

# **United Nations Convention to Combat Desertification**

**Performance Review and Assessment of Implementation System**

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

**Report for Ecuador**

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## General Information Section

GENERAL INFORMATION ON THE REPORTING ENTITY	
Reporting country *	Ecuador
Name and surname of the person submitting the report *	Tony Fabián Zuñiga Suárez
Affiliation and contact details *	tzuniga@ambiente.gov.ec

# 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	47	3934
2009	68	250
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	1270000	700000	250000
	Civil society organizations	25000	25000	25000
	Science and technology institutions	78	78	78
2009	Public at Large	1405000	770000	275000
	Civil society organizations	27500	27500	27500
	Science and technology institutions	78	78	78
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.

- **1. INFORMES TÉCNICOS FINALES ORGANIZACIONES GUBERNAMENTALES Y NO GUBERNAMENTALES**
- **2. MEMORIAS Y DOCUMENTOS MINISTERIO DEL AMBIENTE: DASÍ, DR7, DNF, WEB PAGE.**
- **3. REPORTES DE LOS PRINCIPALES DIARIOS DEL PAÍS, ARTICULOS Y REPORTES TÉCNICOS: INTERNET.**
- **4. INVENTARIOS DE ORGANIZACIONES NO GUBERNAMENTALES REGISTRADAS EN EL PAÍS**
- **5. TALLERES NACIONAL Y REGIONAL COORDINADOS POR EL PFN Y STC DE LA UNCCD**
- **6. COMUNICACIÓN ELECTRÓNICAS CON ORGANIZACIONES LOCALES, REGIONALES Y NACIONALES.**
- **7. ENTREVISTAS A REPRESENTANTES DE ONG'S QUE TRABAJAN EN LOS TEMAS (PERSONALMENTE Y EN LINEA)**
- **8. INFORMACIONES RECIBIDAS DE CONSULTAS DE LOS MINISTERIOS PARTICIPANTES E INVOLUCRADOS, TALLERES NACIONALES Y REGIONALES**
- **9. REPORTAJES ON LINE DE INSTITUCIONES DEL ECUADOR**
- **10. MANUALES TÉCNICOS DE INSTITUCIONES EDUCATIVAS DEL ECUADOR DESDE LA WEB PAGE**
- **11. REPORTES DE AGENCIAS IMPLEMENTADORAS Y/O DONANTES INTERNACIONALES QUE HAN FINANCIADO PROYECTOS EN LAS ZONAS SECAS DEL ECUADOR**
- **12. INFORMACIÓN REMITIDA POR LA SENPLADES**
- **13. ORGANIZACIONES PARTICIPANTES EN EL TALLER REGIONAL EN LOJA OCTUBRE 2010: CINFA DE LA UNIVERSIDAD NACIONAL DE LOJA, FUPOCS, FENACLE, MINISTERIO DE AGRICULTURA, MINISTERIO DEL AMBIENTE, H. CONSEJO PROVINCIAL DE LOJA, FUNDATIERRA, ARCOIRIS, FUNDACION NATURALEZA & DESARROLLO, CATAMAYO CHIRA.**
- **14. INFORMACIÓN REMITIDA POR EL EQUIPO CONSULTOR DE LA ESTRATEGIA FINANCIERA**

**Attachments:**

none

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**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 =

**10 %**

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**Qualitative assessment**

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

**No**

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**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	20	20
2009	20	20
2010		
2011		
2012		

2013		
2014		
2015		
2016		
2017		
2018		

**Sources of information**

Programme and project sheets (PPSs) submitted to UNCCD

No answer required

**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	
X	Other		X	

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

**Fortalecimiento de las capacidades técnicas de las instituciones del estado y de la sociedad civil en acciones relacionadas a la protección de los recursos naturales y biodiversidad.**

**Reasons for decreasing for CSOs**

		Not important	Important	Very important
X	Costly participatory processes			X
X	Low organizational, fund-raising and project management capacity of CSOs			X



X	Government policies and/or the legal environment do not foster the engagement of CSOs			X
X	Diminishing funding			X
X	Other			X

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

**Control y manejo de las iniciativas manejadas por las ONG´s por parte de la entidad rectora del ambiente en el Ecuador**

**Reasons for decreasing for STIs**

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

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

**Reducción de personal técnico y/o reubicación e otras instituciones con diferente fin**

**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*

**Number of DLDD-related initiatives undertaken**

Year	Number of DLDD-related initiatives undertaken by CSOs formal education	Number of DLDD-related initiatives undertaken by CSOs non-formal education	Number of DLDD-related initiatives undertaken by STIs formal education	Number of DLDD-related initiatives undertaken by STIs non-formal education
2008	5	2	1	0
2009	5	2	1	0
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.

- **1. Entrevistas virtuales, vía correo electrónico y telefónica, con las organizaciones gubernamentales y no gubernamentales que trabajan y han trabajado en el tema desde que el Ecuador es signatario de la Convención (1995)**

**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)

		Not important	Important	Very important
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	
X	Other	X		

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

**Oportunidades de becas totales para la profesionalización a nivel de posgrado por parte de Organismos Internacionales; Convenios entre instancias educativas con el Senplades y Senacyt.**

**Reasons for decreasing for CSOs**

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

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

**Las organizaciones se manejan en base al oportunismo del momento, por la carencia de recursos económicos propios y las limitadas opciones para acceder a fondos**

**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
X	Other			X

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

**Carencia y/o insuficiencia fondos o incentivos para la generación e innovación de tecnología apropiada, recuperación de tecnologías tradicionales y espacios para su implementación.**

## 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/ revised 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?**

**No**

**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
X	Not a priority for the government			X
X	Lack of capacities			X
X	Lack of financial resources			

X	Understaffing			X
X	Lack of time			X
X	Poor internal coordination among relevant ministries			X
	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?

Yes

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

Yes

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

Yes

**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?**

Yes

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

Yes

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

Yes

**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.

- **1.Experiencia técnica y profesional del Punto Focal Técnico y Punto Focal Científica, por su participación en los procesos PAND desde su formulación e implementación (en proceso), a nivel nacional e internacional**
- **2.Entrevistas con informantes claves de las organizaciones participantes e involucradas desde que el Ecuador es signatario de la Convención (1995) y en vigencia activa en las acciones que se desarrolla en la lucha contra la desertificación y mitigación de la sequia**
- **3. Revisión del PAND Ecuador e Informes Nacionales I, II, III**
- **4. Memorias Técnicas y aportes de las organizaciones participantes en el Taller Nacional y Regional de Consulta Octubre 2010**
- **5. Memoria técnica de la Dirección de Asuntos Internacionales del Ministerio del Ambiente - Convenios Internacionales, indicadores de desempeño.**
- **6. Información remitida por la SENPLADES, en relación a proyectos desarrollados en zonas consideradas piloto para el desarrollo de iniciativas para la lucha contra la desertificación y la sequia**
- **7. Aportes digitales de organizaciones como: FUPOCS, FENACLE, MINISTERIO DE AGRICULTURA, MINISTERIO DEL AMBIENTE, H. CONSEJO PROVINCIAL DE LOJA, FUNDATIERRA, ARCOIRIS, FUNDACION NATURALEZA & DESARROLLO, CATAMAYO CHIRA, ECOCIENCIA, UNL, UTPL**
- **8. Información remitida por el Equipo Técnico Consultor de la Estrategia Financiera en el Ecuador.**
- **9. Informe de inversiones en el Ecuador, remitido por el Punto Focal Técnico Nacional.**

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

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

**Capacity Building**

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

	<b>Not</b>	<b>Important</b>	<b>Very</b>
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		important	Important
X	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		
	Other		

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

**No answer provided**

## 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*

**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**
- **Identification of sectors and policies that could benefit from synergies and cooperation**

- Review of plans and policies to enhance cooperation
- Enhancement of the institutional and scientific capacity of relevant stakeholders as well as of their awareness
- Other

*Other (specify) (max 30 words)*

Manejo sostenible de áreas protegidas, creación de áreas de conservación y bosques y vegetación protectoras, bionegocios, reforestación con especies nativas, investigación en adaptabilidad de especies, alerta temprana para prevención de desastres en especial por el fenómeno del niño, fortalecimiento

---

*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)*

- Carry out of periodic meetings between focal points and focal point teams
- Establishment of a national coordinating committee for implementation of the three Rio Conventions
- Other

*Other (specify) (max 30 words)*

Grupo Nacional de Trabajo en Biodiversidad, Grupos de trabajo de Paramos, Grupo de Puntos Focales en la Lucha contra la Desertificación y la Sequia del MAE, Grupo Nacional de Trabajo en Desertificación.

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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.

- 1. Revisión y análisis de los informes nacionales en relación a la implementación de las Convenciones de CCC, CDB y CCD.
- 2. Revisión y Análisis de las Memorias Técnicas de los Eventos Dialogos País, sinergia de la CCD, CDB, CCC.
- 3. Recopilación y análisis de los informes de proyectos desarrollados en el período 2008 - 2009
- 4. Revisión de los Documentos Estrategias Nacionales de la tres convenciones
- 5. Revisión de los procesos de autoevaluación de las capacidades de las tres convenciones, información proporcionada por el MAE, Planta Central

**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?

2010-11

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

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

**Centralismo y ONG's acaparadoras de procesos y en otros casos responden a iniciativas privadas.**

## 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*

---

***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).***

- **1. Sistema del Comité de Operaciones Emergentes**
- 

### ***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.

- **Informes del COE recopilados vía internet.**
- **Información revisada sobre los estudios del fenómeno del niño.**

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

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

Hasta hace no más de 5 años el tema no tenía apoyo del gobierno, no era política de Estado

**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
By means of national resources			
By means of external support			
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.

---

**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

---

**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*

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**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**

**DARWINNET**

**Internet Link**

**www.darwinnet.org**

**Estimated number of users per year**

**30000**

## Operational Objective 4: Capacity building

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### 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.*

---

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

#### **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	0	
2009	0	
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 (specify) (max 30 words)**

**No answer provided**

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

Yes

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

Yes

---

**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.

- 1. Ministerio del Ambiente, Normativas Ambientales

**Attachments:**

none

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**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

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

**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?**

**Yes**

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

**01/04/2010**

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

Is your integrated investment framework based on the NAP?

**Yes**

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

- **GM**

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

**No answer provided**

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

- **Technical support**
- **Financial support**
- **Capacity building**

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

**Yes**

**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?

Yes

### 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.

- 1. Plan de Trabajo para el diseño de la estrategia financiera integrada para la implementación de la CNULD en el Ecuador, entre el Ministerio de Ambiente y el Mecanismo Mundial de la CNULD

### 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	
X	Lack of coordination among those providing support	X		
X	National, bilateral and multilateral resources are too diverse; cannot be realistically coordinated under one umbrella.	X		
X	Other		X	

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

Falta de enfoque integral (productivo/ambiental ) de la degradación de la tierra impide ver las inversiones como tal y no como costos.

## 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

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**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

**Fairly adequate**

**Timeliness of bilateral assistance**

**Fairly timely**

**Predictability of bilateral assistance**

**Not predictable**

**Provide narrative justification on your above rating (max 100 words)**

**Se está diseñando una Estrategia Financiera Integrada que permitirá fortalecer el asesoramiento bilateral, fomentando que este sea adecuado, oportuno y previsible**

---

**Qualitative assessment**

Did you receive assistance in raising resources from bilateral donors?

**Yes**

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

- GM

**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**

---

**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*

Information contained in the PPSs and SFAs submitted to UNCCD.

*Data sources (indicative only)*

PPSs and SFAs submitted to UNCCD as part of the reporting exercise.

The PPS requires specification of the project 'status' thus it allows the identification of relevant projects to be considered by this indicator and the monitoring of their approval status.

The SFA requires the specification of amounts committed to approved projects.

Check the glossary for

'PPS', 'SFA', 'Project proposals', 'currency', 'Successfully submitted proposals'

*Overall target*

A steady growth in the number of DLDD-related successfully submitted project proposals is recorded along the implementation period of The Strategy.

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

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

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

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

**Amount of funds raised, by biennium**

You can find the amount of funds raised for the ongoing projects in the corresponding SFAs. Sum these amounts and give the total in the below table.

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

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

**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		
X	Major natural hazards occurred at the national level considerably increased the level of resources made available by the international community	X		
X	Access to funding is increasingly facilitated by third parties such as the private sector	X		
X	Existence of a financing strategy (IFS or others)		X	
	Other			

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

**No answer provided**

**Reasons for decreasing**

		Not important	Important	Very Important
X	Financing opportunities are not publicised enough, lack of access to necessary information			X
X	Complicated application procedures, the level of complexity being worsened by the different requirements of the various donors		X	
X	Limited financial resources are made available for DLDD-related programmes/projects, and lack of DLDD-specific allocations within donors' portfolio.		X	
	Other			

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

**No answer provided**

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**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.*

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

***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	---	---
2009		
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.

- 1.Ministerio de ambiente
- 2.Mecanismo Mundial

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



X	Access facilitated by the spreading of IT	X	
X	More appropriate technologies available	X	
X	Appropriateness of government incentives	X	
X	Other	X	

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

Se está diseñando una estrategia de microfinanzas para la implementación de la CNULD, que viene acompañado por un servicios de transferencia de tecnología par a pequeños productores. La estrategia se diseña con el ministerio de ambiente y el programa nacional de microfinanzas, con el apoyo del mecan

**Reasons for decreasing**

		Not important	Important	Very Important
X	Technology sustainability is poor; technologies do not represent viable investments	X		
X	Lack of fixed infrastructure for accessing technologies (those created on an ad hoc basis disappear once the support ends)	X		
X	Lack of capacities for operation and maintenance of technologies		X	
X	Lack of enabling policy and regulatory environments		X	
	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 — Programa Nacional de Albarradas: Cosecha Alternativa de Agua para la Soberanía Alimentaria

---

### 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

- **Ecuador - Central Government Institutions**

### Other

- **MINISTERIO DE AGRICULTURA, GANADERÍA, ACUACULTURA Y PESCA - MAGAP**
- **MINISTERIO DEL AMBIENTE DEL ECUADOR**

---

### Funding Organization

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

- **Ecuador - Central Government Institutions**

### Other

- **MINISTERIO DE AGRICULTURA, GANADERÍA, ACUACULTURA Y PESCA - MAGAP**

**Name of activity funded**

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

**Programa Nacional de Albarradas: Cosecha Alternativa de Agua para la Soberanía Alimentaria**

---

Question marked as 'No answer'.

**Identification code**

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

**No answer provided**

---

**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

- Americas
  - South America
  - Ecuador
- 

**Recipient Organization(s)**

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

- Ecuador - Central Government Institutions
- 

**Other**

- MINISTERIO DE AGRICULTURA, GANADERÍA, ACUACULTURA Y PESCA - MAGAP. DIRECCIONES REGIONALES Y/O PROVINCIALES EN LA ZONA DEL PROYECTO.
- 

**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

- Ministerio de Agricultura, Ganadería, Acuacultura y Pesca – MAGAP
  - Organizaciones Territoriales de Base de cada provincia, cantón, comunidad y/o barrio en la zona de influencia del proyecto.
  - Gobiernos Cantonales de las provincias involucradas dentro de la zona del proyecto.
- 

**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)

**20/11/2009**

---

**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

**14517828 US Dollar**

---

**Type of funding**

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

**Sectoral Budget Support**

---

**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)

**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

**20/05/2011**

---

**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)

**19**

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**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)

**1**

---

**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.

- **5 Emergency Response**
  - **5.1 Financial/Economic Relief**
  - **5.2 Land Reclamation and/or Rehabilitation**
  - **5.4 Other Production Systems Rescue**
  - **5.7 Reconstruction of Water Management Systems and Infrastructure**
  - **4 Mitigation and Recovery**
  - **4.1 Mitigation/Recovery**
  - **4.1.2 Drought mitigation**
  - **4.1.3 Environment Restoration**
  - **4.1.6 Water delivery**
  - **4.1.1 Adaptation to climate change**
  - **1 Monitoring and Research**
  - **1.2 Knowledge, Science and Technology**
  - **1.2.1 Traditional Knowledge and Best Practices**
  - **1.2.2 Bio-physical Research and Science**
  - **1.2.3 Science and Technology**
  - **1.2.4 Socio-Economic Research and Science**
- 

**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.

- **1. SECRETARIA NACIONAL DE PLANIFICACIÓN Y DESARROLLO - SENPLADES**
- **2. Ministerio de Agricultura, Ganadería, Acuacultura y Pesca – MAGAP**

**Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

**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**

- UNIVERSIDAD NACIONAL DE LOJA, CENTRO INTEGRADO DE GEOMÁTICA AMBIENTAL -CINFA
- 

**Funding Organization**

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

- Spanish International Cooperation Agency
- Belgium - Embassies, Consulates, etc.
- Ecuador - Central Government Institutions
- Germany - Embassies, Consulates, etc.
- Food and Agriculture Organization of the United Nations
- United Nations Convention on Biological Diversity
- United Nations Convention to Combat Desertification
- United Nations Educational, Scientific, and Cultural Organization
- United Nations Environment Programme
- United Nations Framework Convention on Climate Change

**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

**SISTEMAS DE INFORMACIÓN GEOGRÁFICA, GENERACIÓN DE CARTOGRAFÍA, MODELAMIENTOS, CATASTROS.**

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Question marked as 'No answer'.

**Identification code**

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

**No answer provided**

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**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

- Americas
  - South America
  - Ecuador
- 

**Recipient Organization(s)**

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

- National University

**Other**

- UNIVERSIDADES DEL ECUADOR
- MINISTERIO DEL AMBIENTE DEL ECUADOR
- MINISTERIO DE AGRICULTURA, GANADERÍA, ACUACULTURA Y PESCA - MAGAP

- ORGANIZACIONES GUBERNAMENTALES Y NO GUBERNAMENTALES DEL ECUADOR (NCI, ARCOIRIS, FUNDATIERRA, ECOCIENCIA, COSV-CATER, NATURALEZA Y DESARROLLO, FACES,ETC)
  - GOBIERNOS PROVINCIALES Y LOCALES DEL ECUADOR
  - PROYECTOS DE INTEGRACIÓN BINACIONAL CON PERÚ Y COLOMBIA
- 

***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

- **Universidad Nacional de Loja, Centro de Geomática Ambiental - CINFA.**
- 

***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)

**01/01/2008**

---

***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

**2000000 US Dollar**

---

***Type of funding***

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

**General Budget Support**

---

***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)

**01/01/2008**

---

***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

**31/12/2010**

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***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**

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***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)

**1**

---

***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.

- **1 Monitoring and Research**
- **1.1 Monitoring**
- **1.2 Knowledge, Science and Technology**
- **1.2.1 Traditional Knowledge and Best Practices**

- 1.2.2 Bio-physical Research and Science
  - 1.2.3 Science and Technology
  - 1.2.4 Socio-Economic Research and Science
  - 3 Resource Management
  - 3.2 Natural Resource Management
  - 3.2.2 Biodiversity Conservation
  - 3.2.3 Forest/Scrub Management
  - 3.2.6 Land Conservation
  - 3.2.7 Water Conservation
  - 3.2.8 Sustainable Land Management
  - 4 Mitigation and Recovery
  - 4.1 Mitigation/Recovery
  - 4.1.1 Adaptation to climate change
  - 4.1.2 Drought mitigation
  - 4.1.3 Environment Restoration
  - 4.1.4 Waste Management
  - 4.1.5 Wastewater Management
  - 4.1.6 Water delivery
  - 4.1.7 Water reclamation and reuse
- 

#### ***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.

- **Taller Regional en la ciudad de Loja, sur del Ecuador, Octubre 2010**
- **Informes recibidos del CINFA**

#### **Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

# Financial Commitment #3 — REACTIVACIÓN ECONÓMICA DE LAS PARROQUIAS EL AIRO Y SAN ANTONIO DE LAS ARADAS EN LOS CANTONES ESPÍNDOLA Y QUILANGA, PROVINCIA DE LOJA~~~

---

## 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

- **Fundación Agroecológica Amigos de la Tierra - FUNDATIERRA**
- 

## Funding Organization

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

**No answer provided**

## Other

- **FONDO ITALO ECUATORIANO - FIE**
  - **FUNDACIÓN AGROECOLÓGICA AMIGOS DE LA TIERRA - FUNDATIERRA**
- 

## Name of activity funded

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

**REACTIVACIÓN ECONÓMICA DE LAS PARROQUIAS EL AIRO Y SAN ANTONIO DE LAS ARADAS EN LOS CANTONES ESPÍNDOLA Y QUILANGA, PROVINCIA DE LOJA**

---

## Identification code

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

**FIE-07-52**

---

## 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

- **Americas**
  - **South America**
  - **Ecuador**
- 

## 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

- **1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO**
  - **2. Productores de la Parroquia de san Antonio de Las Aradas**
  - **3. Asociación de productores y comercializadores de café "El Colmenar"**
- 

## 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

- **APY Solidaridad (España)**
  - **IGCH(Perú)**
  - **Fundación Agroecológica Amigos de la Tierra FUNDATIERRA (Ecuador)**
- 

**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)

**01/01/2008**

---

***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

**341253 US Dollar**

---

***Type of funding***

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

**Debt Swap**

---

***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)

**03/11/2008**

---

***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

**31/12/2010**

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***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**

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***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)

**1**

---

***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.

- **3 Resource Management**
- **3.1 Production Systems**
- **3.2 Natural Resource Management**
- **3.2.8 Sustainable Land Management**
- **2 Capacity Development and Planning**
- **2.2 Enabling Activities**
- **2.2.1 Capacity-Building**
- **2.2.11 Services and Infrastructure**
- **2.2.12 Social Development**
- **2.2.2 Community Development**
- **2.2.5 Integrated Financing Strategies**
- **2.2.8 Partnership Building**
- **2.2.9 Project Development**

---

**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.

- **1. TALLER REGIONAL DEL IV INFORME NACIONAL, Loja Octubre 2010**
- **2. INFORMACIÓN REMITIDA POR LA FUNDACIÓN AGROECOLÓGICA AMIGOS DE LA TIERRA - FUNDATIERRA**

**Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

# Financial Commitment #4 — Nuevas capacidades productivas e impulso a políticas de desarrollo sostenible con actores sociales e institucionales de la Cuenca Catamayo - Chira

---

## 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

- **Fundación Agroecológica Amigos de la Tierra FUNDATIERRA**
- 

## Funding Organization

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

- **Spanish International Cooperation Agency**

## Other

- **Fondo de Contravalor Italo Ecuatoriano - FIE, Proyecto Binacional Catamayo Chira**
  - **Agencia española de Cooperación para el Desarrollo AECID**
  - **Proyecto Binacional Catamayo Chira**
- 

## Name of activity funded

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

**Nuevas capacidades productivas e impulso a políticas de desarrollo sostenible con actores sociales e institucionales de la Cuenca Catamayo - Chira**

Question marked as 'No answer'.

## Identification code

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

**No answer provided**

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## 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

- **Americas**
  - **South America**
  - **Ecuador**
  - **Peru**
- 

## 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

- **1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO**
  - **2. Productores de la Parroquia de san Antonio de Las Aradas**
  - **3. Asociación de productores y comercializadores de café "El Colmenar"**
- 

## 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

- **APY Solidaridad (España)**
- **IGCH (Perú)**
- **Fundación Agroecológica Amigos de la Tierra**

**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)

**01/09/2009**

---

**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

**560595 US Dollar**

---

**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)

**01/09/2009**

---

**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

**31/03/2011**

---

**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)

**20**

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**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)

**1**

---

**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.

- **1 Monitoring and Research**
- **1.2 Knowledge, Science and Technology**
- **1.2.1 Traditional Knowledge and Best Practices**
- **1.2.2 Bio-physical Research and Science**
- **1.2.3 Science and Technology**
- **1.2.4 Socio-Economic Research and Science**
- **2 Capacity Development and Planning**
- **2.1 Advocacy and Awareness Raising**
- **2.2 Enabling Activities**
- **2.2.1 Capacity-Building**
- **2.2.10 Resource Management Planning**
- **2.2.11 Services and Infrastructure**

- 2.2.12 Social Development
- 2.2.13 Resource Mobilization
- 2.2.2 Community Development
- 2.2.3 Drivers and Incentives
- 2.2.4 Action Programmes
- 2.2.5 Integrated Financing Strategies
- 2.2.6 Governance and Legislation
- 3 Resource Management
- 3.1 Production Systems
- 3.1.1 Agriculture
- 3.1.2 Forestry
- 3.1.4 Other Production Systems
- 3.1.5 Production Support
- 3.2 Natural Resource Management
- 3.2.2 Biodiversity Conservation
- 3.2.3 Forest/Scrub Management
- 3.2.4 Other Resource Conservation
- 3.2.6 Land Conservation
- 3.2.7 Water Conservation
- 3.2.8 Sustainable Land Management
- 5 Emergency Response
- 5.2 Land Reclamation and/or Rehabilitation
- 5.4 Other Production Systems Rescue
- 5.7 Reconstruction of Water Management Systems and Infrastructure

***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.

- TALLER REGIONAL DEL IV INFORME NACIONAL DE DESERTIFICACIÓN, LOJA OCTUBRE 2010
- INFORME REMITIDO POR FUNDATIERRA

**Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

# Financial Commitment #5 — 1.Fortalecimiento de la agricultura sostenible; 2. Produciendo sano para el autoconsumo y la comercializacion en la provincia de Loja; 3. Proyecto sembrando agua en el canton Paltas

---

## 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

- **Federacion Unitaria Provincial de Organizaciones Campesinas y Populares del Sur (FUPOPCS)**
- 

## Funding Organization

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

**No answer provided**

## Other

- **Federacion Unitaria Provincial de Organizaciones Campesinas y Populares de Sur (FUPOPCS)**
  - **Ilustre Municipio del Cantón Paltas**
  - **Organización Internacional Pan para el Mundo**
  - **Gobierno Central del Ecuador a través del programa Prolocal**
  - **Universidad Nacionalo de Loja**
  - **Heifer Internacional**
  - **COMUNIDEC (organización comunitaria del Ecuador)**
- 

## Name of activity funded

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

**1.Fortalecimiento de la agricultura sostenible; 2. Produciendo sano para el autoconsumo y la comercializacion en la provincia de Loja; 3. Proyecto sembrando agua en el canton Paltas**

Question marked as 'No answer'.

## Identification code

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

**No answer provided**

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## 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

- **Americas**
  - **South America**
  - **Ecuador**
- 

## 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

- **1. Federacion Unitaria Provincial de Organizaciones Campesinas y Populares de Sur (FUPOPCS)**
  - **2. ACSA. Asociacion de comunidades sembrando agua, filial de la FUPOPCS**
- 

## 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

***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)

**01/01/2008**

---

***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

**1300000 US Dollar**

---

***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)

**01/01/2008**

---

***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

**31/12/2010**

---

***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)

**36**

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***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**

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***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.

- **3 Resource Management**
- **3.1 Production Systems**
- **3.1.1 Agriculture**
- **3.1.2 Forestry**
- **3.1.3 Livestock Systems**
- **3.1.4 Other Production Systems**
- **3.1.5 Production Support**
- **3.2 Natural Resource Management**
- **3.2.1 Air and Climate Protection**
- **3.2.2 Biodiversity Conservation**
- **3.2.3 Forest/Scrub Management**

- 3.2.4 Other Resource Conservation
  - 3.2.5 Pasture and Range Management
  - 3.2.6 Land Conservation
  - 3.2.7 Water Conservation
  - 3.2.8 Sustainable Land Management
  - 5 Emergency Response
  - 5.1 Financial/Economic Relief
  - 5.2 Land Reclamation and/or Rehabilitation
  - 5.3 Livestock Health/Relocation/Rescue
  - 5.4 Other Production Systems Rescue
  - 5.5 Pest Eradication/Crop Rescue
  - 5.6 Population Health/Relocation/Rescue
  - 5.7 Reconstruction of Water Management Systems and Infrastructure
  - 4 Mitigation and Recovery
  - 4.1 Mitigation/Recovery
  - 4.1.1 Adaptation to climate change
  - 4.1.2 Drought mitigation
  - 4.1.3 Environment Restoration
  - 4.1.4 Waste Management
  - 4.1.5 Wastewater Management
  - 4.1.6 Water delivery
  - 4.1.7 Water reclamation and reuse
- 

#### ***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.

- 1. Taller Regional elaboración del IV Informe Nacional, realizado en Loja en Octubre del 2010
- 2. Informe remitido por la FUPOCPS

#### **Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf



# Financial Commitment #6 — ENCADENAMIENTOS PRODUCTIVOS Y FORTALECIMIENTO DE LAS CAPACIDADES DE LAS ORGANIZACIONES CAMPESINAS ADSCRITAS A LA FENACLE

---

## 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

- LA FEDERACION DE TRABAJADORES CAMPESINOS AGROINDUSTRIALES E INDIGENAS LIBRES DEL ECUADOR- FENACLE
- 

## Funding Organization

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

- Ecuador - Central Government Institutions

## Other

- ISCOD - ESPAÑA (INSTITUTO SINDICAL DE COOPERACIÓN AL DESARROLLO)
- 

## Name of activity funded

Enter the name or title of the activity, project, programme, organization or initiative funded with this financial commitment  
**ENCADENAMIENTOS PRODUCTIVOS Y FORTALECIMIENTO DE LAS CAPACIDADES DE LAS ORGANIZACIONES CAMPESINAS ADSCRITAS A LA FENACLE**

---

Question marked as 'No answer'.

## Identification code

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

**No answer provided**

---

## 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

- Americas
  - South America
  - Ecuador
- 

## 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

- LA FEDERACION DE TRABAJADORES CAMPESINOS AGROINDUSTRIALES E INDIGENAS LIBRES DEL ECUADOR- FENACLE (360000 TRABAJADORES DEL ECUADOR)
  - EN SINERGIA CON GOBIERNOS PROVINCIALES DE LA REPUBLICA DEL ECUADOR
  - EN SINERGIA CON GOBIERNOS LOCALES DE LOS CANTONES DE LAS PROVINCIAS DEL ECUADOR
  - CON ORGANIZACIONES CAMPESINAS ADSCRITAS A LA FENACLE A NIVEL NACIONAL
- 

## 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

- LA FEDERACION DE TRABAJADORES CAMPESINOS AGROINDUSTRIALES E INDIGENAS LIBRES DEL ECUADOR- FENACLE
- GOBIERNOS PROVINCIALES DEL ECUADOR

- UNIVERSIDADES DEL ECUADOR
  - ORGANIZACIONES CAMPESINAS ADSCRITAS A LA FENACLE
- 

**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)

**01/01/2008**

---

**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

**4000000 US Dollar**

---

**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)

**01/01/2008**

---

**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

**30/12/2011**

---

**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**

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**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.

- **2 Capacity Development and Planning**
- **2.1 Advocacy and Awareness Raising**
- **2.1.1 Public Awareness Campaigns**
- **2.1.2 Publications and communication material**
- **2.1.3 Consultative platforms**
- **2.1.4 Education**
- **2.1.5 Synergies**
- **2.2 Enabling Activities**
- **2.2.1 Capacity-Building**
- **2.2.10 Resource Management Planning**

- 2.2.12 Social Development
  - 2.2.13 Resource Mobilization
  - 2.2.2 Community Development
  - 2.2.3 Drivers and Incentives
  - 2.2.4 Action Programmes
  - 2.2.5 Integrated Financing Strategies
  - 2.2.6 Governance and Legislation
  - 3 Resource Management
  - 3.1 Production Systems
  - 3.1.1 Agriculture
  - 3.1.4 Other Production Systems
  - 3.1.5 Production Support
  - 5 Emergency Response
  - 5.1 Financial/Economic Relief
- 

### ***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.

- **Información recibida en el Taller Regional para la elaboración del IV Informe Nacional.**
- **Información remitida por la FENACLE**

### **Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

**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**

- UNIVERSIDAD NACIONAL DE LOJA
- 

**Funding Organization**

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

**No answer provided**

**Other**

- European Commission
- 

**Name of activity funded**

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

**AGROFORESTERIA Y MANEJO DE AGUA EN ZONAS ÁRIDAS Y SEMIÁRIDAS DE LATINOAMÉRICA - WAFLA**

Question marked as 'No answer'.

**Identification code**

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

**No answer provided**

---

**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

- Americas
  - South America
  - Central America
  - Mexico
  - Ecuador
  - Bolivia (Plurinational State of)
  - Paraguay
  - Peru
  - Venezuela (Bolivarian Republic of)
  - Argentina
- 

**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**

- INSTITUCIONES DE INVESTIGACIÓN Y/O INSTANCIAS DE EDUCACIÓN SUPERIOR EN EL ECUADOR
- 

**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

- UNIVERSIDAD NACIONAL DE LOJA - ECUADOR

**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)

**02/10/2006**

---

**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

**No answer provided**

---

**Type of funding**

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

**Associated Financing**

---

**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)

**02/10/2006**

---

**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

**31/03/2009**

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**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)

**30**

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**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.

- **1 Monitoring and Research**
  - **1.2.1 Traditional Knowledge and Best Practices**
  - **1.2.2 Bio-physical Research and Science**
  - **1.2.3 Science and Technology**
  - **1.2.4 Socio-Economic Research and Science**
- **2 Capacity Development and Planning**
  - **2.2 Enabling Activities**
    - **2.2.10 Resource Management Planning**
    - **2.2.13 Resource Mobilization**
    - **2.2.2 Community Development**
- **3 Resource Management**
  - **3.1 Production Systems**

- **3.1.1 Agriculture**
  - **3.1.2 Forestry**
  - **3.1.3 Livestock Systems**
  - **3.1.4 Other Production Systems**
  - **3.1.5 Production Support**
  - **3.2 Natural Resource Management**
  - **3.2.2 Biodiversity Conservation**
  - **3.2.3 Forest/Scrub Management**
  - **3.2.4 Other Resource Conservation**
  - **3.2.6 Land Conservation**
  - **3.2.7 Water Conservation**
  - **3.2.8 Sustainable Land 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.

- **WEB PAGE DE LA UNIVERSIDAD NACIONAL DE LOJA**
- **ENTREVISTA CON EL REPRESENTANTE Y LOS TÉCNICOS DEL PROYECTO EN LA CIUDAD DE LOJA.**

### **Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

# Financial Commitment #8 — GESTION CONCERTADA PARA EL CONTROL DE LA DESERTIFICACIÓN Y LA REGENERACIÓN DEL BOSQUE SECO EN LOS CANTONES ZAPOTILLO Y MACARÁ

---

## 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

- UNIVERSIDAD NACIONAL DE LOJA, CENTRO ANDINO DE TECNOLOGÍA RURAL - CATER
- 

## Funding Organization

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

**No answer provided**

## Other

- UNION EUROPEA
  - SOLIDARIETA ITALIANA NEL MONDO - COSV
- 

## Name of activity funded

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

**GESTION CONCERTADA PARA EL CONTROL DE LA DESERTIFICACIÓN Y LA REGENERACIÓN DEL BOSQUE SECO EN LOS CANTONES ZAPOTILLO Y MACARÁ**

Question marked as 'No answer'.

## Identification code

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

**No answer provided**

---

## 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

- Americas
  - South America
  - Ecuador
- 

## 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

- UNIVERSIDAD NACIONAL DE LOJA, CENTRO ANDINO DE TECNOLOGÍA RURAL - CATER
- 

## 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

- CENTRO ANDINO DE TECNOLOGÍA RURAL - CATER
  - SOLIDARIETA ITALIANA NEL MONDO - COSV
- 

## 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)

**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

**5000000 US Dollar**

---

**Type of funding**

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

**Debt Swap**

---

**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)

**03/01/2005**

---

**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

**31/12/2009**

---

**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.

- **3 Resource Management**
- **3.2 Natural Resource Management**
- **3.2.2 Biodiversity Conservation**
- **3.2.3 Forest/Scrub Management**
- **3.2.4 Other Resource Conservation**
- **3.2.5 Pasture and Range Management**
- **3.2.6 Land Conservation**
- **3.2.7 Water Conservation**
- **3.2.8 Sustainable Land Management**
- **3.1 Production Systems**
- **3.1.1 Agriculture**
- **3.1.2 Forestry**
- **3.1.3 Livestock Systems**
- **3.1.4 Other Production Systems**
- **3.1.5 Production Support**
- **4 Mitigation and Recovery**



- 4.1 Mitigation/Recovery
  - 4.1.1 Adaptation to climate change
  - 4.1.2 Drought mitigation
  - 4.1.3 Environment Restoration
  - 4.1.7 Water reclamation and reuse
- 5 Emergency Response
  - 5.1 Financial/Economic Relief
  - 5.2 Land Reclamation and/or Rehabilitation
  - 5.3 Livestock Health/Relocation/Rescue
  - 5.8 Reforestation/Afforestation
- 2 Capacity Development and Planning
  - 2.1 Advocacy and Awareness Raising
    - 2.1.1 Public Awareness Campaigns
    - 2.1.2 Publications and communication material
    - 2.1.3 Consultative platforms
    - 2.1.4 Education
    - 2.1.5 Synergies
  - 2.2 Enabling Activities
    - 2.2.1 Capacity-Building
    - 2.2.10 Resource Management Planning
    - 2.2.11 Services and Infrastructure
    - 2.2.12 Social Development
    - 2.2.13 Resource Mobilization
  - 2.2.2 Community Development
    - 2.2.3 Drivers and Incentives
    - 2.2.4 Action Programmes
    - 2.2.5 Integrated Financing Strategies
  - 2.2.9 Project Development
- 1 Monitoring and Research
  - 1.2 Knowledge, Science and Technology
    - 1.2.1 Traditional Knowledge and Best Practices
    - 1.2.3 Science and Technology

***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.

- **ENTREVISTAS CON LOS TECNICOS DEL PROYECTO COSV - CATER EN ZAPOTILLO**

**Attachments:**

- SENPLADES 100 albarrada 08.06.10.pdf

# 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 — Cosecha Alternativa de Agua para la Soberanía Alimentaria (Programa Nacional de Albarradas)**

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### **Title**

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

**Cosecha Alternativa de Agua para la Soberanía Alimentaria (Programa Nacional de Albarradas)**

---

### **Organization(s)**

Enter the full name and acronym of the reporting organization

- **Ecuador - Central Government Institutions**

### **Other**

- **Ministerio de Agricultura, Ganadería, Acuacultura y Pesca – MAGAP**
- **SECRETARIA NACIONAL DE PLANIFICACIÓN Y DESARROLLO - SENPLADES**

**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.)

**Executing 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.

- **INAMHI, INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA**
  - **ORGANIZACIONES TERRITORIALES DE BASE LAS PROVINCIAS DEL CARCHI, IMBABURA, PICHINCHA, COTOPAXI, TUNGURAHUA, CHIMBORAZO, BOLIVAR, CAÑAR, AZUAY, LOJA, EL ORO, MORONA, MANABÍ.**
- 

**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

- **Americas**
  - **South America**
  - **Ecuador**
- 

**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

**350000 Hectares**

**Administrative Unit**

**Nivel Nacional**

---

**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

- **Pobladores de las localidades de la provincia de Carchi: El Angel\*, San Isidro, El Carmelo\* y Playón de San Francisco**
- **Pobladores de las localidades de la provincia de Imbabura: Natabuela, Inguincho\*, Mojanda-Cajas\*, Selva Alegre y García Moreno**
- **Pobladores de las localidades de la provincia de Pichincha: San Antonio de Pichincha, Calacalí, Nanegalito, Nono, Mindo, San Miguel de los Bancos, Zuleta\*, San Marcos\*, Olmedo\*, Aloag, Alluriquín y Tandapi**
- **Pobladores de las localidades de la provincia de Cotopoxi: Parque Nacional Cotopaxi\*, Pujilí, Pilaló, Quilotoa\* y Zumbahua\***
- **Pobladores de las localidades de la provincia de Tungurahua: Baños, Patate y Calamaca**
- **Pobladores de las localidades de la provincia de Chimborazo: Urbina\*, Pachamama\*, Ozogoché\*, Tixan\*, Pallatanga, San Juan, Alausí y Chunchi**
- **Pobladores de las localidades de la provincia de Cañar: El Tambo\*, Ingapirca y Cañar**
- **Pobladores de las localidades de la provincia de Azuay: Gualaceo, Paute, El Cajas\*, El Labrado\*, Molleturo, Nabón y Suscalpamba (via Cochancay - La Troncal)**
- **Pobladores de las localidades de la provincia de Bolívar: Gallo Rumi\*, San Juan, San Simón, San Pablo de**

Atenas y Chillanes,

- Pobladores de las localidades de la provincia de Loja: Pindal, Celica, Catacocha, Alamor, San Pedro La Bendita, La Toma, Oña, Susudel, Saraguro\*, San Lucas\*, Cariamanga, Sabanilla y Vilcabamba
- Pobladores de las localidades de la provincia de El Oro: Zaruma y Portovelo
- Pobladores de las localidades de la provincia de Manabí: Puerto Lopez, Jipijapa, El Carmen, La Crespa, Montecristi y La Pila, Cerro de hojas
- Pobladores de las localidades de la provincia de Morona: Gualaceo, Mendez, La Unión y Gualaquiza

---

### **Beneficiaries**

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

**3700000**

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Question marked as 'No answer'.

### **Identification Code**

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

**No answer provided**

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### **Status**

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

**Ongoing**

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### **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)

**20/11/2009**

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### **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)

**20/05/2011**

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

#### **Source**

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

**No answer provided**

#### **Other**

**No answer provided**

#### **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**

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### **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

**1**

**UNFCCC adaptation**

**2**

## **UNFCCC mitigation**

2

## **CBD**

1

---

### **Strategic objectives**

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

- 1
  - 2
- 

### **Operational objectives**

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

- 3
  - 4
  - 5
- 

### **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).

- 311 AGRICULTURE
  - 31140 Agricultural water resources
  - 31150 Agricultural inputs
  - 31161 Food crop production
  - 31194 Agricultural co-operatives
- 

### **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.**

1. Sistemas alternativos ancestrales y modernos de cosecha y almacenamiento de agua; 2. Estrategias de cobertura vegetal en y alrededor de las estructuras de cosecha y almacenamiento de agua a través de sistemas agroforestales; 3. Sistema Nacional de Investigación de cosecha alternativa de agua

**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)*

14517828 US Dollar

**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)*

1

**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)*

- 5 Emergency Response
- 5.1 Financial/Economic Relief
- 5.2 Land Reclamation and/or Rehabilitation

- 5.4 Other Production Systems Rescue
- 4 Mitigation and Recovery
- 4.1 Mitigation/Recovery
- 4.1.1 Adaptation to climate change
- 4.1.2 Drought mitigation
- 4.1.3 Environment Restoration
- 4.1.6 Water delivery
- 1 Monitoring and Research
- 1.2 Knowledge, Science and Technology
- 1.2.1 Traditional Knowledge and Best Practices
- 1.2.2 Bio-physical Research and Science
- 1.2.3 Science and Technology
- 1.2.4 Socio-Economic Research and Science

---

### ***Expected or achieved results***

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

- **Para Diciembre 2012, al menos 70 albarradas han sido recuperadas y están funcionando a nivel nacional.**
- **Para Diciembre 2012, al menos 5000 productores beneficiados de sistemas alternativos de cosecha de agua en la costa**
- **Para Diciembre 2012, al menos 20 sistemas alternativos de cosecha y almacenamiento de agua identificados y recuperados en Sierra y Amazonía**
- **Para Diciembre 2012, al menos 50 sistemas alternativos de cosecha de agua planificados en Sierra y Amazonía para intervención inmediata en 2013**
- **Para Diciembre 2012, al menos 5000 productores en y alrededor de las albarradas cuentan con sistemas agroforestales.**
- **Para Diciembre 2012, al menos 20000 metros lineales de plantaciones de protección de sistemas alternativos de cosecha de agua instaladas.**
- **Para Diciembre 2012, al menos 8 provincias y 18 cantones cuentan con sistemas alternativos de cosecha de agua y monitoreo identificados y priorizados para implementación inmediata.**

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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.

- **Ministerio de Agricultura, Ganadería, Acuicultura y Pesca – MAGAP**
- **Secretaría Nacional de Planificación y Desarrollo - SENPLADES**
- **Ministerio de Relaciones Exteriores**

### **Attachments:**

none

# Programme/Project #2 — SISTEMAS DE INFORMACIÓN GEOGRÁFICA; GENERACIÓN DE CARTOGRAFÍA; MODELAMIENTOS; CATASTROS

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## **Title**

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

**SISTEMAS DE INFORMACIÓN GEOGRÁFICA; GENERACIÓN DE CARTOGRAFÍA; MODELAMIENTOS; CATASTROS**

---

## **Organization(s)**

Enter the full name and acronym of the reporting organization

**No answer provided**

## **Other**

- **UNIVERSIDAD NACIONAL DE LOJA, CENTRO INTEGRADO DE GEOMÁTICA AMBIENTAL - CINFA**
- 

## **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.)

**Executing Agency**

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## **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.

- **UNIVERSIDAD NACIONAL DE LOJA**
  - **Centro de Levantamientos Integrados de Recursos Naturales por Sensores Remotos - CLIRSEN**
  - **Instituto Nacional de Meteorología e Hidrología - INAMHI**
  - **Gobiernos Provinciales y Gobiernos Locales**
- 

## **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

- **Americas**
  - **South America**
  - **Ecuador**
- 

## **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

**2700000 Hectares**

## **Administrative Unit**

**Nivel Nacional**

---

## **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

- **Gobiernos Provinciales del País**
- **Gobiernos Locales de la Región 7 del Ecuador y del país en general**
- **Organizaciones Gubernamentales: MAE, MAGAP, MIES, entre otros.**

- Organizaciones no Gubernamentales: Arcoiris, Fundatierra, FACES, NCI, Naturaleza y Desarrollo, entre otros.
- Instituciones de Educación Superior: UNL, UTPL, UTM.
- Mancomunidades de las Cuencas Hidrográficas: Catamayo Chira, Puyango Tumbes, Jubones.

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**Beneficiaries**

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

1400000

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Question marked as 'No answer'.

**Identification Code**

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

No answer provided

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**Status**

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

Ongoing

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**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)

01/01/2008

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**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)

31/12/2010

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**Programme/Project co-financing****Source**

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

- Spanish International Cooperation Agency
- Belgium - Embassies, Consulates, etc.
- Ecuador - Central Government Institutions
- Germany - Embassies, Consulates, etc.
- Food and Agriculture Organization of the United Nations
- United Nations Convention on Biological Diversity
- United Nations Convention to Combat Desertification
- United Nations Educational, Scientific, and Cultural Organization
- United Nations Environment Programme
- United Nations Framework Convention on Climate Change

**Other**

No answer provided

**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)*

1500000 US Dollar

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**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

1

**UNFCCC adaptation**

1

**UNFCCC mitigation**

1

**CBD**

2

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**Strategic objectives**

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

- 2

---

**Operational objectives**

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

- 1
- 3
- 5

---

**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).

- 110 EDUCATION
- 114 Post-secondary education
- 11420 Higher education
- 311 AGRICULTURE
- 31120 Agricultural development
- 31130 Agricultural land resources
- 31140 Agricultural water resources
- 31150 Agricultural inputs
- 31161 Food crop production
- 31162 Industrial crops/export crops
- 31164 Agrarian reform
- 31182 Agricultural research
- 920 SUPPORT TO NON- GOVERNMENTAL ORGANISATIONS (NGOs)
- 92010 Support to national NGOs
- 92020 Support to international NGOs
- 92030 Support to local and regional NGOs

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**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.

1. EDUCACIÓN; 2. GENERACIÓN E INNOVACIÓN TECNOLÓGICA; 3. SERVICIOS

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)*

2000000 US Dollar

*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)*

1

*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)*

- 1 Monitoring and Research
  - 1.1 Monitoring
  - 1.2 Knowledge, Science and Technology
    - 1.2.2 Bio-physical Research and Science
    - 1.2.3 Science and Technology
    - 1.2.4 Socio-Economic Research and Science
- 3 Resource Management
  - 3.2 Natural Resource Management
    - 3.2.2 Biodiversity Conservation
    - 3.2.3 Forest/Scrub Management
    - 3.2.6 Land Conservation
    - 3.2.7 Water Conservation
    - 3.2.8 Sustainable Land Management
- 4 Mitigation and Recovery
  - 4.1 Mitigation/Recovery
    - 4.1.1 Adaptation to climate change
    - 4.1.2 Drought mitigation
    - 4.1.3 Environment Restoration
    - 4.1.4 Waste Management
    - 4.1.5 Wastewater Management
    - 4.1.6 Water delivery
    - 4.1.7 Water reclamation and reuse

### ***Expected or achieved results***

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

- GENERADA CARTOGRAFÍA DE LA REGION 7 Y TODO EL PAÍS EN GENERAL
- MODELAMIENTOS GEOGRÁFICOS
- ESTUDIOS MULTITEMORALES DE CUENCAS HIDROGRÁFICAS

### ***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.

- INFORMACIÓN RECOPIADA EN EL TALLER REGIONAL PARA ELABORAR EL IV INFORME NACIONAL
- INFORMACIÓN ELECTRÓNICA REMITIDA POR EL CENTRO INTEGRADO DE GEOMÁTICA AMBIENTAL (UNIVERSIDAD NACIONAL DE LOJA)

**Attachments:**

none

# Programme/Project #3 — Reactivación económica de las Parroquias El Airo y San Antonio de Las Aradas, cantones Espíndola y Quilanga, Provincia de Loja~~~

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## **Title**

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

**Reactivación económica de las Parroquias El Airo y San Antonio de Las Aradas, cantones Espíndola y Quilanga, Provincia de Loja**

---

## **Organization(s)**

Enter the full name and acronym of the reporting organization

**No answer provided**

## **Other**

- **Fundación Agroecológica Amigos de la Tierra FUNDATIERRA**
- 

## **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.)

**Executing Agency**

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## **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.

- **1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO**
  - **2. Productores de la Parroquia de san Antonio de Las Aradas**
  - **3. Asociación de productores y comercializadores de café "El Colmenar"**
  - **4. Fondo de Contravalor Italo Ecuatoriano FIE**
  - **5. Instituto de Investigaciones Agropecuarias - INIAP**
- 

## **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

- **Americas**
  - **South America**
  - **Ecuador**
- 

## **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

**10250 Hectares**

## **Administrative Unit**

**Parroquia San Antonio de Las Aradas, Cantón Quilanga; Parroquias de El Airo y Santa Teresita, cantón Espíndola**

---

## **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

- **1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO**
- **2. Productores de la Parroquia de San Antonio de Las Aradas**

• 3. Asociación de productores y comercializadores de café "El Colmenar"

---

**Beneficiaries**

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

1250

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**Identification Code**

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

FIE-07-52

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**Status**

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

Ongoing

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**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)

03/11/2008

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**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)

31/03/2011

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**Programme/Project co-financing**

**Source**

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

**No answer provided**

**Other**

**No answer provided**

**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

1

**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

- 1
- 2

---

### **Operational objectives**

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

- 3
- 4
- 5

---

### **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).

- **311 AGRICULTURE**
- **31120 Agricultural development**
- **31150 Agricultural inputs**
- **31161 Food crop production**
- **31162 Industrial crops/export crops**
- **31191 Agricultural services**
- **31194 Agricultural co-operatives**

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### **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.**

1. PRODUCCIÓN
2. CREDITO
3. COMERCIALIZACIÓN

**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)*

341253 US Dollar

**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)*

1

**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)*

- **3 Resource Management**
- **3.1 Production Systems**
- **3.2 Natural Resource Management**
- **3.2.8 Sustainable Land Management**
- **2 Capacity Development and Planning**
- **2.2 Enabling Activities**
- **2.2.1 Capacity-Building**
- **2.2.11 Services and Infrastructure**

- **2.2.12 Social Development**
  - **2.2.5 Integrated Financing Strategies**
  - **2.2.8 Partnership Building**
  - **2.2.9 Project Development**
- 

### ***Expected or achieved results***

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

- **1. Sistemas de producción mejorados con prácticas agroecológicas incrementan su productividad.**
  - **2. Sistema de crédito agrícola implementado y funcionando.**
  - **3. Sistemas de comercialización de productos agroecológicos, definidos y funcionando.**
- 

### ***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.

- **INFORMACIÓN RECOPIADA EN EL TALLER REGIONAL DE ELABORACIÓN DEL IV INFORME NACIONAL, LOJA OCTUBRE 2010**
- **INFORMACIÓN REMITIDA DEL PROYECTO POR PARTE DE LA DIRECCIÓN EJECUTIVA DE FUNDATIERRA**

### **Attachments:**

none

# Programme/Project #4 — Nuevas capacidades productivas e impulso a políticas de desarrollo sostenible con actores sociales e institucionales de la Cuenca Catamayo - Chira

---

## **Title**

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

**Nuevas capacidades productivas e impulso a políticas de desarrollo sostenible con actores sociales e institucionales de la Cuenca Catamayo - Chira**

---

## **Organization(s)**

Enter the full name and acronym of the reporting organization

**No answer provided**

## **Other**

- **Fundación Agroecológica Amigos de la Tierra FUNDATIERRA**
- 

## **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.)

**Executing 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.

- **APY Solidaridad (España)**
  - **IGCH(Perú)**
  - **Fundación Ecológica Amigos de la Tierra - FUNDATIERRA (Ecuador)**
- 

## **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

- **Americas**
  - **South America**
  - **Ecuador**
  - **Peru**
- 

## **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

**200000 Hectares**

## **Administrative Unit**

**Cuenca Alta del Río Catamayo Chira**

---

## **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

- **1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO**
- **2. Productores de la Parroquia de san Antonio de Las Aradas**
- **3. Asociación de productores y comercializadores de café "El Colmenar"**

**Beneficiaries**

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

2500

Question marked as 'No answer'.

**Identification Code**

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

No answer provided

**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)

01/09/2009

**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)

31/03/2011

**Programme/Project co-financing****Source**

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

- Spanish International Cooperation Agency

**Other**

No answer provided

**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

1

UNFCCC adaptation

1

UNFCCC mitigation

1

CBD

1

**Strategic objectives**

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



- 1
- 2
- 4

---

### **Operational objectives**

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

- 2
- 3
- 5

---

### **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).

- **311 AGRICULTURE**
- **31110 Agricultural policy and administrative management**
- **31140 Agricultural water resources**
- **31120 Agricultural development**
- **31130 Agricultural land resources**
- **31150 Agricultural inputs**
- **31161 Food crop production**
- **31162 Industrial crops/export crops**
- **31182 Agricultural research**
- **920 SUPPORT TO NON- GOVERNMENTAL ORGANISATIONS (NGOs)**
- **92030 Support to local and regional NGOs**
- **92010 Support to national NGOs**
- **92020 Support to international NGOs**

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### **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.**

- 1. COORDINACIÓN INTERINSTITUCIONAL**
- 2. GENERACIÓN Y TRANSFERENCIA DE TECNOLOGIA PARA LA PRODUCCIÓN**
- 3. GESTION INTEGRAL DE SISTEMAS PRODUCTIVOS SUSTENTABLES**

**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)*

**560595 US Dollar**

**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)*

**1**

**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)*

- **1 Monitoring and Research**

- 1.2 Knowledge, Science and Technology
  - 1.2.1 Traditional Knowledge and Best Practices
  - 1.2.2 Bio-physical Research and Science
  - 1.2.3 Science and Technology
  - 1.2.4 Socio-Economic Research and Science
- 2 Capacity Development and Planning
  - 2.1 Advocacy and Awareness Raising
    - 2.1.1 Public Awareness Campaigns
    - 2.1.2 Publications and communication material
    - 2.1.5 Synergies
  - 2.2 Enabling Activities
    - 2.2.1 Capacity-Building
    - 2.2.10 Resource Management Planning
    - 2.2.11 Services and Infrastructure
    - 2.2.12 Social Development
    - 2.2.13 Resource Mobilization
  - 2.2 Community Development
    - 2.2.3 Drivers and Incentives
    - 2.2.4 Action Programmes
    - 2.2.5 Integrated Financing Strategies
    - 2.2.6 Governance and Legislation
    - 2.2.7 Mainstreaming
    - 2.2.8 Partnership Building
    - 2.2.9 Project Development
- 3 Resource Management
  - 3.1 Production Systems
    - 3.1.1 Agriculture
    - 3.1.2 Forestry
    - 3.1.4 Other Production Systems
    - 3.1.5 Production Support
  - 3.2 Natural Resource Management
    - 3.2.2 Biodiversity Conservation
    - 3.2.3 Forest/Scrub Management
    - 3.2.4 Other Resource Conservation
    - 3.2.6 Land Conservation
    - 3.2.7 Water Conservation
    - 3.2.8 Sustainable Land Management
- 5 Emergency Response
  - 5.2 Land Reclamation and/or Rehabilitation
  - 5.4 Other Production Systems Rescue
  - 5.7 Reconstruction of Water Management Systems and Infrastructure

### ***Expected or achieved results***

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

- 1. Organizaciones y gobiernos locales de las subcuencas Macará y Quiroz mejoran sus capacidades de autogestión y coordinación interinstitucional para un desarrollo sostenible tomando como modelo dos micro cuencas de importancia hídrica.
- 2. Familias de las sub cuencas Macará y Quiroz acceden a innovaciones tecnológicas, productivas y

organizacionales para producir, auto consumir y articularse a los mercados con un grupo de productos agro ecológicos.

- **3. Integración binacional Perú - Ecuador fortalecida mediante el intercambio de experiencias de buen gobierno y la gestión integral de sistemas productivos sustentables**
- 

**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.

- **INFORMACIÓN RECOPIADA EN EL TALLER REGIONAL DE ELABORACIÓN DEL IV INFORME NACIONAL**
- **INFORMACIÓN REMITIDA POR FUNDATIERRA, DOCUMENTOS DE PROYECTO**

**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?

**Yes**

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

**20000 US Dollar**

---

### **Human resources**

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

Number of people

**10**

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

Number of person/day

**300**

---

### **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						X
CONS-O-11				X		
CONS-O-13				X		
CONS-O-14					X	
CONS-O-16					X	
CONS-O-17						X
CONS-O-18						X

## Reporting on the implementation of NAP

---

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

1-30%

---

### Human resources

---

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

1

1. Conocimiento de las ONG´s y profesionales que desarrollan proyectos y/o iniciativas en relación a la DDTS, con ellos se podría viabilizar sinergias para optimizar recursos e incrementar esfuerzos de manera coordinado u organizada

2

2. El Gobierno Nacional y las instancias correspondientes (Ministerios) trabajan coordinadamente y han iniciado a darle la importancia del caso, especialmente Cancillería y el Ministerio del Ambiente.

---

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

1

1. En el caso de las ONG´s existen limitadas capacidades técnicas en cuanto al conocimiento del tema a profundidad, se suma a ello la carencia de proyectos que les permita estabilidad laboral

2

2. En el caso de las instancias de gobierno, no se responsabiliza a profesionales para que den el seguimiento y compromisos adquiridos como país ante la UNCCD, el constante cambio o encargo de profesionales para el tema, no permite cumplir con compromisos y se retrasan o pierden iniciativas.

---

### Financial resources

---

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

1

1. Disponibilidad de recursos para la generación o innovación de iniciativas relacionadas a la DDTS

2

2. Apoyo del Gobierno Nacional para viabilizar iniciativas en torno a la DDTS y la movilización de recursos en áreas prioritarias.

---

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

1

1. Los recursos financieros que manejan las ONG´s, en cuanto a la implementación de iniciativas y que tienen relación a la DDTS, son desconocidas por parte de la entidad rectora del ambiente en el Ecuador.

2

2. Desarticulación y escasa coordinación de acciones, lo cual no permite la optimización de recursos financieros, en algunos casos la duplicación de esfuerzos y el consiguiente estancamiento .

## 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**

Other

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

Generación e innovación de tecnologías tradicionales apropiadas para el uso, manejo y conservación de los recursos naturales, con especial énfasis en el suelo, agua y vegetación.

**Narrative description**

1. La UNCCD debe apoyar financieramente las acciones que planifiquen y desarrollen los Puntos Focales Técnico y Científico, muchas de las acciones se quedan solo en el papel por no poderlas implementar.
2. La UNCCD debería exigir a los Gobiernos Parte, mayor involucramiento y participación en los compromisos, incluyendo en sus presupuestos el financiamiento respectivo para que se implementen las acciones previstas.



# 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 — Cosecha Alternativa de Agua para la Soberanía Alimentaria (Programa Nacional de Albarradas)

---

### 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)***

**Ministerio de Agricultura, Ganadería, Acuacultura y Pesca – MAGAP. Ministerio encargado de coordinar, diseñar y evaluar las políticas del sector agropecuario con el resto de sectores económicos y sociales. Además, entre sus funciones está proporcionar condiciones de estabilidad y claridad en las reglas de juego que incentivan las inversiones privadas en el sector agropecuario.**

**La misión del MAGAP es "regir las políticas agropecuarias del país a través de la Dirección, Gestión, Normatividad y Capacitación de los Sectores Agropecuario, Agroindustrial y Agroforestal ecuatorianos".**

---

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

---

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

**Cosecha Alternativa de Agua para la Soberanía Alimentaria (Programa Nacional de Albarradas)**

---

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

**1. Humedales lenticos artificiales o albarradas:**

Manabí, Santa Elena, Guayas, El Oro, Loja.

2. Sistemas de Cosecha de Neblina o Condensación:

Carchi, Sucumbíos, Chimborazo, Cotopaxi, Tungurahua, Azuay, Morona Santiago.

3. Investigación de métodos alternativos de cosecha de agua

Attachments:

none

---

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

Hectares (ha)

**2700000**

---

*Estimated population living in the location*

Number of people

**3700000**

---

*Prevailing land use within the specified location*

- Cropland
- Grazing land
- Woodland
- Unproductive land
- Human settlement
- Other

*Other (specify) (max 30 words)*

Piscicultura a pequeña y mediana escala, especialmente con truchas, tilapias y carpas.

---

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

Climate: (max 50 words)

En la zona litoral del Ecuador el clima es calido seco, con dos períodos bien marcados de clima, verano muy seco e invierno es muy agresivo ocasionando inundaciones. Temperatura media 25 - 28°C, precipitaciones superiores a los 800 mm/año.

En la zona interandina el clima va del calido seco al templado, de igual forma con dos temporadas climáticas bien marcadas, con temporada muy secas e inviernos muy fuertes, la temperatura media va desde los 18 a 24°C y precipitación mayor a 500 mm/año

*Soil: (max 50 words)*

Manabí, Loja y Chimborazo son las provincias principalmente afectadas por la desertificación. De manera alarmante, estas provincias con una cobertura vegetal del 25% al 30%, presentan procesos altamente erosivos que afectan del 55% al 75% de la superficie total del Ecuador. Los suelos de la zona de influencia del proyecto tienen textura media, ricos en materia orgánica y por ende muy productivos, especialmente para granos, cereales, oleaginosas y frutales.

*Topography: (max 50 words)*

En el caso de la costa la topografía es por lo general plana, lo que favorece para la erosión eólica; en el caso de la sierra la topografía es más irregular llegando incluso a zonas muy agrestes, favoreciendo a la erosión hídrica; sin embargo facilita la construcción de las albardas y luego la distribución del agua por gravedad.

---

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

Income level: (max 50 words)

El crecimiento macroeconómico resultado del desarrollo de la gran industria agroalimenticia y de exportación, no ha sido ni es suficiente para erradicar la pobreza extrema, la pobreza rural y las desigualdades sociales. En Ecuador, el 10% acumula el 42% de los ingresos totales mientras el 10% más

pobre no recibe ni el 2% de los mismos; adicionalmente y de manera extremadamente alta en relación a la media nacional la pobreza rural llega al 62% (SENPLADES, 2009).

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

Las principales fuentes de ingresos en los pobladores de la zona de influencia e intervención de este proyectos es la agricultura y la ganadería a pequeña y mediana escala.

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

El proyecto considera un criterio Socioeconómico en cuanto a la tenencia de tierra y uso colectivo; en este aspecto se al tipo de tenencia de la tierra y al acceso restringido o colectivo a los Sistemas de Albarradas. Se ha dado preferencia a aquellas albarradas que siendo de propiedad privada o comunal su uso y acceso es colectivo.

---

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

max 250 words

Dado que la disponibilidad del recurso agua a nivel nacional es crítico, el programa propone además de la rehabilitación de las estructuras de albarradas, de manera paralela y en colaboración con la Secretaria Nacional de Riesgos a través del INAMHI, la implementación de un programa de monitoreo e investigación de sistemas alternativos de cosecha de agua. En una primera fase, el sistema de monitoreo e investigación se desarrollará en las albarradas rehabilitadas, y posteriormente se extenderá a nivel nacional para identificar y establecer otros sistemas alternativos de cosecha de agua de manera tal que se reduzca la vulnerabilidad de pequeños y medianos productores. Este programa de investigación deberá orientarse a establecer sistemas alternativos de bajo costo que permitan la recolección y almacenamiento de agua para producción.

Experiencias de cosecha de agua de lluvia y condensación han sido desarrolladas a nivel nacional y regional de manera aislada. El Ecuador como país localizado en el trópico posee un gran potencial de generación de sistemas alternativos de recolección de agua por lluvia o condensación. Estos sistemas alternativos de cosecha de agua han demostrado ser eficaces tanto social como ambientalmente en varios países del mundo.

Este sistema de recolección de agua de niebla o cosecha de agua por condensación, es usado en la actualidad con éxito en varios países. En el caso del Ecuador, este puede ser combinado con los sistemas de recolección de agua vía humedales lenticos artificiales o albarradas ya establecidos y expandirse a zonas de alto riesgo por escasas de lluvia.

Según el estudio de factibilidad para la implementación de paneles de captación de agua en el desierto de Nairobi, el rendimiento de agua es bastante elevado y de bajo costo. Los paneles atrapanieblas pueden ser módulos simples, es decir conformados por una sola malla de captación, sostenida por dos postes (24 m<sup>2</sup>), o pueden ser módulos múltiples compuestos por varias mallas de captación sostenidas por postes comunes (48m<sup>2</sup>, 96 m<sup>2</sup>, 120 m<sup>2</sup>, etc), manteniendo en todos los casos la orientación de los paneles en forma perpendicular a la dirección del viento. El criterio para seleccionar el número y tipo de módulos a construir (paneles simples, dobles, etc.) será determinado fundamentalmente por la topografía del terreno. Además puede influir en esta decisión la calidad de los materiales empleados en la construcción del panel captador.

---

***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

En primera instancia, se cuenta con este tipo de infraestructuras, aunque en mal estado pero con potencial para ser rehabilitadas; asimismo son estructuras tradicionales ancestrales que permiten un buen manejo y distribución del agua a los pequeños caceros o aldeas cercanas; luego, se podría manifestar que estas son de bajo costo y se adaptan a las condiciones de los agricultores de las zonas áridas y semiáridas del

Ecuador. Con esta práctica se conseguirá y aplicará:

1. Agricultura de conservación; medidas agronómicas. Se caracterizará por desarrollar tres principios básicos: laboreo mínimo, cubierta permanente y rotación de cultivos.

2. Capacidad de infiltración de agua subterránea, para mejorar la tierra y la recarga de los acuíferos, disminuye salinidad y aumenta disponibilidad de agua.

3. Riego de calidad. Medidas que apuntan a mejorar calidad de agua como a través de las trampas de la sedimentación, filtros, sistemas de purificación, estanques.

---

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

---

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

- Prevention
  - Mitigation
  - Adaptation
  - Rehabilitation
- 

*Main problems addressed by the best practice*

(max 50 words)

- Escasez de agua.
  - Baja productividad agrobiodiversa en las zonas secas
- 

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

max 100 words

Incremento de los procesos erosivos; prácticas insostenibles de labranza de la tierra; cuando hay disponibilidad de agua se riego de forma desmedida a los cultivos; pérdida de la agrobiodiversidad en la zona de intervención e influencia; inadecuado uso, manejo insostenible y conservación de la tierra, agua y biodiversidad; deforestación y degradación de ambientes; estructuras de almacenamiento del agua deterioradas; protección de ojos de agua y vertientes; inseguridad alimentaria.

---

*Specify the objectives of the best practice*

(max 50 words)

- **FIN:** Establecer el Programa Nacional de Cosecha Alternativa de Agua, para reducir la vulnerabilidad a eventos de sequía y/o inundaciones y garantizar la soberanía alimentaria.
  - **PROPÓSITO:** Garantizar soberanía alimentaria en poblaciones vulnerables a sequía o inundaciones a través del establecimiento sistemas alternativos de cosecha de agua.
  - 1. Identificar, recuperar y habilitar sistemas alternativos ancestrales y modernos de cosecha y almacenamiento de agua para garantizar soberanía alimentaria.
  - 2. Establecer estrategias de cobertura vegetal en y alrededor de las estructuras de cosecha y almacenamiento de agua a través de sistemas agroforestales.
  - 3. Establecer el Sistema Nacional de Investigación de cosecha alternativa de agua para soberanía alimentaria a nivel nacional
- 

## Section 3. Activities

---

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

#### **Objective 1**

(max 50 words)

- **Rehabilitación de albardas en la provincia de Manabí; recuperación de albardas en las provincias de Santa Elena, Guayas y El Oro; y, establecimiento de sistemas alternativos de cosecha de agua.**

#### **Objective 2**

(max 50 words)

- **Diseño participativo de sistemas de productivos y de protección de las albardas rehabilitadas a través de sistemas agroforestales; diseño de sistemas de seguimiento y monitoreo participativo de la producción y conservación de las albardas; establecimiento de manejo integrado.**

#### **Objective 3**

(max 50 words)

- **Diseño de sistema de monitoreo y evaluación participativa nacional de sistemas alternativos de cosecha de agua; estudios de pre factibilidad y factibilidad de los sistemas alternativos de cosecha de agua a nivel nacional, incluyendo: captación, conducción, almacenamiento y distribución.**

#### **Objective 4**

(max 50 words)

**No answer provided**

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### **Short description of the technology**

max 250 words

**El Programa Nacional de Cosecha Alternativa de Agua para la Soberanía Alimentaria está basado en la participación directa de las poblaciones locales por una parte, y en el aprendizaje constante y adaptativo, por otro.**

**Dado que los agricultores en mayor o menor escala han manejado inmemorialmente los recursos hídricos para la producción, el Programa contempla como pilar la recuperación de saberes ancestrales relacionados a este tema. La recuperación de saberes ancestrales tiene como objetivo a corto plazo identificar sistemas viables de cosecha de agua, que a largo plazo sean sostenibles y se basen en la participación y apropiación por parte de las comunidades locales. El principio de la recuperación de saberes ancestrales está en la valoración de lo local y en la inclusión de todos los beneficiarios en el proyecto.**

**Sin embargo, el diseño y establecimiento de los sistemas hidráulicos de cosecha de agua no es viable sin el desarrollo de investigación en este campo. Si bien, varios sistemas alternativos de cosecha de agua se están aplicando en más de siete países en el mundo, la correcta investigación en cuanto a la captación, conducción, almacenamiento y distribución es necesaria. Para el correcto establecimiento de sistemas alternativos de cosecha de agua es necesario desarrollar investigación no sólo en el ámbito de la hidrología, sino de la conservación, manejo de paisaje, saberes culturales y de la economía.**

**La participación de las comunidades locales, así como los resultados técnicos de la investigación permitirán establecer y rehabilitar sistemas alternativos de cosecha de agua a nivel nacional de manera eficiente y socialmente justa. Es pertinente señalar que la capacidad de recolección de agua de todos los sistemas hidráulicos está condicionada en gran parte por la calidad del entorno del sistema. En este contexto, el programa incluye la conservación y manejo de las zonas de producción de agua a través de sistemas de protección y producción sostenible con sistemas agroforestales, combinados con sistemas de manejo de recursos naturales para la soberanía alimentaria. Estos sistemas contemplan por un lado la mejora de la cobertura vegetal de la zona, y por otra, la mejora de calidad de vida de las poblaciones locales a través de sistemas productivos que generen ingresos adicionales constantes a las familias beneficiadas.**

---

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

max 250 words

La determinación de las áreas en las cuales se presentan nieblas y/o neblina se realizó mediante una revisión de la información meteorológica que mantiene el INAMHI y por la experiencia de los inspectores meteorológicos en técnicas de observación. Esta información de primera fuente facilitada por los concedores de numerosas localidades en las cuales se han instalado estaciones meteorológicas, se complementó con extensos recorridos, información meteorológica registrada en las libretas y cuadros, y entrevistas con observadores y técnicos meteorólogos.

Por otra parte es conocido por todos que las estribaciones de las montañas (Cordillera de los Andes y sus tres ramales) que recorren el país son zonas proclives a la presencia de nieblas, de igual manera las estribaciones de cordilleras pequeñas como las que se observan en la costa ecuatoriana (Cordillera Costanera y Montañas de: Cojimies, Jama, Muisne, Paján, etc.).

En la región oriental la Cordillera Real de los Andes que está conformada por varios ramales conocidos también como cordilleras, entre las que se mencionan: Las Sabanas, Paredones, Numbala, Sabanilla, Cordoncillo, Guambimé, Cóndor, Manga Urcu, Nangipa, Zapote Naida, Alcuquiru, Cutucu, Llanganates, Guacamayos, Galeras, Mirador, Páramos de Matanga; son áreas con presencia de nieblas, aunque escasamente pobladas.

La priorización y selección de las 40 sistemas de albarradas a rehabilitarse se basó en cuatro criterios orientados a resolver las situaciones más críticas de falta de agua, mitigando así los riesgos socio productivos que pueda provocar la inestabilidad climática ya sea por prolongación de la sequia y/o inundaciones.

- a) Criterio Histórico Cultural, o de antigüedad (Albarradas ancestrales e inmemoriales).
- b) Criterio Socioeconómico (tenencia de tierra y uso colectivo).
- c) Criterio Tecnológico (estado de conservación).
- d) Criterio Territorial y ambiental (accesibilidad y optimización).

De las 40 albarradas priorizadas y gracias a los esfuerzos desarrollados con inversión del Estado Ecuatoriano durante la emergencia por sequia hasta Diciembre 2009, se rehabilitó efectivamente 25 albarradas en los cantones de Sucre, Tosagua, Jipijapa, Rocafuerte y Chone.

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

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

Ministerio de Agricultura, Ganadería, Acuacultura y Pesca – MAGAP.

**Address**

Av. Eloy Alfaro y Amazonas, Edificio del MAGAP. Quito - Ecuador. Oficinas Técnicas en todas las regiones y/o provincias del Ecuador.

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**Was the technology developed in partnership?**

Yes

**If yes, list the partners:**

- Ministerio de Agricultura, Ganadería y pesca - MAGAP
- Instituto Nacional de Meteorología e Hidrología - INAMHI
- Organizaciones territoriales de base de las zonas de influencia e intervención del programa.

- Universidades del Ecuador, en las zonas de influencia del programa y/o proyecto.
- 

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

- Local initiative
- National initiative – government-led
- National initiative – non-government-led
- Programme/project-based initiative
- Other

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

Iniciativas de las Instituciones de Educación Superior. Escuela Politécnica del Litoral - ESPOL

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

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

- Pobladores de localidades de la provincia del Carchi: El Angel, San Isidro, El Carmelo y Playón de San Francisco.
  - Pobladores de localidades de la provincia de Imbabura: Natabuela, Inguincho\*, Mojanda-Cajas\*, Selva Alegre y García Moreno.
  - Pobladores de localidades de la provincia de Pichincha: San Antonio de Pichincha, Calacalí, Nanegalito, Nono, Mindo, San Miguel de los Bancos, Zuleta\*, San Marcos\*, Olmedo\*, Aloag, Alluriquín y Tandapi.
  - Pobladores de localidades de la provincia de Cotopaxí: Parque Nacional Cotopaxi, Pujilí, Pilaló, Quilotoa y Zumbahua.
  - Pobladores de localidades de la provincia de Tungurahua: Baños, Patate y Calamaca
  - Pobladores de localidades de la provincia de Chimborazo: Urbina\*, Pachamama\*, Ozogoché\*, Tixan\*, Pallatanga, San Juan, Alausí y Chunchi
  - Pobladores de localidades de la provincia de Bolívar: Gallo Rumi\*, San Juan, San Simón, San Pablo de Atenas y Chillanes,
  - Pobladores de localidades de la provincia de Cañar: El Tambo\*, Ingapirca y Cañar
  - Pobladores de localidades de la provincia de Azuay: Gualaceo, Paute, El Cajas\*, El Labrado\*, Molleturo, Nabón y Suscalpamba (vía Cochancay - La Troncal)
  - Pobladores de localidades de la provincia de Loja: Pindal, Celica, Catacocha, Alamor, San Pedro La Bendita, La Toma, Oña, Susudel, Saraguro\*, San Lucas\*, Cariamanga, Sabanilla y Vilcabamba
  - Pobladores de localidades de la provincia de Manabí: Puerto Lopez, Jipijapa, El Carmen, La Crespa, Montecristi y La Pila, Cerro de hojas
  - Pobladores de localidades de la provincia de El Oro: Zaruma y Portovelo
  - Pobladores de localidades de la provincia de Morona: Gualaceo, Mendez, La Unión y Gualaquiza
- 

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

max 250 words

El Programa Nacional de Cosecha Alternativa de Agua para la Soberanía Alimentaria está basado en la participación directa de las poblaciones locales por una parte, y en el aprendizaje constante y adaptativo, por otro.

Se reitera, dado que los agricultores en mayor o menor escala han manejado inmemorialmente los recursos hídricos para la producción, el Programa contempla como pilar la recuperación de saberes ancestrales relacionados a este tema. Por lo tanto, la recuperación de saberes ancestrales tiene como objetivo a corto plazo identificar sistemas viables de cosecha de agua, que a largo plazo sean sostenibles y se basen en la participación, en cada fase del programa, y apropiación por parte de las comunidades locales. El principio

de la recuperación de saberes ancestrales está en la valoración de lo local y en la inclusión de todos los beneficiarios en el proyecto.

En el diseño y establecimiento de los sistemas hidráulicos de cosecha de agua no es viable sin el desarrollo de investigación en este campo y el conocimiento de cada involucrado. Si bien, varios sistemas alternativos de cosecha de agua se están aplicando en varios países en el mundo, la correcta investigación en cuanto a la captación, conducción, almacenamiento y distribución es necesaria. Para el correcto establecimiento de sistemas alternativos de cosecha de agua es necesario desarrollar investigación no sólo en el ámbito de la hidrología, sino de la conservación, manejo de paisaje, saberes culturales y de la economía.

Por ende, la participación de las comunidades locales, así como los resultados técnicos de la investigación permitirán establecer y rehabilitar sistemas alternativos de cosecha de agua a nivel nacional de manera eficiente y socialmente justa. Es pertinente señalar que la capacidad de recolección de agua de todos los sistemas hidráulicos está condicionada en gran parte por la calidad del entorno del sistema, en ello incluido los hombres, mujeres y niños/as. En estos sistemas contemplan por un lado la mejora de la cobertura vegetal de la zona, y por otra, la mejora de las condiciones de vida de las poblaciones locales a través de sistemas productivos que generen ingresos adicionales constantes a las familias beneficiadas.

---

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

Yes

*If yes, by means of what?*

- Consultation
- Participatory approaches
- Other

*Other (specify) (max 30 words)*

Acompañamiento a las visitas realizadas a los sitios potenciales para implementar las iniciativas.

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## Section 5. Contribution to impact

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*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)

**Seguridad y soberanía alimentaria para las familias participantes e involucradas y para las poblaciones que están en las zonas aledañas del programa.**

2. (max 50 words)

**Al mejorar y/o incrementar agroecológicamente la productividad agrícola agrobiodiversa, se generan excedentes para comercialización con los consabidos beneficios para los participantes del programa.**

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

1. (max 50 words)

**Al disponer de recursos e iniciar una conducta del ahorro, se mejoran los elementos vitales de la familia (salud, vestido, educación, ingresos, entre otros).**

2. (max 50 words)



Las condiciones de habitabilidad son mejores con los ingresos que se generan de los excedentes de la producción agrícola y por ende venta de los mismos; las poblaciones no viven en hacinamiento.

**Environmental level:**

1. (max 50 words)

Se mejoran las condiciones para la recuperación o restauración de ambientes degradados y por ende se protege la biodiversidad, el paisaje y la cultura.

2. (max 50 words)

Este tipo de infraestructuras, permite la disminución de los procesos de desertificación y se previene con éxito el fenómeno de la sequía, pues, se tiene almacenado agua para épocas de escasez.

**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)

Al tener disponibilidad de agua en las zonas del proyecto, la producción es sostenida durante todo el año, por lo tanto, las zonas aledañas tienen acceso a alimentos diversos y frescos, con lo cual se apoya a los procesos que persigue el Gobierno Nacional, en cuanto a la seguridad y soberanía alimentaria.

2. (max 50 words)

En las zonas donde se implementan estas acciones, se generan fuentes de trabajo e ingresos, por lo tanto, disminuye la migración a los centros poblados aledaños, no se presentan focos de pobreza, delincuencia, asentamientos o invasiones en áreas no planificadas u ordenadas para el crecimiento poblacional urbano.

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**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

El desarrollo del Programa Nacional de Cosecha Alternativa de Agua para la Soberanía Alimentaria implica a mediano y largo plazo la reducción de riesgos ambientales asociados con la sequía, inundaciones y la pérdida de ecosistemas frágiles.

Al disponer de liquido vital se recuperan los habitats presentes en las zonas de influencia del proyecto, especialmente para fauna y flora que requieren de agua para subsistir; de igual forma los ecosistemas se recuperan y se llena de vida al tener elementos vitales para su conservación.

En las zonas de influencia del proyecto existen muchas especies de flora y fauna en peligro de extinción o especies que están en alguna lista de amenaza; asimismo, existene especies endémicas propias de los lugares, por ejemplo, algarrobos, guayacanes, palos santos, ceibos, petrinos, entre otras especies de flora; asimismo, en el caso de fauna, aves, mamiferos, anfibios, reptiles, etc.

El programa contempla la restauración de ambientes degradados y la ampliación de la frontera agroecológica; de igual forma la práctica participativa de conservación de la tierra y el agua. De esta forma se inician procesos de adaptabilidad de especies de flora y fauna propias de cada zona en donde se implementan las albarradas o captadores de agua de niebla y neblina.

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

**mitigation?**

**Yes**

**Explain the reasons:**

max 250 words

**En general, a través de la cosecha de agua y el establecimiento de cobertura vegetal permanente, la implementación del Programa reducirá la vulnerabilidad de poblaciones rurales a riesgos asociados al Cambio Climático, tales como erosión, sequía e inundaciones, variaciones extremas de microclimas y escorrentías.**

**El programa contempla procesos de sensibilización y capacitación para la protección del patrimonio natural y cultural y por ende de manera participativa el control socioambiental de los recursos, evitando de sobre manera se siga talando bosques, ampliando sin una planificación apropiada la frontera agrícola, evitando incendios forestales, riego insostenido y por gravedad en pendientes fuertes, prácticas culturales de no conservación y la introducción de especies no nativas.**

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

**Yes**

**Explain the reasons:**

max 250 words

**Con la implementación del programa, se contempla el desarrollo de sistemas de monitoreo y seguimiento participativo de bajo costo y de alta eficiencia. Dichos sistemas buscan generar capacidades locales y apropiación por parte de las comunidades locales de manera tal que los sistemas establecidos sean sostenibles en el tiempo y en el espacio. En este contexto, se establecerá centros demostrativos e interactivo de cosecha alternativa de agua en las provincias participantes e involucradas con fines educacionales y demostrativos.**

**El fin último de los sistemas de monitoreo es generar información constante y confiable que permita tomar decisiones claves para la gestión de los sistemas hidráulicos implementados y por supuesto estar prevenidos ante lo impredecible del cambio climático y en especial del fenómeno del niño y la niña que tanto daño han ocasionado en el Ecuador. Así, el programa trabajará sobre el principio del manejo adaptativo que incorpora la investigación en las acciones de conservación. Específicamente, el manejo adaptativo contempla la integración del diseño, manejo y monitoreo constante para actuar en la mejora del proyecto con base en los resultados de su monitoreo. La adaptación involucra cambiar supuestos e intervenciones para responder a la nueva información obtenida a través del monitoreo. De esta manera, las intervenciones serán planificadas adaptativamente para responder a las necesidades locales y reales de los sistemas en el contexto ambiental, social y económico del lugar.**

**En definitiva, este programa va de la mano con los procesos de alerta temprana contra los cambios que se originan en el clima y que está demostrado son en la mayoría de los casos impredecibles.**

---

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

**Yes**

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

max 250 words

**En cuanto a la relación beneficio costo por la implementación del programa, es positivo, nuestro análisis va en los tres ámbitos del desarrollo sostenible, esto es:**

**ECONÓMICO, los pobladores de la zona de influencia del programa con inversiones mínimas reciben utilidades considerables, lo cual les permite satisfacer las necesidades básicas para su supervivencia, esto es: alimentación, vestido, educación, entre las principales; en conclusión se generan recursos económicos.**

**SOCIAL**, la gente participa de acciones socio organizativas, fortalecen la organización y buscan generar otras iniciativas para beneficio de las comunidades; asimismo, se disminuyen los procesos migratorios y el consabido abandono de tierras y el incremento de focos de pobreza en las capitales provinciales y nacionales. Las condiciones de vida mejoran ostensiblemente.

**AMBIENTAL**, con poco esfuerzo se pueden recuperar grandes extensiones de terrenos improductivos y ambientes degradados; además, de generar e innovar prácticas conservacionistas y de desarrollo, no maderables y que motivan a la protección del patrimonio natural.

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## Section 6. Connection to other UNCCD themes

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*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
  - Policy; legislative; institutional framework
  - Funding/resource mobilization
  - Participation, collaboration and networking
- 

## Section 7. Adoption and replicability

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

Yes

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

Location:

- En la Amazonía del Ecuador
- 

*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)
- 

*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)

**En primera instancia, se puede decir que es política y prioridad del Gobierno actual, por lo tanto se considera el problema y las potenciales soluciones en las normativas ambientales nacionales y se mantiene los convenios internacionales correspondientes porque son el apoyo para la implementación de este tipo de iniciativas.**

2. (max 50 words)

**Disponibilidad de Fondos, a nivel local, regional, nacional e internacional; el país está impulsando este tipo de iniciativas y se gestionan con éxito los recursos en las agencias de financiación correspondientes.**

**3. (max 50 words)**

Participación comunitaria, este tipo de iniciativas no tuviera el éxito si los hombres y mujeres que habitan estos lugares no estuvieran concientes que solo siendo protagonistas de su propio desarrollo y destino lograrán alcanzar la tan anhelada autogestión y protagonismo.

---

*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
  - Sub-national
  - National
  - Subregional
  - Regional
  - International
- 

**Section 8. Lessons learned**

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***Related to human resources***

(max 50 words)

- Existe potencial en cuanto a talentos humanos, para emprender este tipo de acciones, lamentablemente ha sido muy limitado el apoyo de los gobiernos de turno, lo cual no a permitido que se elaboren e implementen proyectos de esta índole, en el mejor de los casos se ha implementado acciones en los lugares secos del Ecuador, pero no se le ha dado el seguimiento respectivo tanto a las infraestructuras como a los "ideadores" de la tecnología.
  - En todos los niveles, existen un sinuúmero de profesionales con alguna experticia en temas relacionados al programa, a la desertificación y la sequia, por lo tanto, es urgente contar con un banco de datos de profesionales que vengan a aportar para la formulación y viabilización de iniciativas para la protección de los recursos naturales y biodiversidad, especialmente en lo que tiene que ver a la tierra y el agua.
  - En años anteriores, se conformó el Grupo Nacional de Trabajo en Desertificación, es prioritario rescatar y/o reestablecer esta iniciativa, para fomentar nuevas ideas y colaboren con el trabajo que realizan los Puntos Focales Técnico y Científico del Ecuador.
  - Se conoce de profesionales expertos con maestrías y doctorados en temas relacionados a la conservación y manejo sostenible de suelos, esta base puede ser importante para un programa de cuarto nivel con una instancia de educación superior, los primeros pasos se han avanzado con las Universidades Locales de la provincia de Loja, en especial.
  - El potencial técnico "no formal", existente en las zonas de implementación es importante y de muy buena calidad, en este sentido los procesos de fortalecer esas capacidades, para que ellos sean los "líderes" en este tipo de procesos debe ser una prioridad urgente. En la provincia de Loja se formaron promotores agroecólogos en el nivel tecnológico, los participantes fueron de las zonas secas y en especial de las comunidades "más" áridas de la misma.
- 

***Related to financial aspects***

(max 50 words)

- Con el actual Gobierno del Ecuador, la atención a este tipo de acciones se encuentran consideradas para financiación en los Ministerios respectivos; sin embargo aun sin la especificidad necesaria, por los se debería considerar recursos en los presupuestos del Estado, concretos para la protección de los recursos naturales e iniciativas de desarrollo amigables con el ambiente.

En conclusión, también hacen falta la generación de proyectos específicos.

- En los presupuestos de los Gobiernos Provinciales y Cantonales, se debe direccionar recursos financieros que permitan mitigar los efectos de la degradación de los suelos y la implementación de iniciativas tradicionales para el mejoramiento de la protección del patrimonio natural y productividad de la tierra.

De igual forma se debe considerar la implementación de mecanismos o procesos de alerta temprana para la sequía.

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***Related to technical aspects***

(max 50 words)

- Ha quedado demostrado que la técnica tradicional, en este caso se suma lo ancestral, resulta mucho "más" útil y viable, para la captación y distribución racional del recurso agua, de igual forma aplicando métodos modernos para mejorar las mismas y su manejo, garantiza "mayor" vida útil de estas estructuras.
- Este tipo de infraestructuras, puede ser replicadas en todas las zonas con déficit hídrico del país, el potencial técnico con el que se cuenta en la mayoría de las zonas del Ecuador es importante, para ello se cuenta con profesionales ingenieros civiles y agrícolas suficientes que pueden mejorar aún más las obras de captación de agua y distribución.
- La técnica de almacenamiento de agua, permite "guardar" agua en épocas de escasez, en las zonas de implementación se usa para la producción y consumo humano; en algunos lugares donde se ha implementado esta técnica de captación se utilizan métodos tradicionales de filtrado para la purificación agua, con materiales y mano de obra del lugar.

## Best Practice #2 — MANEJO ORGÁNICO DE CAFETALES DE ALTURA BAJO SOMBRA

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### ***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)***

**FUNDACIÓN AGROECOLÓGICA AMIGOS DE LA TIERRA:** es un organismo no gubernamental ONG, dedicada a contribuir a la conservación de los recursos naturales y el desarrollo sustentable en las zonas rurales y urbano marginales de la región sur del Ecuador, con énfasis en aquellas que están junto a zonas de interés biótico por medio de la investigación y acción participativa.

Además, esta organización trabaja con grupos de voluntarios, encaminados al desarrollo comunitario y cuidados del ambiente. Se encuentra en la provincia de Loja, con oficinas en la ciudad y en los lugares donde FUNDATIERRA realiza sus trabajos de campo. La integran profesionales en las ramas de ingeniería agronómica, forestal, agrícola, pecuaria, computación, economía, ambientalistas y más; grupo muy entusiasta y dispuesto a trabajar en los fines planteados. Una fortaleza compartir experiencias, metodologías y pasantías, con otros organismos dedicados a la conservación, investigación y desarrollo comunitario.

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

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

**MANEJO ORGÁNICO DE CAFETALES DE ALTURA BAJO SOMBRA**

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

El área del proyecto se localiza al sur occidente de la provincia de Loja, en los cantones Espíndola y Quilanga, las parroquias y barrios El Airo (barrios La Huaca, El Tambo, El Batán, El Laurel) y Las Aradas (San Antonio de Las Aradas, El Limón, Las Choras, Jacapo y Valdivia).

#### **Attachments:**

none

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

Hectares (ha)

**10250**

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

Number of people

**19212**

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

- Cropland
- Grazing land
- Woodland
- Unproductive land
- Human settlement
- Other

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

En la zona también se explota grandes extensiones de caña de azúcar y se utiliza la tierra arcillosa para

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

Climate: (max 50 words)

La temperatura media para El Airo en un período de 36 años es de 18,66°C; la HR media mensual para El Airo – Florida es de 71,69 %; la zona tiene un promedio mensual de 4,89 horas de brillo solar; que de acuerdo al análisis multitemporal de lluvias para la zona la precipitación promedio es 96,51 mm; la velocidad media del viento es 2,02 m/s. En El Airo la dirección predominante del viento es norte - este (NE). La nubosidad media para El Airo es de (3,56 octas).

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

Los suelos son de textura franco arcillo arenoso y franco limoso (FoAcAo; FoLo), la profundidad para los primeros es de 20 a 40 cm y para los segundos de 20 a 30 cm. Capacidad de almacenamiento de humedad 60 mm. Fertilidad de los suelos es media a baja.

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

La mayoría de los suelos tienen una pendiente escarpada, la zona de cultivos es relativamente pequeña, por lo que los cafetales se producen bajo la sombra de árboles nativos. Asimismo la zona se ubica en las zonas aledañas del Área Protegida Colambo Yacuri, últimamente reconocido como Parque Nacional Yacurí.

---

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

Income level: (max 50 words)

El agricultor de las parroquias El Airo y San Antonio de las Aradas, en los cantones Espíndola y Quilanga, centra su desarrollo sobre una base de recursos naturales en creciente deterioro, debido principalmente al impacto de un paquete tecnológico en descontrol cuya aplicación exige cada vez más el uso de elevados niveles de insumos químicos y mano de obra, que vinculados al incremento permanente de los costos, no se recuperan en el proceso de comercialización, desventajosa y monopolizada.

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

La principal fuente de ingreso en la actividad agropecuaria, en especial las ganancias que les da la explotación de café, maíz y fréjol. El proyecto permitió determinar que el ingreso familiar asciende a un promedio de USD 398,55 mensuales, de los cuales los egresos en alimentación, educación, transporte, vivienda, salud, vestuario, entre otros, bordean un promedio de USD 268,03 designando a este último el 32,74% equivalente a USD 130,49 solamente para la alimentación familiar.

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

El 60% de los pobladores de las zonas del proyectos son dueños de la tierra, por lo tanto, planifican la producción de acuerdo a su extensión, por lo general estas extensiones no son mayores de 1 hectáreas. De igual forma, la mayor cantidad de las propiedades se encuentran en terrenos con topografías irregulares y pendientes muy fuertes, en donde los suelos deben ser manejados técnicamente para evitar erosión y escurrimientos superficiales graves, lo cual no ocurre.

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

max 250 words

Las dificultades de los productores agrícolas rurales para agregar valor a la producción primaria y comercializar el producto final con mejores posibilidades de competir, se constituyen en un enorme obstáculo para alcanzar mejores y mayores rendimientos económicos, garantizar la permanencia de una actividad productiva y lograr el mejoramiento de sus condiciones de vida.

El café, ha sido uno de los cultivos que se ha destacado en las exportaciones agrícolas del país, siendo fuente de empleo y de divisas por décadas para la economía ecuatoriana, dando origen al desarrollo de importantes actividades económicas como el comercio, la industria, entre las principales.

La importancia del cultivo del café es social y ambientalmente estratégica, pues, es una de las principales vías de ingresos para las familias que habitan la zona de influencia del proyecto; además, el mantenimiento de este cultivo bajo sombra garantiza la protección y/o conservación del suelo, la estabilidad climática, la captura de carbono y el mantenimiento de las fuentes hídricas. De su vegetación diversa se obtienen frutos de uso múltiple y leña, entre otros beneficios. Su degradación o reconversión constituye la principal amenaza para las formas de vida de las comunidades de la zona y los bosques aledaños. Sin embargo, la producción cafetalera en esta zona enfrenta una difícil situación derivada de la combinación de diversos factores, entre los que sobresalen:

Al tratarse de agricultores a pequeña escala, el cultivo del café orgánico dará trabajo a un número considerable de personas, ya que la recolección, muy raramente es mecanizada, la cosecha es manual para reducir al máximo los daños y/o pérdidas en las plantaciones; además, si se toma en cuenta que, la planta del café comienza a producir a los 3 a 4 años. El arbusto de café puede vivir numerosas décadas, dependiendo de la variedad, la copa se rebaja para evitar un excesivo desarrollo en su altura, se suma a esto, las plantaciones agroforestales nativas (aguacate, cítricos, poma rosa, papayos, mangos, guabos, chirimoyos, zapotes, plátano, higuera, fréjol de palo, entre otras.) para brindarle sombra a la misma, para las plantaciones nuevas deberán ser sembradas simultáneamente con las del café.

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*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

- 1. Ambiental.** Impulsar estrategias compatibles con los conceptos de uso, conservación y manejo sostenible de los recursos naturales, biodiversidad y/o ambiente, o lo que es más, promover y difundir la idea de producción y posproducción del café con perspectiva ecológica.
- 2. Sociales.** Orientar a los agricultores a pequeña y mediana escala a manejar su producción de manera limpia y asociativa, competir con otros comerciantes monopolistas de la zona, acceder a créditos como entidad legal, incrementar sus economías y concomitantemente mejorar su calidad de vida; iniciar procesos de concienciación sobre la importancia de proteger su patrimonio natural.
- 3. Económicos.** Instaurar, fortalecer y consolidar procesos de producción y posproducción sostenible bajo mecanismos de desarrollo limpio; agregar valor a la producción; disminuir los niveles de pérdidas poscosecha y mercadeo; incrementar la oferta de productos orgánicos, generar ingresos a nivel familiar, comunitario u organizacional.

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

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

- Prevention
- Mitigation
- Adaptation
- Rehabilitation

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*Main problems addressed by the best practice*

(max 50 words)

- Baja drástica en los ingresos familiares y comunitarios por la caída de los precios del café en el mercado; amenaza a la cubierta vegetal y a la biodiversidad por el abandono y/o reducción de los cafetales de sombra; abandono de prácticas de manejo sustentables en los cafetales; pérdida de habilidades técnicas; descenso de la participación de los caficultores en esquemas organizativos para la producción y comercialización; desarticulación de programas y proyectos de capacitación; y, migración.



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

max 100 words

Uso inadecuado del agua y suelo en las prácticas y/o labores culturales; erosión de los suelos por causa del viento y agua; escurrimientos superficiales incontrolados y arrastre de suelos fértiles; ambientes degradados por la pérdida de la cobertura vegetal; deslaves y/o derrumbes; ampliación de la frontera agrícola; cambio de usos de suelo para otras actividades no productivas; monopolio de cultivos y utilización de semillas "viejas" no certificadas ni seleccionadas, no rotación de cultivos; desprotección de los suelos.

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**Specify the objectives of the best practice**

(max 50 words)

- **OBJETIVO GENERAL:**

Mejorar los ingresos económicos de las familias de las parroquias San Antonio de las Aradas y EL Airo.

- **OBJETIVO ESPECÍFICO:**

Incrementar la productividad de 250 UPA's y comercialización en las parroquias de San Antonio de las Aradas y El Airo.

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**Section 3. Activities**

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

Objective 1

(max 50 words)

- Consolidación de la organización; levantamiento de la línea base; elaboración de plan de producción; estudio de mercado; formulación de plan de negocios y estrategias para la implementación; diseño e implementación de programa de microcrédito.

**Objective 2**

(max 50 words)

**No answer provided**

**Objective 3**

(max 50 words)

**No answer provided**

**Objective 4**

(max 50 words)

**No answer provided**

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**Short description of the technology**

max 250 words

El proyecto pretende contribuir al mejoramiento de las condiciones de vida de 250 familias de pequeños productores agrícolas que se hallan bajo el umbral de pobreza y cuyo principal medio de sustento es el café, en los cantones de Espíndola y Quilanga, provincia de Loja, a través de la implementación de una propuesta que prevé la inclusión de sistemas innovadores de producción agroecológica amigables con el entorno, el acceso a crédito rural, la generación de valor agregado, la comercialización asociativa directa y la conservación de ecosistemas saludables que, permitan garantizar medios de vida equitativos para la población más vulnerable, así como el fortalecimiento de sus capacidades socio organizativas, de manera que se faciliten procesos de gestión para el empoderamiento de deberes y derechos, en la consecución de un nivel de vida más justo y digno por parte de los beneficiarios.

De esta forma, nuestra respuesta a la condición de mejorar la calidad de vida no pretende facilitar solamente el acceso a recursos económicos, sino que, al integrar los ecosistemas (entorno), la equidad y el bienestar humano, se creen condiciones para el mejoramiento de los medios de vida rural, sobre los cuales se pueda construir un futuro saludable; afianzando la búsqueda del desarrollo del conocimiento, el empoderamiento comunitario y la promoción de cambios en las políticas locales.

Antes de la ejecución del proyecto y como requisito indispensable para el normal desarrollo de la propuesta, se inició una primera fase de arranque prevista para dos meses, sin embargo por condiciones de la situación política bajo la cual se desenvuelven las parroquias, han precisado una mayor dedicación de tiempo que el establecido, con la finalidad de concretar acuerdos y acercamientos a los líderes y lideresas de los barrios involucrados. Sin embargo esta ampliación de tiempo también a servido para concretar acuerdos a nivel de Proyectos FIE que permitan coordinar acciones y estrategias para un mejor aprovechamiento de los recursos que tan difícilmente llegan a estos sectores. El levantamiento de la línea base, ha permiti6 definir elementos para la consolidación de los indicadores y medios de verificación del proyecto, conforme a las necesidades y detalles solicitados a lo largo del proceso de negociación y firma del convenio, contar con información básica para el monitoreo, seguimiento y evaluación, consolidar las estrategias de intervención, las alianzas estratégicas y la gestión.

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

max 250 words

**Se resumen en lo siguiente:**

- Establecimiento de normas para la producción de café orgánico.
- Selección de sitios para la implementación de plantaciones.
- Selección de tratamientos u operaciones a implementar para el adecuado manejo de los suelos y las labores culturales del cultivo de café.
- Preparación de terrenos e implementación de obras conservación.
- Selección de semilla.
- Construcción de semilleros y umbráculos.
- Trasplantes de café.
- Manejo del vivero.
- Diseño del cafetal y los sistemas agroforestales.
- Trazado del nuevo cafetal.
- Establecimiento del cafetal.
- Diseño, construcción y puesta en funcionamiento de compostera, para la producción de abono orgánico tipo bocashi.
- Elaboración de abonos orgánicos fermentados tipo Bocashi modificado.
- Elaboración y aplicación de bioles.
- Preparación y aplicación de caldos microbiológicos.
- Manejo de arvenses en el cafetal.
- Manejo de la broca del café.
- Control del mal de hilachas.
- Manejo de enfermedades.
- Rehabilitación de cafetales.
- Cosecha del café.
- Construcción de secadores solares (marquesinas).
- Despulpado del café.
- Beneficio húmedo del café.
- Secado del café.
- Envasado.
- Etiquetado.

- Almacenamiento del café orgánico en grano para comercialización.
- Implementación de molinos artesanales para molido de café.
- Envasado.
- Etiquetado.
- Almacenamiento del café orgánico molido para comercialización.

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

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

**Name**

Fundación Agroecológica Amigos de la Tierra - FUNDATIERRA

**Address**

Dirección en la Zona de Trabajo: La Guaca, parroquia El Airo, cantón Espíndola.

Dirección en la ciudad Loja: Juan José Peña 12-62 entre Lourdes y Mercadillo. Telfs. (593 7) 2587543; (593 7) 2587543.

Email: fundatierra@gmail.com

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

Yes

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

- 1. Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO
- 2. Productores de la Parroquia de san Antonio de Las Aradas
- 3. Asociación de productores y comercializadores de café "El Colmenar"
- 4. Fondo Italo - Ecuatoriano (FIE)

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

- Local initiative
- National initiative – government-led
- National initiative – non-government-led
- International initiative
- Programme/project-based initiative

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

**No answer provided**

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

Yes

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

- Gobierno Local de Espíndola
- Gobierno Local de Quilanga
- Junta Parroquial de El Airo
- Junta Parroquial de San Antonio de las Aradas
- Asociación de Productores orgánicos y comercialización de El Airo APROCAIRO
- Productores de la Parroquia de san Antonio de Las Aradas
- Asociación de productores y comercializadores de café "El Colmenar"

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

max 250 words

Dentro de cada una de las fases se realizó la promoción y socialización a los beneficiarios del proyecto, participantes y autoridades del cantón Espíndola y Quilanga, se organizaron Seminarios - Taller de Lanzamiento Oficial del proyecto y otro evento con las autoridades de los Municipios del cantón Espíndola y Quilanga, dándole mayor prioridad al primer Gobierno Cantonal, quien se convirtió en parte de la unidad ejecutora, una vez que se concretó acuerdos de apoyo y gestión.

En el caso de las organizaciones participantes son los actores clave para el éxito de la iniciativa, ellos son los que supervigilarán porque se le dé el buen uso y mantenimiento a todas las herramientas y equipos que se utilicen de acuerdo a cada fase de la cadena productiva. De igual forma, cada miembro de las organizaciones, previo a la implementación de las acciones productivas son los responsables por cumplir con la labores de preparar los terrenos e implementar las operaciones o tratamientos para el control de la erosión, escorrentía y la protección del patrimonio natural.

---

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

Yes

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

- Consultation
- Participatory approaches
- Other

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

Mediante la demostración de las potencialidades, especialmente en el talento humano para la producción orgánica de café y de acuerdo a la situación que se presenta en la zona de influencia del proyecto, específicamente en lo relacionado a la degradación de la tierra.

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

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**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

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

Production or productivity:

1. (max 50 words)

Se inicia la práctica utilizando la producción existente de café, se mejora la productividad utilizando labores culturales de conservación y riego por microaspersión, se aplica material verde propio de podas y/o desechos de cosechas, mejorando la fertilidad de los suelos y controlando la erosión

2. (max 50 words)

En el manejo poscosecha, se ha mejorado los procesos de secado, despulpado y molido, los participantes construyen e implementan equipos artesanales, consiguiendo abaratar costos y elevar rendimientos con el consabido incremento de precios para el café bola, pergamino y molido.

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

1. (max 50 words)

Las familias participantes de estos procesos mejoran sus condiciones de vida, pues, los ingresos que

persiben por la comercialización de café son considerables y les permiten acceder a bienes y servicios necesarios para su supervivencia.

**2. (max 50 words)**

La zona de influencia del proyecto es excelente productora de café orgánico de altura, esa es su cultura, es reconocida a nivel mundial por su producción, el proyecto fomenta "la producción de café orgánico sin químicos y protegiendo la tierra" que los vio nacer.

**Environmental level:**

**1. (max 50 words)**

El proyecto fomenta la conservación de los recursos naturales, especialmente la tierra, todos los participantes concientes de ello vienen implementando operaciones para el tratamiento de la erosión hídrica y eólica.

**2. (max 50 words)**

La utilización abono orgánico producido en base a desechos biodegradables está permitiendo el mejoramiento de la fertilidad de los suelos y con ello el incremento de rendimiento de cultivos, especialmente café, y la diversificación de la agrobiodiversidad.

**Other (specify)**

**1. (max 50 words)**

La diversificación de la producción agrobiodiversa, permite asegurar la alimentación y la soberanía de la zona.

**2. (max 50 words)**

El café orgánico de este lugar, al ser reconocido internacionalmente, ha permitido que los precios sean considerables y se incentive la producción en el lugar, disminuyendo la migración.

---

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

**1. (max 50 words)**

Se ha creado y/o desarrollado un sin número de establecimientos y entidades ecoturísticas, que promocionan la zona, por las inigualables e incalculables cascadas, sus áreas protegidas y por supuesto por el producto insignia del lugar, "EL CAFE ORGANICO DE ALTURA".

**2. (max 50 words)**

Se ha incrementado el número de visitantes en las zonas aledañas, que vienen a visitarlos por la belleza escénica y por la gastronomía propia del lugar, a la que le acompaña el "rico café de chuzpa" propio de Espindola, ganador de la tasa dorada a nivel nacional e internacional.

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**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

Como se ha manifestado, esta práctica es amigable con el ambiente, se trata que la labranza sea mínima o cero, no se amplía la frontera agrícola talando bosques, se mantienen las especies nativas de bosques que forman parte de las áreas protegidas presentes en el sitio y por ende al mantener la flora se mantiene la fauna que habita especialmente en los bosques primarios (aves), no se introducen variedades de café que no sean las propias del lugar.

De igual forma se están diseñando senderos autoguiados para el avistamiento de especies de flora y fauna, lo cual permite que no existan efectos de borde y más bien este tipo de actividades se manejen de forma sostenida y con la capacidad adecuada para evitar se dañen los ecosistemas por la presión antropogénica.

Al estar dentro de la zona de amortiguamiento de áreas protegidas las actividades son exhaustivamente controladas por la entidad rectora del ambiente en el Ecuador.

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

Yes

*Explain the reasons:*

max 250 words

Se trata de proteger al máximo los recursos, especialmente los recursos suelo y agua, para ello como se ha explicado, este tipo de acción permite:

1. La fijación de carbono en el suelo.
2. Prevenir la sequía.
3. Controlar la creación de cárcavas en el suelo e inundaciones por la desprotección de los suelos.
4. Ofrece sombra no solo a la producción de café, sino a la población que tiene sus viviendas cercanas al lugar de las plantaciones.
5. No permite el cambio de utilidad de los suelos.
6. Permite vincular actividades de conservación y desarrollo.

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

Yes

*Explain the reasons:*

max 250 words

Se han restaurado ambientes degradados, permitiendo ampliar la frontera agroecológica y por ende cubrir suelos desprotegidos y mantener prevenida a la población sobre potenciales inundaciones, deslaves y sequías.

---

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

Yes

*If yes, summarize its main conclusions:*

max 250 words

La propuesta de producción integral de café orgánico, representa una alternativa técnica económica que a más de permitir un manejo racional de los recursos naturales, especialmente el suelo y agua, con un plan adecuado de producción, permitirá obtener altos o mayores beneficios netos durante toda la vida útil del proyecto (10 años) y se sostendrá en el tiempo y en el espacio en manos de los pobladores organizados de las zonas del proyecto.

Los resultados obtenidos en este período inicial de tiempo, son un buen indicador de ganancias que se obtendrán de la producción y posproducción del café orgánico bajo sombra al final del ejercicio. Si se compara estos resultados con la proyección para 10 años y la situación inicial en la zona, se ha podido ver una marcada diferencia en cuanto se refiere a la producción total e ingresos brutos, obteniéndose mejores resultados con la situación proyectada; los mismos que obviamente generan mayor rentabilidad gracias a un manejo ordenado y eficiente de las épocas de siembra y labores de cultivo, especialmente la fertilización y controles fitosanitarios.

En el caso del café, las pérdidas que se estaban soportando en la zona a inicios del proyecto eran debidas principalmente al bajo rendimiento y a la susceptibilidad al ataque de plagas y enfermedades de las diferentes variedades de café difundidas en la zona. Por ello, para la producción de café, una buena solución optada es la de sembrar variedades mejoradas resistentes a las condiciones del sector, en épocas premeditadas, con una adecuada sombra y un complemento nutritivo mineral orgánico acorde a las

exigencias del suelo.

Para finalizar, se propone ampliar la frontera agroecológica, debido a tierras que están improductivas, ello permitirá incrementar a un bajo costo nuevas plantaciones asociativas de café orgánico y con ello mejorar aún más los beneficios.

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## Section 6. Connection to other UNCCD themes

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*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

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

Yes

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

Location:

- Cantón Puyango - Loja
  - Cantón Chaguarpamba - Loja
  - Cantón Olmedo - Loja
  - Cantón Gonzanamá - Loja
  - Cantón Palanda - Zamora
  - Cantón Chinchipe - Zamora
  - Provincia de Manabí
- 

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

Yes

*If yes, specify which type of incentives*

- Policy or regulatory incentives (for example, related to market requirements and regulations, import/export, foreign investment, research & development support, etc)
  - 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)

**Apoyo de los Gobiernos Locales con recursos económicos y maquinaria para el mejoramiento de las vías de acceso y/o comunicación, a los productores o cafetaleros, dentro de la zona de influencia del proyecto.**

2. (max 50 words)

Potencial productivo de café en la zona, tanto de los suelos y disponibilidad del recursos hídrico, como de los saberes ancestrales.

3. (max 50 words)

Recursos disponibles del canje de deuda y/o donaciones del exterior, especialmente de Italia, para este tipo de iniciativas de conservación y desarrollo.

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*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
- Sub-national
- National
- Subregional
- Regional
- International

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## Section 8. Lessons learned

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### *Related to human resources*

(max 50 words)

- La práctica es importante porque permite rescatar a los talentos humanos del lugar, se conoce a nivel local, regional y nacional, que está práctica se estaba perdiendo por el escaso incentivo dado a los productores locales de estas zonas alejadas del país.

De igual forma, la predisposición para empoderarse de las mejoras que se da a la producción de café orgánico por parte de la organización ejecutora, permite fortalecer los conocimientos de la población participante en cada fase de la cadena.

- El proyecto, cuenta con el talento humano suficiente y adiestrado para suplir las necesidades de capacitación y fortalecimiento de cada uno de los productores de café orgánico en la zona.

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### *Related to financial aspects*

(max 50 words)

- La Agencia Financiadora, en este caso el Fondo Italo - Ecuatoriano (FIE), financia todas las actividades planificadas en el proyecto, de igual forma los recursos llegan a tiempo de acuerdo al cronograma preestablecido.
- Los recursos financieros han permitido dotar a las organizaciones de materiales y equipos requeridos y necesarios para la producción sostenida de café orgánico de altura; de igual forma ha permitido que los técnicos del proyecto cumplan a cabalidad cada compromiso y actividad programada en cada fase de la cadena productiva y realizar las inversiones necesarias.

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### *Related to technical aspects*

(max 50 words)

- La parte más complicada ha sido generar o identificar las experticias entre los productores locales de café, si bien se mantiene la tecnología tradicional de producción posproducción, para producir con calidad de acuerdo a los estándares requeridos a nivel nacional e internacional, se requiere de la aplicación de cambios en cada labor y fase de la cadena productiva, sin descuidar detalles y criterios de



**calidad.**

- **La tecnología se ha adaptado a las condiciones del lugar y los productores han asimilado cada cambio establecido con una madurez aceptable.**

# Submission Form

Submission Form	
Name of the Reporting Officer *	
Date of Submission *	10/26/2010 9:17:10 AM
Signature	
Name of the Authorizing Officer	
Date of Authorization	
Signature	

