



United Nations
Economic Commission for Europe



**REPORT
ON IMPLEMENTATION OF THE UNECE STRATEGY FOR
EDUCATION FOR SUSTAINABLE DEVELOPMENT¹**

*Within the framework of the
United Nations Decade of Education for Sustainable Development (2005–2014)*

SUBMITTED BY ITALY

The following report is submitted on behalf of the Government of Italy in accordance with the decision of the UNECE Steering Committee on Education for Sustainable Development

Name of officer (national focal point) responsible for submitting the report:

Signature: Paolo Soprano

Date: 19 December 2006

Full name of the institution: Italian Ministry of Environment, Land and Sea

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A. The participatory process involving Italian stakeholders and other relevant Institutional authorities actively engaged on Environmental Education and for Sustainable Development regards the drafting process for the Italian National Plan of Implementation of the UNECE Strategy on ESD.

The initial phase of the compilation of part I of the Template for Reporting has been carried out directly by the Italian Focal Point of the process (the Italian Ministry of Environment, Land and Sea).

B. The recent reform of the Italian Constitution, recognising the importance of the territorial dimension on environmental issues, establishes that the decision-making process is concurrent among State and Regional Authorities.

¹ This document was not formally edited

The Budget Law for 2007 provides funds for Sustainable Development part of which are targeted to Environmental Education initiatives for Sustainable Development.

TEMPLATE FOR REPORTING

ISSUE² 1. ENSURE THAT POLICY, REGULATORY AND OPERATIONAL FRAMEWORKS SUPPORT THE PROMOTION OF ESD	
<i>If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)</i>	
Indicator 1.1 Prerequisite measures are taken to support the promotion of ESD.	
Sub-indicator 1.1.1	Is the UNECE Strategy for ESD available in your national ³ language(s)?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify languages.</i> Italian
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The Italian National Focal Point is on behalf of the Italian Ministry of Environment, Land and Sea
Sub-indicator 1.1.3	Do you have a coordinating body for implementation of ESD?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify its mandate and coordinating mechanism. Please also specify whether its mandate covers implementation of the UNECE Strategy for ESD.</i> Secretariat has been established including the Ministry for Environment, the Ministry of Education and Regional Authorities as well as experts appointed by these Institutions.
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>Please specify whether this plan includes implementation of the UNECE Strategy for ESD.</i> The preparation of the Italian National Implementation Plan of the UNECE Strategy on ESD is in progress
Sub-indicator 1.1.5	Are there any synergies at the national level between UNECE ESD process, the UNESCO global process on the UN Decade of ESD, ⁴ and other policy processes relevant to ESD?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i> The Italian Ministry for the Environment is actively engaged participating to the Italian scientific and technical committee established at the Italian National Commission of UNESCO to promote the Decade.
Indicator 1.2 Policy, regulatory and operational frameworks support the promotion of ESD.	
Sub-indicator 1.2.1	Is ESD reflected in any national policy ⁵ document(s)?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and list major document(s)</i> In 1997, following a workshop coordinated by the Italian Ministries of environment and education, a document titled “Chart of Principles for Environmental Education towards sustainable development and awareness” was drafted and approved. This framework document is actually available only in Italian language.
Sub-indicator 1.2.2	Is ESD: (a) addressed in relevant national education legislation/regulatory document(s); and (b) included in your national curricula and/or national standards/ordinances/ requirements; at all levels of formal education, as understood by your education system in accordance with ISCED? ⁶

² Issues 1 to 6 are in accordance with the objectives of the Strategy.

³ For countries with a federal government structure, all references to “national” apply to “state”, as appropriate In this context, “data at the national level” means aggregated data received from substate entities.

⁴ The United Nations General Assembly in its resolution 57/254 of 20 December 2002 proclaimed the 10-year period beginning on 1 January 2005 the United Nations Decade of Education for Sustainable Development.

⁵ Policy documents may include national strategies, plans, programmes, guidelines and the like.

⁶ International Standard Classification of Education (ISCED), UNESCO, 1997 (http://www.unesco.org/education/information/nfsunesco/doc/isced_1997.htm).

(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<p><i>Please specify for (a) and (b). Fill in the table by ticking (V) as appropriate.</i></p> <table border="1" data-bbox="856 266 1402 591"> <thead> <tr> <th rowspan="2">ISCED⁷</th> <th colspan="2">(a)</th> <th colspan="2">(b)⁸</th> </tr> <tr> <th>Yes</th> <th>No</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5⁹</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Teacher education</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ISCED ⁷	(a)		(b) ⁸		Yes	No	Yes	No	0					1					2					3					4					5 ⁹					6					Teacher education				
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Sub-indicator 1.2.3	Are non-formal and informal ESD addressed in your relevant national policy and/or regulatory document(s) and operational frameworks?																																																	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p><i>Please specify.</i></p> The Italian National Program on Environmental Education, Information and Training - 2001/2005 - promoted and supported Regional authorities in realising activities both in non-formal and informal environmental education for sustainable development as well as formal.																																																	
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?																																																	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p><i>Please specify.</i></p> The Law n. 349 of 1986 establishing the Italian Ministry of environment provides specific roles for promoting public environmental awareness to support policies in coordination with the Ministry of education. Italy also ratified the Aarhus Convention and endorsed the EU Directive 2003/4/EC on access to environmental information through the Decree n. 195/2005.																																																	
Sub-indicator 1.2.5	Does a formal structure for interdepartmental ¹⁰ cooperation relevant to ESD exist in your government?																																																	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p><i>Please specify.</i></p> A strong interministerial cooperation between the Ministries of environment and education is at present supporting activities to draft the National Plan of Implementation of the UNECE Strategy on ESD. Moreover, a Technical Board on Environmental Education, Information and Training, established in year 2000 within the Permanent Conference of State and Regional Authorities of the Italian Presidency of the Council of Ministers, is regularly working on this sector, creating synergies and coordinating action between State and Regional Authorities.																																																	
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your government? ¹¹																																																	

⁷ Education level in accordance with ISCED.

⁸ National curricula and/or national standards/ordinances/requirements.

⁹ For higher education institutions when answering: (1) regarding national legislation: this objective is focusing equally at the first stage of tertiary education (Bachelor), the second stage (MSc) and the third stage (PhD) while covering various aspects such as **service agreements/contracts, national strategies of R&D, university organisation and studies acts, or general laws of higher educations**; (2) regarding national and/or national standards/ordinances/ requirements: special attention shall be devoted to indications of linking systems of **quality assurance and accreditation** (with regard to the Bologna process) for higher educations institutions with ESD, as well as to **regulations of study programmes and study fields** which reflect the principles of ESD.

¹⁰ Between state bodies.

¹¹ For explanation see paragraph 46 of the Strategy.

Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i> In 2003, within the Permanent Conference of State and Regional Authorities of the Italian Presidency of the Council of Ministers, a Multi stakeholders Group was established with the aim to provide cultural inputs to the Technical Board on Environmental Education, Training and Information.												
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?												
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i> The Budget Law for 2007 provides funds to support the sustainable development sector and in particular for activities on environmental education and for sustainability.												
Indicator 1.3 National policies support synergies between processes related to SD and ESD.													
Sub-indicator 1.3.1	Is ESD part of SD policy(s) if such exist in your country?												
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i> The National Environmental Action Plan for SD in Italy, in accordance with the 6 th EU EAP, identifies Environmental Education and for SD as accompanying measures to the sectoral policies.												
Issue 2. PROMOTE SD THROUGH FORMAL, NON-FORMAL AND INFORMAL LEARNING													
<i>If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)</i>													
Indicator 2.1 SD key themes are addressed in formal education.													
Sub-indicator 2.1.1	Are key themes of SD ¹² addressed explicitly in the curriculum ¹³ /programme of study at various levels of formal education?												
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: please specify in the table in Annex 1 (a) and use the scale. Indicate the results in the box below.</i> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>F</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	A	B	C	D	E	F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sub-indicator 2.1.2	Are learning outcomes (skills, attitudes and values) that support ESD addressed explicitly in the curriculum ¹⁴ /programme of study at various levels of formal education?												
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify in the table in Annex 1 (b) and use the scale. Indicate the results in the box below.</i> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>F</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	A	B	C	D	E	F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Indicator 2.2 Strategies to implement ESD are clearly identified.													
Sub-indicator 2.2.1	Is ESD addressed through: ¹⁵ (a) existing subjects ¹⁶ only? (b) a cross-curriculum approach? (c) the provision of specific subject programmes and courses? (d) a stand-alone project? ¹⁷												

¹² For explanation see paragraph 15 of the Strategy.

¹³ At the state level, where relevant.

¹⁴ See footnote 14.

¹⁵ For higher education institutions: These distinctions would be equal to: a) **courses and disciplines**, b) **interdisciplinary courses**, c) **separate, specified SD courses or seminars**, and d) **stand alone projects** implemented by the department, faculty or inter-faculty structures.

¹⁶ E.g. geography or biology. For higher education “subject” means “course”.

¹⁷ A project is interpreted as a discrete activity with its own time allocation rather than a teaching/learning method.

(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/> (c) Yes <input type="checkbox"/> No <input type="checkbox"/> (d) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: For (a)–(d) please specify for different levels of education system in accordance with ISCED in the table by ticking (V) as appropriate.</i>																																																																																									
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Indicator 2.3 A whole-institution approach¹⁸ to ESD/SD is promoted.

Sub-indicator 2.3.1 Do educational institutions¹⁹ adopt a “whole-institution approach” to SD/ESD?

Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: please specify for all levels of your education system in accordance with ISCED in the table by ticking (V) as appropriate, as well as for non-formal and informal education. If relevant data are available please also specify.</i>																											
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Sub-indicator 2.3.2 Are there any incentives (guidelines, award scheme, funding, technical support) that support “a whole institution approach to SD/ESD”?

¹⁸ A “whole institution approach” means that all aspects of an institution's internal operations and external relationships are reviewed and revised in light of SD/ESD principles. Within such an approach each institution would decide on its own actions, addressing the three overlapping spheres of Campus (management operations); Curriculum; and Community (external relationships).

¹⁹ For higher education institutions: **Whole university, whole college or whole faculty approach** (including inter-faculty approaches).

Yes <input type="checkbox"/> No <input type="checkbox"/>	<p><i>Phase II: Please specify what schemes are available for all levels of your education system in accordance with ISCED in the table by ticking (V) as appropriate, as well as for non-formal and informal education. If relevant data are available please also specify.</i></p> <table border="1" data-bbox="936 289 1325 570"> <thead> <tr> <th>ISCED levels</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr><td>0</td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>Teacher education</td><td></td><td></td></tr> </tbody> </table>	ISCED levels	Yes	No	0			1			2			3			4			5			6			Teacher education		
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Sub-indicator 2.3.3	Do institutions/learners develop their own SD indicators for their institution/organization?																											
Yes <input type="checkbox"/> No <input type="checkbox"/>	<p><i>Phase II: Please specify for all levels of your education system in accordance with ISCED, in the table by ticking (V) as appropriate, as well as for non-formal and informal education. If relevant data are available please also specify.</i></p> <table border="1" data-bbox="942 695 1314 976"> <thead> <tr> <th>ISCED levels</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr><td>0</td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>Teacher education</td><td></td><td></td></tr> </tbody> </table>	ISCED levels	Yes	No	0			1			2			3			4			5			6			Teacher education		
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Indicator 2.4 ESD is addressed by quality assessment/enhancement systems.																												
Sub-indicator 2.4.1	Are there any education quality assessment/enhancement systems that include criteria on ESD ²⁰ in: (a) national systems? (b) other?																											

²⁰ For higher education institutions: Either **national centres for quality assessment in higher education** or cooperation with general quality assessment agencies such as the European Foundation for Quality Management (EFQM).

(a) Yes No
 (b) Yes No

Phase II: Please specify for various levels of your education system in accordance with ISCED, in the table by ticking (V) as appropriate, as well as for non-formal and informal education. If relevant data are available please also specify.

ISCED levels	(a)		(b)	
	Yes	No	No	Yes
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6				
Teacher education				

Indicator 2.5 ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice.

Sub-indicator 2.5.1 Are SD issues addressed in informal and public awareness-raising activities?

Yes No *Phase II: Please specify.*²¹

Sub-indicator 2.5.2 Is there any support for work-based learning (e.g. for small companies, farmers, trade unions, associations), which addresses SD issues?

Yes No *Phase II: Please specify and provide examples.*

Sub-indicator 2.5.3 Are there any instruments (e.g. research, survey, etc.) in place to assess the outcomes of ESD as a result of non-formal and informal learning?

Yes No *Phase II: Please specify, including the results available for (a) attitude, skills and values, and (b) knowledge.*

Indicator 2.6 ESD implementation is a multi-stakeholder process.²²

Sub-indicator 2.6.1 Is ESD implementation a multi-stakeholder process?

Yes No *Phase II: Please specify in the table in Annex 2 (a) and (b) and use the scale. Indicate the results in the boxes below.*

<i>(a) according to the UNECE Strategy on ESD</i>						<i>(b) according to the UN DESD</i>					
A	B	C	D	E	F	A	B	C	D	E	F
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Issue 3. EQUIP EDUCATORS WITH THE COMPETENCE TO INCLUDE SD IN THEIR TEACHING

If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)

²¹ Please describe how this is done – for example, in press articles, TV and radio programmes or public lectures promoting environmentally friendly goods and services, sustainable lifestyles.

²² For higher education institutions: This covers the issue of **university “outreach”** (meaning a wide spectrum from regional integration, business cooperation and transdisciplinarity to eco-procurement and research-education-cooperation).

Indicator 3.1 ESD is included in the training²³ of educators.	
Sub-indicator 3.1.1	Is ESD a part of the initial educators' training? ²⁴
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify by filling in the table in Annex 3.</i>
Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training? ²⁵
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify by filling in the table in Annex 3.</i>
Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify by filling in the table in Annex 3.</i>
Indicator 3.2 Opportunities exist for educators to cooperate on ESD.	
Sub-indicator 3.2.1	Are there any networks / platforms of educators and/or leaders/administrators who are involved in ESD in your country?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify.</i>
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way? ²⁶
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify how. Please list major ones and describe as appropriate.</i>
Issue 4. ENSURE THAT ADEQUATE TOOLS AND MATERIALS FOR ESD ARE ACCESSIBLE	
<i>If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)</i>	
Indicator 4.1 Teaching tools and materials for ESD are produced.	
Sub-indicator 4.1.1	Does a national strategy/ mechanism for encouragement of development and production of ESD tools and materials exist?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please describe.</i>
Sub-indicator 4.1.2	Is public (national, subnational, local) authority money invested in this activity?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify to what extent public authority money is invested in this activity, by providing an indication of the amount (in USD) referring to the amount of ESD-related research and development expenditures, annually.</i>
Indicator 4.2 Quality control mechanisms for teaching tools and materials for ESD exist.	
Sub-indicator 4.2.1	Do you have quality criteria and/or quality guidelines for ESD-related teaching tools and materials that are: (a) supported by public authorities? (b) approved by public authorities? (c) tested and recommended for selection by educational institutions?

²³ ESD is addressed by content and/or by methodology.

²⁴ For higher education institutions: The focus is here on existing **teacher training universities/colleges** regarding SD and ESD for university/college teachers.

²⁵ For higher education institutions: The focus is here on existing **in-service training programmes** regarding SD and ESD for university/college teachers in their own universities/colleges.

²⁶ Including assistance through direct funding, in-kind help, political and institutional support.

(a) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/> (c) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase I: for (a) and (b) please describe.</i> Within the Italian National Program 2001-2005 for Environmental Education, Information and Training, an interregional project to develop a set of quality indicators has been implemented. <i>Phase II: Please specify for (a), (b) and (c) for formal, informal and non-formal education. For (c) please also describe.</i>																													
Sub-indicator 4.2.2																														
Are ESD teaching tools / materials available: (a) in national languages? (b) for all levels of education according to ISCED?																														
(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase I: For (a) please specify.</i> <i>Phase II: For (b) please specify in the table by ticking (V) as appropriate.</i> <table border="1" data-bbox="934 488 1325 792" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2" style="text-align: center;">ISCED levels</th> <th colspan="2" style="text-align: center;">(b)</th> </tr> <tr> <th style="text-align: center;"><i>No</i></th> <th style="text-align: center;"><i>Yes</i></th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0</td><td></td><td></td></tr> <tr><td style="text-align: center;">1</td><td></td><td></td></tr> <tr><td style="text-align: center;">2</td><td></td><td></td></tr> <tr><td style="text-align: center;">3</td><td></td><td></td></tr> <tr><td style="text-align: center;">4</td><td></td><td></td></tr> <tr><td style="text-align: center;">5</td><td></td><td></td></tr> <tr><td style="text-align: center;">6</td><td></td><td></td></tr> <tr><td style="text-align: center;">Teacher education</td><td></td><td></td></tr> </tbody> </table>	ISCED levels	(b)		<i>No</i>	<i>Yes</i>	0			1			2			3			4			5			6			Teacher education		
ISCED levels	(b)																													
	<i>No</i>	<i>Yes</i>																												
0																														
1																														
2																														
3																														
4																														
5																														
6																														
Teacher education																														
Indicator 4.3 Teaching tools and materials for ESD are accessible.																														
Sub-indicator 4.3.1																														
Does a national strategy/mechanism for dissemination of ESD tools and materials exist?																														
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please describe.</i>																													
Sub-indicator 4.3.2																														
Is public authority money invested in this activity?																														
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify to what extent by providing an indication of the amount in USD referring to the amount of ESD related R&D expenditures, annually.</i>																													
Sub-indicator 4.3.3																														
Are approved ESD teaching materials available through the Internet?																														
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please describe.</i>																													
Sub-indicator 4.3.4																														
Is a register or database of ESD teaching tools and materials in national language(s): (a) accessible through the Internet? (b) provided through other channels?																														
(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>For (a) and (b) please specify.</i>																													
Issue 5. PROMOTE RESEARCH ON AND DEVELOPMENT OF ESD																														

<i>If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)</i>	
Indicator 5.1 Research²⁷ on ESD is promoted.	
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD ²⁸ supported?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify and provide the total amount annually over the reporting period, and if feasible, as % of the total research budget.</i>
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 5.1.3	Are post-graduate programmes available: (1) on ESD: ²⁹ (a) for the master's level? (b) for the doctorate level? (2) addressing ESD: (a) for the master's level? (b) for the doctorate level?
(1) (a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/> (2) (a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify for (1) (a) and (b); (2) (a) and (b).</i>
Sub-indicator 5.1.4	Are there any scholarships supported by public authorities for post-graduate research in ESD: (a) for the master's level; (b) for the doctorate level?
(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify for (a) and (b).</i>
Indicator 5.2 Development of ESD is promoted.	
Sub-indicator 5.2.1	Is there any support for innovation and capacity-building in ESD practice? ³⁰
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify and provide the total amount annually over the reporting period.</i>
Indicator 5.3 Dissemination of research results on ESD is promoted.	
Sub-indicator 5.3.1	Is there any public authority support for mechanisms ³¹ to share the results of research and examples of good practices in ESD ³² among authorities and stakeholders?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: please specify and provide the total amount annually over the reporting period.</i>
Sub-indicator 5.3.2	Are there any scientific publications: (a) specifically on ESD? (b) addressing ESD?

²⁷ These includes support from various sources, such as state, local authorities, business and non-governmental sources.

²⁸ E.g. concepts; formation of attitudes and values; development of competencies, teaching and learning; school development; implementation of ICT; means of evaluation including socio-economic impacts.

²⁹ ESD is addressed by substance and/or by approach.

³⁰ Activities may include pilot projects, action research, social learning, multi-stakeholder teams.

³¹ E.g. conferences, summer schools, journals, periodicals, networks.

³² E.g. 'participatory approach'; links to local, regional and global problems; integrative approach to environmental, economic and social issues; orientation to understanding, preventing and solving problems.

(a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase I: For (a) if feasible, please provide the number on annual basis over the reporting period. Please list the major ones.</i>
	<i>Phase II: For (b) if feasible, please provide the number on annual basis over the reporting period. Please list the major ones.</i>
Issue 6. STRENGTHEN COOPERATION ON ESD AT ALL LEVELS WITHIN THE UNECE REGION	
<i>If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)</i>	
Indicator 6.1 International cooperation on ESD is strengthened within the UNECE region and beyond.	
Sub-indicator 6.1.1	Do your public authorities cooperate in/support international ³³ networks on ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify for national, subnational and local levels and list major networks.</i>
Sub-indicator 6.1.2	Do educational institutions/organisations (formal and non-formal) in your country participate in international networks related to ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify. List major networks.</i>
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms/agreements that include an explicit ESD component?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Phase II: Please specify and list the major ones.</i>
Sub-indicator 6.1.4	Does your Government take any steps to promote ESD in international forums outside the UNECE region?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please list and describe.</i>
Issue 7. FOSTER CONSERVATION, USE AND PROMOTION OF KNOWLEDGE OF INDIGENOUS PEOPLE IN ESD	
<i>Provide relevant information on your country situation regarding this specific issue. (up to 2,000 characters with spaces). Please be as specific as possible.</i>	
<i>Phase II: Please provide the updated information to indicate changes over time.</i>	
<i>Phase III: please provide the updated information to indicate changes over time.</i>	
Issue 8. DESCRIBE ANY CHALLENGES AND OBSTACLES ENCOUNTERED IN THE IMPLEMENTATION OF THE STRATEGY	
<i>Provide relevant information on your country situation regarding this specific issue (up to 1,500 characters with spaces). Please be as specific as possible.</i>	
<i>Phase II: please provide the updated information to indicate changes over time.</i>	

³³ In this context, “international associations, working groups, programmes, partnerships etc. covers “global”, “regional” and “subregional”.

Phase III: please provide the updated information to indicate changes over time.

Issue 9. DESCRIBE ANY ASSISTANCE NEEDED TO IMPROVE IMPLEMENTATION

Provide relevant information on your country situation regarding this specific issue (up to 1,500 characters with spaces). Please be as specific as possible.

Phase II: please provide the updated information to indicate changes over time.

Phase III: please provide the updated information to indicate changes over time.

Annex 1 (a)

Indicator 2.1, sub-indicator 2.1.1

Please specify which key themes of SD are addressed explicitly in the curriculum/programme of study at various levels of formal education, by filling in the table below.
(Please tick (V) relevant themes for each level. Use the blank rows to insert additional themes that are considered to be key themes in addressing learning for sustainable development.)

Some key themes covered by sustainable development	ISCED Levels					
	0	1	2	3	4	5
Peace studies (international relations, security and conflict resolution, partnerships, etc.)						
Ethics and philosophy						
Citizenship, democracy and governance						
Human rights, (including gender, racial and inter-generational equity;)						
Poverty alleviation						
Cultural diversity						
Biological and landscape diversity						
Environmental Protection (Waste management, etc.)						
Ecological principles/ecosystem approach						
Natural resource management (including water, soil, mineral, fossil fuels, etc...)						
Climate change						
Personal and family health (e.g. HIV/AIDS, drug abuse, ...)						
Environmental health (e.g. food and drinking; water quality; pollution)						
Corporate social responsibility						
Production and/or consumption patterns						
Economics						
Rural/urban development						
Total						
Other (countries to add as many as needed)						

NB The indicator will be reflected by (a) a scale based on the sum of ticks and (b) changes in the pattern of response between subsequent reports.

The assessment key for this table (max. 102 ticks; "other" not counted) is:

No. of ticks	0-5	6-10	11-25	26-50	51-75	76-100
Scale	A	B	C	D	E	F

Annex 1 (b)

Indicator 2.1, sub-indicator 2.1.2

Please specify the extent to which the following broad areas of competence that support ESD are addressed explicitly in the curriculum³⁴/programme of study at various levels of formal education, by filling in the table below.

(Please tick (V) relevant expected learning outcomes for each level. Use the blank rows to insert additional learning outcomes (skills, attitudes and values) that are considered to be key outcomes in your country in learning for sustainable development.)

Table of learning outcomes

Competence	Expected outcomes	ISCED Levels					
		0	1	2	3	4	5
Learning to learn Does education at each level enhance learners' capacity for:	- posing analytical questions/critical thinking						
	- understanding complexity/systemic thinking						
	- overcoming obstacles/problem-solving						
	- managing change/problem-setting						
	- creative thinking/future-oriented thinking						
	- understanding interrelationships across disciplines/holistic approach						
	Total						
	- other (countries to add as many as needed)						
Learning to do Does education at each level enhance learners' capacity for:	Expected outcomes	0	1	2	3	4	5
	- applying learning in a variety of life-wide contexts						
	- decision making, including in situations of uncertainty						
	- dealing with crises and risks						
	- acting responsibly						
	- acting with self-respect						
	- acting with determination						
	Total						
- other (countries to add as many as needed)							
Learning to be Does education at each level enhance learners' capacity for:	Expected outcomes	0	1	2	3	4	5
	- self-confidence						
	- self-expression and communication						
	- coping under stress						
	- ability to identify and clarify values (for phase III)						
	Total						
- other (countries to add as many as needed)							

³⁴ At state level, where relevant.

	-							
Learning to live and work together Does education at each level enhance learners' capacity for:	Expected outcomes	0	1	2	3	4	5	
	- acting with responsibility (locally and globally)							
	- acting with respect for others							
	- identifying stakeholders and their interests							
	- collaboration/team working							
	- participation in democratic decision making							
	- negotiation and consensus building							
	- distributing responsibilities (subsidiarity)							
	Total							
	- other (<i>countries to add as many as needed</i>)							
	-							

NB The indicator will be reflected by (a) a scale based on the sum of ticks and (b) changes in the pattern of response between subsequent reports.

The assessment key for this table (max. 138 ticks; "other" not counted) is:

No. of ticks	0-7	8-14	15-35	36-70	71-104	105-138
Scale	A	B	C	D	E	F

Annex 2

Indicator 2.6, sub-indicator 2.6.1

Please specify to what extent is ESD implementation is a multi-stakeholder process, by filling in the table below? Please provide examples of good practice. (Please tick (V) in what type of education stakeholders are involved in both (a) and (b) template-tables.)

Table (a) According to the UNECE Strategy for ESD

Stakeholders	Classification by UNECE Strategy for ESD		
	Formal	Non-formal	Informal
NGOs			
Local government			
Organized labour			
Private sector			
Community-based			
Faith-based			
Media			
Total			
Other (countries to add as many as needed)			

The assessment key for this table (max. 21 ticks; "other" not counted) is:

No. of ticks	0-1	2	3-5	6-10	11-15	16-21
Scale	A	B	C	D	E	F

Table (b) According to UN DESD

Stakeholders	Classification by UN DESD				
	Public awareness	Quality education	Reorienting education	Training	Social learning
NGOs					
Local government					
Organized labour					
Private sector					
Community-based					
Faith-based					
Media					
Total					
Other (countries to add as many as needed)					

The assessment key for this table (max. 35 ticks; "other" not counted) is:

No. of ticks	0-5	6-11	12-17	18-23	24-29	30-35
Scale	A	B	C	D	E	F

Annex 3

Indicator 3.1, sub-indicator 3.1.3

Please specify to what extent is ESD a part of the initial and/or in-service educator's training, by filling in the table below by ticking (V) as appropriate.

ISCED levels	% of education professionals who have received training ³⁵ to integrate ESD into their practice: (see key below)																	
	Educators												Leaders/administrators ³⁶					
	Initial*						In service**						In service***					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
0																		
1																		
2																		
3																		
4																		
5																		
6																		
Non-formal																		
Informal																		

The assessment key for this table (max. 100%) is:

% of educated trainers	0–5	6–10	11–25	26–50	51–75	76–100
Scale	A	B	C	D	E	F

* Please indicate the % of educators who have received initial training on ESD to total number of educators by the reporting date.

** Please indicate the % of educators who have received training on ESD to total number of educators who received in-service teacher training by the reporting date.

*** Please indicate the % of leaders/administrators who have received training on ESD to total number of leaders/administrators who received in-service teacher training by the reporting date.

³⁵ Training is understood to include at least one day (a minimum of 5 contact hours).

³⁶ Paragraphs 54 and 55 of the UNECE Strategy on ESD.

Annex 4

Summary and self-assessment³⁷ by countries:

1	Indicator 1.1	Prerequisite measures are taken to support the promotion of ESD.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
2	Indicator 1.2	Policy, regulatory and operational frameworks support the promotion of ESD.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
3	Indicator 1.3	National policies support synergies between processes related to SD and ESD.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
4	Indicator 2.1	SD key themes are addressed in formal education.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
5	Indicator 2.2	Strategies to implement ESD are clearly identified.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
6	Indicator 2.3	A whole-institution approach to ESD/SD is promoted.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
7	Indicator 2.4	ESD is addressed by quality assessment / enhancement systems.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
8	Indicator 2.5	ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
9	Indicator 2.6	ESD implementation is a multi-stakeholder process.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
10	Indicator 3.1	ESD is included in the training of educators.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
11	Indicator 3.2	Opportunities exist for educators to cooperate on ESD.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
12	Indicator 4.1	Teaching tools and materials for ESD are produced.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
13	Indicator 4.2	Quality control mechanisms for teaching tools and materials for ESD exist.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
14	Indicator 4.3	Teaching tools and materials for ESD are accessible.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
15	Indicator 5.1	Research on ESD is promoted.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
16	Indicator 5.2	Development of ESD is promoted.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
17	Indicator 5.3	Dissemination of research results on ESD is promoted.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed
18	Indicator 6.1	International cooperation on ESD is strengthened within the UNECE region and beyond.	<input type="checkbox"/> Not started	<input type="checkbox"/> In progress	<input type="checkbox"/> Developing	<input type="checkbox"/> Completed

³⁷ On the basis of the answers to the sub-indicators, please self-assess the status of the implementation of the respective indicator in your country. If feasible, please specify the methodology used for the self-assessment. For the self-assessment, the sub-indicators having the status of "proposed" should be ignored.