies), Subregion(s) and/or Region(s) benefiting from the Programme/Project. Indicate "Global" in the absence of a specific geographical focus

**No answer provided**

---

### **Target Area size / administrative unit**

Indicate the total area expressed in number of hectares (numeric field. Do not use abbreviations, symbols or decimals). Also indicate the administrative unit targeted in the project area, if known, by the Programme/Project

Area Size

**300 Hectares**

### **Administrative Unit**

**N/A**

---

### **Target Group**

Enter the different stakeholders, such as individuals, groups, or organizations, positively affected through their involvement in the implementation of an initiative/project/programme

- **Farmers**
    - Women**
    - Youth**
    - General Community**
    - Institutions**
- 

### **Beneficiaries**

Enter the total number of people benefitting from the Programme/Project, if known (numeric field. Do not use abbreviations, symbols or decimals)

**30000**

---

**Identification Code**

Enter the Programme/Project identification code (ID) or number, given by the relevant extending agency (if applicable)

**N/A**

---

**Status**

Indicate the status of the Programme/Project at the time of completing this form.

**Completed**

---

**Start date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project started or is due to start, if known (e.g. 15/01/2011)

**2003**

---

**Completion date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project was completed or is due to be completed, if known (e.g. 15/01/2011)

**2008**

---

**Programme/Project co-financing**

**Source**

**Provide the full name and acronym of all co-financing organisations**

**No answer provided**

**Other**

**NGOs include: Tonga Trust, Civil Society, Women Groups, Youths, community at large**

**Currency, Amount**

**For each co-financing, indicate the currency denomination used (e.g. EUR, USD, YEN, etc.)**

**Indicate the amount of funding provided by each co-financing organisation (numeric field. Do not use abbreviations, symbols or decimals)**

**No answer provided**

---

**UN Conventions' Rio Markers**

Assign the appropriate Rio Marker to the Programme/Project (refer to the Rio Markers guidance note for more information, examples and instructions)

**UNCCD**

**3**

**UNFCCC adaptation**

**2**

**UNFCCC mitigation**

**1**

**CBD**

**2**

---

**Strategic objectives**

Indicate which strategic objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

**• 3**

---

**Operational objectives**

Indicate which operational objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

- 1
- 2
- 3

---

### **Programme/Project Objectives**

Indicate the objectives pursued by the Programme/Project, as specified in the related documentation, choosing from the list of purpose codes provided in document (add Quick Reference Guide document title and reference code (please see footnotes above). The OECD list of purpose is also available at the following link : [http://www.oecd.org/document/21/0,3343,en\\_2649\\_34447\\_1914325\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/21/0,3343,en_2649_34447_1914325_1_1_1_1,00.html).

**No answer provided**

---

### **Programme/Project Components**

#### **Programme/Project Components**

**Indicate the specific Programme/Project components, if known, as specified in the related documentation.**

**Note: This information should be taken into account in the computation of performance indicator no.**

**CONS-O-18.**

**Irrigation**

**Mucunna**

**Contour plant**

**Organic Farming**

**cyonite content in crops**

**capacity building**

**awareness**

**Currency, Amount**

**Indicate the currency denomination (e.g. EUR, USD, YEN, etc.)**

**Indicate the amount allocated to each Programme/Project component (numeric field. Do not use abbreviations, symbols or decimals)**

**No answer provided**

**Rio Marker for desertification**

**Assign the appropriate Rio Marker for desertification to each Programme/Project component (refer to the [Rio Markers guidance note](#) for more information, examples and instructions)**

**No answer provided**

**Relevant Activity Codes (RACs)**

**Indicate all the Relevant Activity Codes (RACs) that may apply to the Programme/Project components (refer to the [RACs guidance note](#) for more information, examples and instructions)**

**No answer provided**

---

### **Expected or achieved results**

Provide information on the results achieved or expected from the implementation of the Programme/Project (max 100 words).

- **Organic farming widely used by community at large**  
**farmers aware of sustainable land management**  
**youth and women practice sustainable farming system**

---

### **Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **MAFF annual report**  
**direct interview with DSAP Project Coordinator**

**Attachments:**

none

## Programme/Project #3 — CRMP

---

### **Title**

Enter the Programme/Project title, and sub-title if applicable

**CRMP**

---

### **Organization(s)**

Enter the full name and acronym of the reporting organization

**No answer provided**

---

### **Other**

- **Min. of Environment and Min. of Lands , Tonga**
- 

### **Role of the Organization(s) in the Programme/Project**

Indicate the role of the reporting organization in the Programme /Project (e.g. funding agency, implementing agency, etc.)

**Implementing agency**

---

### **Civil Society Organizations (CSOs) and Science & Technology Institutions (STIs)**

Enter the name(s) of Civil Society Organizations (CSOs), including Non-Governmental Organizations, research institutions and-or Science & Technology Institutions (STIs) involved in the Programme/Project. Note: This information should be taken into account in the computation of performance indicator no. CONS-O-3.

- **Landcare**  
**Ministry of Education**  
**youths**  
**Civil society**  
**community at large**
- 

### **Beneficiary Country(ies) or Sub Region(s)**

Enter the name of the Country(ies), Subregion(s) and/or Region(s) benefiting from the Programme/Project. Indicate "Global" in the absence of a specific geographical focus

**No answer provided**

---

### **Target Area size / administrative unit**

Indicate the total area expressed in number of hectares (numeric field. Do not use abbreviations, symbols or decimals). Also indicate the administrative unit targeted in the project area, if known, by the Programme/Project

Area Size

**700 Hectares**

### **Administrative Unit**

**No answer provided**

---

### **Target Group**

Enter the different stakeholders, such as individuals, groups, or organizations, positively affected through their involvement in the implementation of an initiative/project/programme

- **Government officials in area of GIS, Surveyor, Civil works, environment, statistics**  
**Youths**  
**Private Sector engineers**  
**community at large ( farmers, landholders, builders etc)**
- 

### **Beneficiaries**

Enter the total number of people benefitting from the Programme/Project, if known (numeric field. Do not use abbreviations, symbols or decimals)

**50000**

---

**Identification Code**

Enter the Programme/Project identification code (ID) or number, given by the relevant extending agency (if applicable)

**N/A**

---

**Status**

Indicate the status of the Programme/Project at the time of completing this form.

**Completed**

---

**Start date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project started or is due to start, if known (e.g. 15/01/2011)

**2004**

---

**Completion date (dd/mm/yyyy)**

Indicate the date at which the Programme/Project was completed or is due to be completed, if known (e.g. 15/01/2011)

**2008**

---

**Programme/Project co-financing**

**Source**

**Provide the full name and acronym of all co-financing organisations**

**No answer provided**

**Other**

**Min. Lands**

**Min. of Works**

**Min. Finance**

**Min. Environment**

**Landcare**

**Currency, Amount**

**For each co-financing, indicate the currency denomination used (e.g. EUR, USD, YEN, etc.)**

**Indicate the amount of funding provided by each co-financing organisation (numeric field. Do not use abbreviations, symbols or decimals)**

**No answer provided**

---

**UN Conventions' Rio Markers**

Assign the appropriate Rio Marker to the Programme/Project (refer to the Rio Markers guidance note for more information, examples and instructions)

**UNCCD**

**3**

**UNFCCC adaptation**

**2**

**UNFCCC mitigation**

**2**

**CBD**

**2**

---

**Strategic objectives**

Indicate which strategic objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

- 1
- 2
- 3
- 4

---

### **Operational objectives**

Indicate which operational objective of the UNCCD 10-Year Strategy is addressed by the Programme/Project

- 1
- 2
- 3
- 4

---

### **Programme/Project Objectives**

Indicate the objectives pursued by the Programme/Project, as specified in the related documentation, choosing from the list of purpose codes provided in document (add Quick Reference Guide document title and reference code (please see footnotes above). The OECD list of purpose is also available at the following link : [http://www.oecd.org/document/21/0,3343,en\\_2649\\_34447\\_1914325\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/21/0,3343,en_2649_34447_1914325_1_1_1_1,00.html).

**No answer provided**

---

### **Programme/Project Components**

#### **Programme/Project Components**

**Indicate the specific Programme/Project components, if known, as specified in the related documentation.**

**Note: This information should be taken into account in the computation of performance indicator no.**

**CONS-O-18.**

**Arc GIS Programme**

**Disaster Risk Management**

**Survey**

**Capacity Development**

**Awareness**

**Training**

**Currency, Amount**

**Indicate the currency denomination (e.g. EUR, USD, YEN, etc.)**

**Indicate the amount allocated to each Programme/Project component (numeric field. Do not use abbreviations, symbols or decimals)**

**200000 Tonga Pa'anga**

**Rio Marker for desertification**

**Assign the appropriate Rio Marker for desertification to each Programme/Project component (refer to the [Rio Markers guidance note](#) for more information, examples and instructions)**

**3**

**Relevant Activity Codes (RACs)**

**Indicate all the Relevant Activity Codes (RACs) that may apply to the Programme/Project components (refer to the [RACs guidance note](#) for more information, examples and instructions)**

**No answer provided**

---

### **Expected or achieved results**

Provide information on the results achieved or expected from the implementation of the Programme/Project (max 100 words).

- **Arc Gis Programme used by Min. lands capacity development in the area of GIS and Mapping, Survey minimise risk - diaster management**



---

**Sources of information**

Specify the sources used to extract the information provided above (add as many rows as necessary). If reporting online, you may also upload relevant documents.

- **project document**
  - annual report**
  - project report**
  - interview**

**Attachments:**

none

# Additional Information

## F. 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**

**Provide an estimate of the amount invested from your country's national budget into the UNCCD reporting process.**

**20000 Tonga Pa'anga**

---

### **Human resources**

How many people were involved in your country in the UNCCD reporting process?

Number of people

**3**

**Estimate the total number of person/day dedicated by these persons to the UNCCD reporting process:**

Number of person/day

**2**

---

### **Knowledge**

Could your country count on sufficient technical and scientific knowledge to meet UNCCD reporting obligations?

**Yes**

---

### **Coordination**

Was coordination with the relevant implementing agencies satisfactory in order to apply for necessary funds?

**Yes**

**Was coordination at the national level with the relevant line ministries satisfactory in order to comprehensively and coherently report?**

**Yes**

---

### **Participation and consultation**

Was a participatory or consultative approach applied to involve all relevant stakeholders in the reporting process?

**Yes**

---

***Validation meeting***

Was a validation meeting held as a tool to integrate stakeholders in the reporting process?

**Yes**

---

***Subregional and regional processes***

Did your country actively contribute to the subregional and regional reporting processes?

**Yes**

---

***PRAIS portal***

If you are reporting online, did you receive sufficient training on access and utilization of the PRAIS portal?

**Yes**

## Accommodation of specific requests within COP decisions

---

### **Report on specific COP requests – iterative process on indicators**

Decision 13/COP.9, paragraphs 2, 3 and 24, envisages an iterative process to refine the set of performance indicators provisionally adopted by the same decision. As a tool to implement this iterative process, affected country Parties can provide here their suggestions and recommendations for improvement.

Tick the cells only when you have experienced difficulties in reporting on one, or more, indicator(s). Indicate against which of the e-SMART criteria the indicator(s) needs to be improved.

	<b>economic</b>	<b>Specific</b>	<b>Measurable</b>	<b>Achievable</b>	<b>Relevant</b>	<b>Time-bound</b>
CONS-O-1			X			
CONS-O-3				X		
CONS-O-4			X			
CONS-O-5			X			
CONS-O-7			X			
CONS-O-8					X	
CONS-O-9					X	
CONS-O-10						
CONS-O-11						
CONS-O-13						
CONS-O-14						
CONS-O-16						
CONS-O-17						
CONS-O-18						

## Reporting on the implementation of NAP

---

*Which is the percentage of activities included in the NAP that are currently implemented?*

31-60%

---

### Human resources

---

*Lessons learnt (report on the 2 most important only)*

1

lack number of human resources at national level

2

lack capacity

---

*Problems, constraints and bottlenecks currently faced by your country (report on the 2 most important only)*

1

financial resources

2

national priority

---

### Financial resources

---

*Lessons learnt (report on the 2 most important only)*

1

financial resources are required at national level

2

capacity needed

---

*Problems, constraints and bottlenecks currently faced by your country (report on the 2 most important only)*

1

lack of resources

2

lack of government contribution and allocation for UNCCD issues at national level

## 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.*

**Category**

Funding/resource mobilization

**Other (specify) (max 30 words)**

**No answer provided**

**Narrative description**

**No answer provided**

# Best Practices

## G. Best practices

According to decision 13/COP.9, Annex V, UNCCD best practices shall be collected according to seven themes: 1. SLM technologies, including adaptation; 2. Capacity building and awareness raising; 3. DLDD and SLM monitoring and assessment/research; 4. Knowledge management and decision support; 5. Policy, legislative, institutional framework; 6. Funding/resource mobilization; 7. Participation, collaboration and networking.

While themes 2 to 7 represent different elements of the enabling environment needed for the implementation and dissemination/up-scaling of sustainable land management (SLM) technologies (indirect impact), theme 1 comprises all actions on the ground that have a direct impact on desertification, land degradation and drought mitigation.

In particular, as specified in document ICCD/CRIC(8)/5/Add.5, paragraph 12, theme 1 'SLM technologies, including adaptation' refers to SLM technologies that directly contribute to the prevention, mitigation and rehabilitation of desertification and land degradation on cropland, grazing land and woodland, with the aim of improving the livelihoods of affected populations and conserving ecosystem services. Successful implementation of SLM technologies is the base for achieving strategic objectives 1, 2 and 3 of The Strategy. Theme 1 also integrates five of the strategic areas defined by decision 8/COP.4, namely: (a) sustainable land use management, including water, soil and vegetation in affected areas; (b) sustainable use and management of rangelands; (c) development of sustainable agricultural and ranching production systems; (d) development of new and renewable energy sources; and (e) launching of reforestation/afforestation programmes/ intensification of soil conservation programmes.

ICCD/CRIC(8)/5/Add.5 provides definitions for 'practice', 'good practice' and 'best practice'. These definitions are included in the common glossary that shall be referred to by Parties and other reporting entities while reporting to UNCCD, according to decision 13/COP.9, paragraph 8.

The template for reporting is based on the general structure for the documentation of best practices contained in ICCD/CRIC(8)/5/Add.5, paragraphs 40 to 43; it is tailored to the documentation of best practices related to theme 1 'SLM technologies, including adaptation'.

## Best Practice #1 — Arc GIS application Survey using GPS and total station GeoSource Database hazard modelling resource assessment

---

### Property rights

Clarify if the technology described in the template, or a part of it, is covered by property rights:

**Yes**

**If yes, please provide relevant information on the holder of the rights.  
(max 100 words)**

land management - holders exclusive right for land  
resources - individual right to resources in a particular land areas  
genetic resources/traditional knowledge right  
copyright

---

### Section 1. Context of the best practice: frame conditions (natural and human environment)

---

#### Title of the best practice

Arc GIS application  
Survey using GPS and total station  
GeoSource Database  
hazard modelling  
resource assessment

---

**Location (if available, also include a map)**

the whole of Tonga island

**Attachments:**

none

---

***If the location has well defined boundaries, specify its extension in hectares***

Hectares (ha)

**649**

---

***Estimated population living in the location***

Number of people

**100000**

---

***Prevailing land use within the specified location***

- Human settlement

***Other (specify) (max 30 words)***

all of the above

---

***Brief description of the natural environment within the specified location***

Climate: (max 50 words)

tropic with mean temperature of 25 degree celcius. summer and winter seasons. wettest months January and February. Mean annual rainfall 1800mm. trade wind is south easterly wind.

Soil: (max 50 words)

mainly volcanic ash from 20,000-50,000 years old. soil type determine by younger ash in different locations.

Topography: (max 50 words)

mostly flat except for high island in the northern parts of Tonga. few volcanic islands with height of 30m. 1m high mostly experience by the rest of Tonga

---

***Prevailing socio-economic conditions of those living in the location and/or nearby***

Income level: (max 50 words)

this is for the whole of tonga. from the king to the poorest person in Tonga

***Main income sources: (max 50 words)***

government and farmers, fishermen

***Land tenure and land use rights: (max 50 words)***

lands belongs to estate - king, nobles, and government. people may request for land from the 3 three estates mention above. people can register land include lease.

---

***Short description of the best practice***

max 250 words

Arc Gis is a new gis mapping pakage. full picture of mapping information in Tonga and all characteristics as far as resources are concerned could be applied. for example most vulnerable areas for drought could be identified using this arc gis.

---

***On the basis of which criteria and/or indicator(s) (not related to The Strategy) the proposed practice and corresponding technology has been considered as 'best'?***

max 100 words

**new technology**

---

**Section 2. Problems addressed (direct and indirect causes) and objectives of the best practice**



---

**With respect to DLDD, the best practice directly contributes to:**

- **Adaptation**
- 

**Main problems addressed by the best practice**

(max 50 words)

- **maintenance of the equipment  
purchasing equipment**
- 

**Outline specific land degradation problems addressed by the best practice**

max 100 words

**identification of drought areas, eroded sites and areas with low soil fertility**

---

**Specify the objectives of the best practice**

(max 50 words)

- **Build comprehensive GEOsource for TOnga  
develop strong institutional cooperation to improve understanding and management of hazards, land and offshore resources and environment**
- 

### **Section 3. Activities**

---

**Brief description of main activities, by objective**

Objective 1

(max 50 words)

- **control points and bench mark  
high resolution digital elevation model  
coastal bathymetry  
land parcels  
infrastructure data  
arc gis training  
survey training using GPS and total station**

**Objective 2**

(max 50 words)

**No answer provided**

**Objective 3**

(max 50 words)

**No answer provided**

**Objective 4**

(max 50 words)

**No answer provided**

---

**Short description of the technology**

max 250 words

**GEO Source Tonga is a GIS Base topographical mapping system that uses the new GPS-based geodetic datum and survey coordinates**

---

**Technical specifications of the technology - if any**

max 250 words

**Section 4. Institutions/actors involved (collaboration, participation, role of stakeholders)**

---

***Name and address of the institution developing the technology***

**Name**

landcare

**Address**

**No answer provided**

---

***Was the technology developed in partnership?***

Yes

***If yes, list the partners:***

- Beca international
  - GNS Science Limited
- 

***Specify the framework within which the technology was promoted***

- International initiative

***Other (specify) (max 30 words)***

**No answer provided**

---

***Was the participation of local stakeholders, including CSOs, fostered in the development of the technology***

Yes

***If yes, list local stakeholders involved:***

- Private Sectors in engineering and mapping work
- 

***For the stakeholders listed above, specify their role in the design, introduction, use and maintenance of the technology, if any.***

max 250 words

capacity development with the introduction of the technology  
training with the usage of the technology

---

***Was the population living in the location and/or nearby involved in the development of the technology?***

No

***If yes, by means of what?***

**No answer provided**

***Other (specify) (max 30 words)***

**No answer provided**

---

**Section 5. Contribution to impact**

---

***Specify to which strategic objectives of The Strategy the technology contributes***

(more than one box can be ticked)

- 1. To improve the living conditions of affected population
- 2. To improve the conditions of affected ecosystems
- 3. To generate global benefits through effective implementation of the UNCCD

---

**Describe on-site impacts (the major two impacts by category)**

Production or productivity:

1. (max 50 words)  
easier production of maps using the new technology
2. (max 50 words)  
accuracy and timely with the production of maps

**Socio-economic level (including cultural level):**

1. (max 50 words)  
easier access to quality map of tax and town allotment
2. (max 50 words)  
cheaper

**Environmental level:**

1. (max 50 words)  
environmental vulnerable areas determine and access. forest coverage, coastal mapping for erosion, climate change vulnerability sites
2. (max 50 words)  
topography

**Other (specify)**

1. (max 50 words)  
No answer provided
2. (max 50 words)  
No answer provided

---

**Describe the major two off-site (i.e. not occurring in the location but in the surrounding areas) impacts**

1. (max 50 words)  
this program for the whole of Tonga. project could impact the whole of the country
2. (max 50 words)  
No answer provided

---

**Impact on biodiversity and climate change**

In your opinion does the best practice/technology you have proposed positively impact on biodiversity conservation?

Yes

**Explain the reasons:**

max 250 words

mapping of biodiversity coverage such as forest coverage, national parks and reserves, marine reserves,  
SMA  
rare species on map

**In your opinion does the best practice/technology you have proposed positively impact on climate change mitigation?**

Yes

**Explain the reasons:**

max 250 words

put vulnerable climate change site of the map  
forest coverage  
tree planting areas

***In your opinion does the best practice/technology you have proposed positively impact on climate change adaptation?***

**Yes**

***Explain the reasons:***

max 250 words

**identify vulnerable sites and identify adaptation measures  
coastal erosion and adaptation option identification**

---

***Has a cost-benefit analysis been carried out?***

**No**

***If yes, summarize its main conclusions:***

max 250 words

**No answer provided**

---

## **Section 6. Connection to other UNCCD themes**

---

***Specify if the technology relates to one or more of the other UNCCD themes***

- **Capacity-building and awareness-raising**
  - **DLDD and SLM monitoring and assessment/research**
  - **Knowledge management and decision support**
- 

## **Section 7. Adoption and replicability**

---

***Was the technology disseminated/introduced to other locations?***

**No**

***If yes, where? (add as many rows as necessary)***

Location:

**No answer provided**

---

***Were incentives to facilitate the take up of the technology provided?***

**Yes**

***If yes, specify which type of incentives***

- **Financial incentives (for example, preferential rates, State aid, subsidies, cash grants, loan guarantees, etc)**
  - **Fiscal incentives (for example, exemption from or reduction of taxes, duties, fees, etc)**
- 

***Can you identify the three main conditions that led to the success of the presented best practice/technology?***

Examples of conditions leading to success may include: highly motivated local governments, farmers organized into well structured cooperatives, extremely favorable weather conditions, etc. For each 'condition of success' you are able to identify, specify whether in your opinion such condition is: (a) linked to the local context and thus cannot be replicated elsewhere; (b) replicable elsewhere with some level of adaptation; (c) replicable elsewhere with major adaptation.

1. (max 50 words)

**highly motivated local government and private sector  
replicable elsewhere with some level of adaptation**

2. (max 50 words)

highly motivated team of experts and project management unit.  
replicable elsewhere with some level of adaptation

3. (max 50 words)

user friendly program  
replicable elsewhere with some level of adaptation

---

*In your opinion, the best practice/technology you have proposed can be replicated, although with some level of adaptation, elsewhere?*

Yes

*If yes, at which level?*

- National
  - Subregional
  - Regional
  - International
- 

## Section 8. Lessons learned

---

### *Related to human resources*

(max 50 words)

- capacity development  
build up expertise  
contribute to human resource development
- 

### *Related to financial aspects*

(max 50 words)

- cheaper and user friendly  
revenue collection
- 

### *Related to technical aspects*

(max 50 words)

- more advance and up-to-date piece of technology

## Best Practice #2 — Mulch, Screen and Irrigation Technology~~~

---

### ***Property rights***

Clarify if the technology described in the template, or a part of it, is covered by property rights:

**Yes**

***If yes, please provide relevant information on the holder of the rights.***

***(max 100 words)***

**Farmers have exclusive rights for their crops and vegetables. Most of them also have right for tax allotments (own registered land or and land owners).**

---

### **Section 1. Context of the best practice: frame conditions (natural and human environment)**

---

#### ***Title of the best practice***

**Mulch, Screen and Irrigation Technology**

---

#### ***Location (if available, also include a map)***

**All of Tonga**

#### **Attachments:**

none

---

#### ***If the location has well defined boundaries, specify its extension in hectares***

Hectares (ha)

**100**

---

#### ***Estimated population living in the location***

Number of people

**100000**

---

#### ***Prevailing land use within the specified location***

- **Cropland**

#### ***Other (specify) (max 30 words)***

**vegetable gardens**

---

#### ***Brief description of the natural environment within the specified location***

Climate: (max 50 words)

**tropics with average temperature of 25 degree celcius. Annual Rainfall between 1800 - 2000 mm. summer and winter seasons. wettest month January and February**

#### ***Soil: (max 50 words)***

**volcanic ash orientated from 20000-50000 years old. soil type depend on ash age.**

#### ***Topography: (max 50 words)***

**mainly flat coralline. northern parts are high with few volcanic islands.**

---

#### ***Prevailing socio-economic conditions of those living in the location and/or nearby***

Income level: (max 50 words)

**range from 2000 TOP \$ a month to less than a 100 TOP**

#### ***Main income sources: (max 50 words)***

**farmers and small scale fishermen. some work for the government and private sectors. remedy from overseas as one source of income earn**

**Land tenure and land use rights: (max 50 words)**

government land and private land ownership.

---

**Short description of the best practice**

max 250 words

during the drought season, crops and vegetables require water and soil moisture. Drip irrigation, vegetable mulch and screen technologies provide sufficient water and soil moisture throughout the year for crops and vegetables. its simple and effective where production improved a lot.

---

**On the basis of which criteria and/or indicator(s) (not related to The Strategy) the proposed practice and corresponding technology has been considered as 'best'?**

max 100 words

production improved during drought season which is unusual.

---

## **Section 2. Problems addressed (direct and indirect causes) and objectives of the best practice**

---

**With respect to DLDD, the best practice directly contributes to:**

- Mitigation
  - Adaptation
- 

**Main problems addressed by the best practice**

(max 50 words)

- Crops and vegetable poor growth and production during drought season.
- 

**Outline specific land degradation problems addressed by the best practice**

max 100 words

Water resources scarcity and long drought season. Vegetables require water to grow and bucket irrigation system provide sufficient water for plants to grow and production improve.

---

**Specify the objectives of the best practice**

(max 50 words)

- To improve crops and vegetables production during the drought season
- 

## **Section 3. Activities**

---

**Brief description of main activities, by objective**

Objective 1

(max 50 words)

- Mulch vegetable technology to improve growth and keep soil moisture. • Vegetative Mulch technology: reduce the soil temperature (carrots, Irish potatoes, etc.), conserve soil moisture and suppress weeds.

**Objective 2**

(max 50 words)

- Drip irrigation - bucket water with necessary pipes are extended to crops and vegetables to keep them access to moisture soil. Drip irrigation technology, to supplement the rainfall in ensuring un-interrupted optimum soil moisture conditions.

**Objective 3**

(max 50 words)

- To introduce Screen Technology to assist with growth of the seedlings. The screen technology: reduces

the amount of direct sunlight necessary for the initial growth transplanted seedlings of the vegetables;  
enhance the fruit-set of tomatoes, capsicu

**Objective 4**

(max 50 words)

**No answer provided**

---

**Short description of the technology**

max 250 words

To promote favourable growing conditions against the hot humid climate of this period, the use of the vegetative mulch, screen house and drip irrigation technologies are highly recommended for the production of the off-season vegetables.

- Vegetative Mulch technology: reduce the soil temperature (carrots, Irish potatoes, etc.), conserve soil moisture and suppress weeds.
- The screen technology: reduces the amount of direct sunlight necessary for the initial growth transplanted seedlings of the vegetables; enhance the fruit-set of tomatoes, capsicum, etc., by reducing the impact of the rainfall
- Drip irrigation technology, to supplement the rainfall in ensuring un-interrupted optimum soil moisture conditions.

Both technologies are recommended for the production of vegetable during the December to May period

---

**Technical specifications of the technology - if any**

max 250 words

N/A

---

**Section 4. Institutions/actors involved (collaboration, participation, role of stakeholders)**

---

**Name and address of the institution developing the technology**

**Name**

SPC, FAO and the Ministry of Agriculture, Food and Forestry

**Address**

**No answer provided**

---

**Was the technology developed in partnership?**

Yes

**If yes, list the partners:**

- MAFF
  - SPC
  - FAO
- 

**Specify the framework within which the technology was promoted**

- National initiative – government-led

**Other (specify) (max 30 words)**

International and Regional organisations (SPC and FAO)

---

**Was the participation of local stakeholders, including CSOs, fostered in the development of the technology**

Yes

**If yes, list local stakeholders involved:**

- Students and Private sectors



---

*For the stakeholders listed above, specify their role in the design, introduction, use and maintenance of the technology, if any.*

max 250 words

**Awareness and introduction of the technology to farmers and community at large**

---

*Was the population living in the location and/or nearby involved in the development of the technology?*

**Yes**

*If yes, by means of what?*

- Participatory approaches

*Other (specify) (max 30 words)*

**No answer provided**

---

## **Section 5. Contribution to impact**

---

*Specify to which strategic objectives of The Strategy the technology contributes*

(more than one box can be ticked)

- 1. To improve the living conditions of affected population
  - 2. To improve the conditions of affected ecosystems
  - 3. To generate global benefits through effective implementation of the UNCCD
- 

*Describe on-site impacts (the major two impacts by category)*

Production or productivity:

1. (max 50 words)

**improve production all year round.**

2. (max 50 words)

**simple and efficiency. not high tech but user friendly and everyone could use.**

*Socio-economic level (including cultural level):*

1. (max 50 words)

**improve and more revenue collected. community access to vegetables all year including cultural function.  
decrease import of vegetables from overseas.**

2. (max 50 words)

**No answer provided**

*Environmental level:*

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

*Other (specify)*

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

---

*Describe the major two off-site (i.e. not occurring in the location but in the surrounding areas) impacts*

1. (max 50 words)

same as the onsite as technology have been transferred to nearby site

2. (max 50 words)

No answer provided

---

***Impact on biodiversity and climate change***

In your opinion does the best practice/technology you have proposed positively impact on biodiversity conservation?

Yes

***Explain the reasons:***

max 250 words

maintain biodiversity from threaten and also contribute as an adaptation option especially with crops affected as impact of climate change. less ans less rainfall in the future so the introduction of such technologies will help crops withstand

***In your opinion does the best practice/technology you have proposed positively impact on climate change mitigation?***

No answer provided

***Explain the reasons:***

max 250 words

No answer provided

***In your opinion does the best practice/technology you have proposed positively impact on climate change adaptation?***

No answer provided

***Explain the reasons:***

max 250 words

No answer provided

---

***Has a cost-benefit analysis been carried out?***

No

***If yes, summarize its main conclusions:***

max 250 words

No answer provided

---

**Section 6. Connection to other UNCCD themes**

---

***Specify if the technology relates to one or more of the other UNCCD themes***

- Capacity-building and awareness-raising
  - DLDD and SLM monitoring and assessment/research
  - Knowledge management and decision support
  - Funding/resource mobilization
  - Participation, collaboration and networking
- 

**Section 7. Adoption and replicability**

---

***Was the technology disseminated/introduced to other locations?***

Yes

***If yes, where? (add as many rows as necessary)***

Location:

- Outer island Groups in TONGA
- 

***Were incentives to facilitate the take up of the technology provided?***

No

***If yes, specify which type of incentives***

**No answer provided**

---

***Can you identify the three main conditions that led to the success of the presented best practice/technology?***

Examples of conditions leading to success may include: highly motivated local governments, farmers organized into well structured cooperatives, extremely favorable weather conditions, etc. For each 'condition of success' you are able to identify, specify whether in your opinion such condition is: (a) linked to the local context and thus cannot be replicated elsewhere; (b) replicable elsewhere with some level of adaptation; (c) replicable elsewhere with major adaptation.

1. (max 50 words)

**Highly motivated local government. replicable elsewhere with some level of adaptation**

2. (max 50 words)

**Highly motivated farmers and community at large. replicable elsewhere with some level of adaptation**

3. (max 50 words)

**availability of funding to assist farmers. replicable elsewhere with some level of adaptation.**

---

***In your opinion, the best practice/technology you have proposed can be replicated, although with some level of adaptation, elsewhere?***

Yes

***If yes, at which level?***

- Local
  - National
  - Regional
- 

## **Section 8. Lessons learned**

---

***Related to human resources***

(max 50 words)

- Human resources development both government staff and community at large including other stakeholders and farmers. Such development include capacity, technological know how and expertise.
- 

***Related to financial aspects***

(max 50 words)

- Improve crop and vegetable productions by using of the best practice may have an impact on the finance site. Increase in production, increase income from the marketing of the crops and vegetables
- 

***Related to technical aspects***

(max 50 words)

- Simple and user friendly technology which could make big difference as far as farmers are concern. Low tech but effective which might have big different in the result.

## Best Practice #3

---

### ***Property rights***

Clarify if the technology described in the template, or a part of it, is covered by property rights:

Yes

***If yes, please provide relevant information on the holder of the rights.***

***(max 100 words)***

**No answer provided**

---

## Section 1. Context of the best practice: frame conditions (natural and human environment)

---

### ***Title of the best practice***

**No answer provided**

Question marked as 'No answer'.

***Location (if available, also include a map)***

**No answer provided**

**Attachments:**

none

---

***If the location has well defined boundaries, specify its extension in hectares***

Hectares (ha)

**No answer provided**

---

***Estimated population living in the location***

Number of people

**No answer provided**

---

***Prevailing land use within the specified location***

**No answer provided**

***Other (specify) (max 30 words)***

**No answer provided**

---

***Brief description of the natural environment within the specified location***

Climate: (max 50 words)

**No answer provided**

***Soil: (max 50 words)***

**No answer provided**

***Topography: (max 50 words)***

**No answer provided**

---

***Prevailing socio-economic conditions of those living in the location and/or nearby***

Income level: (max 50 words)

**No answer provided**

***Main income sources: (max 50 words)***

**No answer provided**

***Land tenure and land use rights: (max 50 words)***

**No answer provided**

---

**Short description of the best practice**

max 250 words

**No answer provided**

---

**On the basis of which criteria and/or indicator(s) (not related to The Strategy) the proposed practice and corresponding technology has been considered as 'best'?**

max 100 words

**No answer provided**

---

**Section 2. Problems addressed (direct and indirect causes) and objectives of the best practice**

---

**With respect to DLDD, the best practice directly contributes to:**

**No answer provided**

---

Question marked as 'No answer'.

**Main problems addressed by the best practice**

(max 50 words)

**No answer provided**

---

**Outline specific land degradation problems addressed by the best practice**

max 100 words

**No answer provided**

---

Question marked as 'No answer'.

**Specify the objectives of the best practice**

(max 50 words)

**No answer provided**

---

**Section 3. Activities**

---

**Brief description of main activities, by objective**

**Objective 1**

(max 50 words)

**No answer provided**

**Objective 2**

(max 50 words)

**No answer provided**

**Objective 3**

(max 50 words)

**No answer provided**

**Objective 4**

(max 50 words)

**No answer provided**

---

**Short description of the technology**

max 250 words

**No answer provided**

---

**Technical specifications of the technology - if any**

max 250 words

**No answer provided**

---

**Section 4. Institutions/actors involved (collaboration, participation, role of stakeholders)**

---

**Name and address of the institution developing the technology**

**No answer provided**

---

**Was the technology developed in partnership?**

**No answer provided**

**If yes, list the partners:**

**No answer provided**

---

**Specify the framework within which the technology was promoted**

**No answer provided**

**Other (specify) (max 30 words)**

**No answer provided**

---

**Was the participation of local stakeholders, including CSOs, fostered in the development of the technology**

**No answer provided**

**If yes, list local stakeholders involved:**

**No answer provided**

---

**For the stakeholders listed above, specify their role in the design, introduction, use and maintenance of the technology, if any.**

max 250 words

**No answer provided**

---

**Was the population living in the location and/or nearby involved in the development of the technology?**

**No answer provided**

**If yes, by means of what?**

**No answer provided**

**Other (specify) (max 30 words)**

**No answer provided**

---

**Section 5. Contribution to impact**

---

**Specify to which strategic objectives of The Strategy the technology contributes**

(more than one box can be ticked)

**No answer provided**

---

**Describe on-site impacts (the major two impacts by category)**

Production or productivity:

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

**Socio-economic level (including cultural level):**

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

**Environmental level:**

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

**Other (specify)**

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

---

**Describe the major two off-site (i.e. not occurring in the location but in the surrounding areas) impacts**

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

---

**Impact on biodiversity and climate change**

In your opinion does the best practice/technology you have proposed positively impact on biodiversity conservation?

**No answer provided**

**Explain the reasons:**

max 250 words

**No answer provided**

**In your opinion does the best practice/technology you have proposed positively impact on climate change mitigation?**

**No answer provided**

**Explain the reasons:**

max 250 words

**No answer provided**

**In your opinion does the best practice/technology you have proposed positively impact on climate change adaptation?**

**No answer provided**

**Explain the reasons:**

max 250 words

**No answer provided**

---

**Has a cost-benefit analysis been carried out?**

**No answer provided**

***If yes, summarize its main conclusions:***

max 250 words

**No answer provided**

---

## **Section 6. Connection to other UNCCD themes**

---

***Specify if the technology relates to one or more of the other UNCCD themes***

**No answer provided**

---

## **Section 7. Adoption and replicability**

---

***Was the technology disseminated/introduced to other locations?***

**No answer provided**

***If yes, where? (add as many rows as necessary)***

Location:

**No answer provided**

---

***Were incentives to facilitate the take up of the technology provided?***

**No answer provided**

***If yes, specify which type of incentives***

**No answer provided**

---

***Can you identify the three main conditions that led to the success of the presented best practice/technology?***

Examples of conditions leading to success may include: highly motivated local governments, farmers organized into well structured cooperatives, extremely favorable weather conditions, etc. For each 'condition of success' you are able to identify, specify whether in your opinion such condition is: (a) linked to the local context and thus cannot be replicated elsewhere; (b) replicable elsewhere with some level of adaptation; (c) replicable elsewhere with major adaptation.

1. (max 50 words)

**No answer provided**

2. (max 50 words)

**No answer provided**

3. (max 50 words)

**No answer provided**

---

***In your opinion, the best practice/technology you have proposed can be replicated, although with some level of adaptation, elsewhere?***

**No answer provided**

***If yes, at which level?***

**No answer provided**

---

## **Section 8. Lessons learned**

---

***Related to human resources***

(max 50 words)



**No answer provided**

---

***Related to financial aspects***

(max 50 words)

**No answer provided**

---

***Related to technical aspects***

(max 50 words)

**No answer provided**

# Submission Form

Submission Form	
Name of the Reporting Officer *	Mr Lisiata Bloomfield
Date of Submission *	11/16/2010 4:03:38 AM
Signature	
Name of the Authorizing Officer	Asipeli Palaki
Date of Authorization	12/11/2010
Signature	

