# **National Implementation Report**

(As submitted by: Republic of Moldova)

# Format for reporting on implementation of the UNECE Strategy for Education for Sustainable Development Phase III: 2011–2015

The following report is submitted on behalf of the Government of **Republic of Moldova** in accordance with the decision of the ECE Steering Committee on Education for Sustainable Development.

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Date: 29/10/2014

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A. Provide brief information (not more than half a page) on the process by which this report has been prepared, including information on which types of public authorities were consulted or contributed to its preparation, how the stakeholders were consulted and how the outcome of this consultation was taken into account and on the material used as a basis for the report.
X Governmental institutions: Ministry of Environment
Stakeholders:
NGOs (please specify)
Academia (please specify)
Business (please specify)
Other (please specify): the report was placed on official web-page of Ministry of Environment www.mediu.gov.md during 3 weeks, no proposal or comments were received from ONG, academia etc.
B. Report any particular circumstances that help clarify the context of the report — for example, whether the decision-making structure is federal and/or decentralized, and whether financial constraints are a significant obstacle to implementation. (This information should not exceed half a page.)

Financial constraints

Issue¹ 1.	Ensure that policy, regulatory and operational frameworks support the promotion of ESD
If necessary, provide	relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).
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 <sup>2</sup> language(s)?
Yes X No 🗌	Romanian, Russian.
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes X No 🗌	From 2007 the national focal point is appointed from the Ministry of Environment.
Sub-indicator 1.1.3	Do you have a coordinating body for implementation of ESD?
Yes X No 🗌	The Public Relationship and Environmental Information Division within the Ministry of Environment is the coordination body for the ESD implementation. It is not mandated with the implementation of UNECE Strategy on ESD. The Implementation
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?
Yes No X	No. There is no a National Implementation Plan as such. EDS is reflected in different documents of politics, as such: National Environmental Strategy for 2014-2023, project of law of Protection of the Environment, etc.
Sub-indicator 1.1.5	Are there any synergies at the national level between the ECE ESD process, the UNESCO global process on the United Nations Decade of ESD, <sup>3</sup> and other policy processes relevant to ESD?
Yes No No	

Issues 1 to 6 herein are in accordance with the objectives (a)-(f) set out in the UNECE Strategy for ESD (CEP/AC.13/2005/3/Rev.1, para. 7).
 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 sub-State entities.
 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.

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 <sup>4</sup> document(s)?				
Yes X No 🗌	National Environmental Strategy for 2014-2023, project of Law of Protec	ction of the En	vironment.		
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? <sup>5</sup>				
(a) Yes No X	If yes, please specify details for (a) and (b).				
(b) Yes X No 🗌	Please also fill in the table by ticking ( $\checkmark$ ) as appropriate.				
	ISCED levels	(a)	(b)		
	ISCED levels	Yes	Yes		
	0. Early childhood education				
	1. Primary education		X		
	2. Lower secondary education		X		
	3. Upper secondary education		X		
	4. Post secondary non-tertiary education	1			
	5. Short-cycle tertiary education				
	6. Bachelor's or equivalent level				
	7. Master's or equivalent level				
	8. Doctoral or equivalent level				
Sub-indicator 1.2.3	Are non-formal and informal ESD addressed in your relevant national poframeworks?	licy and/or reg	ulatory do	cument(s) and operational	
Yes X No 🗌	In strategic documents was draw out the main task in the field of non-forn citizen for active social and economic activity and ensuring of alternative and mature in difficulties. Also the documents established a set of concretinstitutional, financial, etc) which require important changes; and establiformal education.	e ways and edi te tasks and es	icational pe tablished ti	oossibilities, especially for youth the fields (legislative,	ı

Policy documents may include national strategies, plans, programmes, guidelines and the like.
 See http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx.

Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?
	In strategic documents is mentioned the necessity of awareness raising of the public in connection with education and development of partnerships between public and private sectors for sustaining and development of educational system.

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Sub-indicator 1.2.5	Does a formal structure for interdepartmental <sup>6</sup> cooperation relevant to ESD exist in your Government?
Yes No X	Please specify.
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your Government? <sup>7</sup>
Yes No X	Please specify.
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?
Yes No X	Please specify.
Indicator 1.3	National policies support synergies between processes related to sustainable development (SD) and ESD
Sub-indicator 1.3.1	Is ESD part of SD policy(ies) if these exist in your country?
Yes X No 🗌	In the National Strategy For Development "Moldova 2020" is recognized that "Education has an essential role in combating the poverty and ensuring sustainable economic development". Also "lifelong learning is seen as fundamental pre-condition for the long term sustainable development and economic competitiveness".

Between State bodies.
 For an explanation, see paragraph 46 of the UNECE Strategy for ESD.

Issue 2.	Promote SD through formal, non-formal and informal learning
New Code of Educa include key themes o	tion, adopted at 17 july 2014, recognize the role of education in process of Sustainable development of the society. School curriculum of SD.
Indicator 2.1	SD key themes are addressed in formal education
Sub-indicator 2.1.1	Are key themes of SD <sup>8</sup> addressed explicitly in the curriculum/programme of study at various levels <sup>9</sup> of formal education?
Yes X No 🗌	Please update the table in appendix I (a) that was used for implementation phase II under this sub-indicator, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.
	A B C D E F
Sub-indicator 2.1.2	Are learning outcomes (skills, attitudes and values) that support ESD addressed explicitly in the curriculum 10/programme of study at various levels of formal education?
Yes X No 🗌	Please specify what competences as learning outcomes are important in your country.
	Please update the table in appendix $I(b)$ that was used for implementation phase $II$ under this sub-indicator, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.
	A B C D E F

For details, see paragraph 15 of the UNECE Strategy for ESD.
 For the State or federal level, where relevant.
 Idem.

Sub-indicator 2.1.3	Are teaching/learning methods that support ESD addressed explicitly in the curriculum <sup>11</sup> /programme of study at various levels of formal education?							
Yes No No	Please specify what methods are of particular significance in your country. Please also specify for non-formal education, as appropriate.  Please also update the table in appendix I (c) that was used to report on implementation phase II, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.							
		A B C X	D	E	F			
Indicator 2.2	Strategies to imple	ment ESD are clearly identified						
Sub-indicator 2.2.1	Is ESD addressed through: (a) existing subjects <sup>12</sup> only?; (b) a cross-curriculum approach?; (c) the provision of specific subject programmes and courses?; (d) a stand-alone project? <sup>13</sup> ; (e) other approaches?							
(a) Yes X No	Please specify for di	fferent levels of education system in accorda	nce with IS	SCED by	ticking (	() in th	e table as	appropriate.
(b) Yes X No $\square$		ICCED Locals 2011	(a)	(b)	(c)	( <b>d</b> )	(e)	
(c) Yes X No $\square$		ISCED levels 2011	Yes	Yes	Yes	Yes	Yes	-
(d) Yes No		0. Early childhood education	V					-
(e) Yes \[ \] No \[ \]		1. Primary education		V				-
		2. Lower secondary education		V				-
		3. Upper secondary education		V				-
	4. Post-secondary non-tertiary education V							
		5. Short-cycle tertiary education V						-
		6. Bachelor's or equivalent level		V	V			-
		7. Master's or equivalent level		V	V			
	Please also provide	information about the incentives on the natio	nal level fo	or implei	nenting (	(a), (b), (	c), (d), an	ed (e).

Idem.
 E.g., geography or biology. For higher education, "subject" means "course".
 A project is interpreted as a discrete activity with its own time allocation rather than a teaching/learning method.

Indicator 2.3	A whole-institution approach	14 to SD/ESD is promoted			
Sub-indicator 2.3.1	Do educational institutions <sup>15</sup> adopt a "whole-institution approach" to SD/ESD?				
		opted as one priority action area that every school a ent a whole-institution approach. Please provide info	-	* *	
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	on for all levels of your education system in accordan a-formal and informal education, as appropriate.	ce with I	SCED by ticking ( $\checkmark$ ) in the table as	
		ISCED levels 2011	Yes		
		0. Early childhood education			
		1. Primary education			
		2. Lower secondary education			
		3. Upper secondary education			
		4. Post-secondary non-tertiary education			
		5. Short-cycle tertiary education			
		6. Bachelor's or equivalent level			
		7. Master's or equivalent level			
		8. Doctoral or equivalent level			

A "whole institution approach" means that all aspects of an institution's internal operations and external relationships are reviewed and revised in the 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).

<sup>(</sup>external relationships).

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

Sub-indicator 2.3.2	Are there any incentives (guidelines, award scheme, funding, technical support) that support a whole-institution approach to SD/ESD, including the implementation of ESD school plans?				
Yes No X	If yes, please specify what schemes are	available for all levels of your education sys	stem.		
	Please also provide information on all e	education levels in accordance with ISCED	by ticking	( $\checkmark$ ) in the table as appropriate.	
		ISCED levels 2011	Yes		
		0. Early childhood education			
		1. Primary education			
		2. Lower secondary education			
		3. Upper secondary education			
		4. Post-secondary non-tertiary education			
		5. Short-cycle tertiary education			
		6. Bachelor's or equivalent level			
		7. Master's or equivalent level			
		8. Doctoral or equivalent level			
				-	
	Please also specify for non-formal and (provide examples).	informal education, as appropriate. If relevo	ant inform	ation is available please also specify	

Sub-indicator 2.3.3	Do institutions/learners develop their of	own SD/ESD indicators for their institution/org	ganization?			
Yes No X	Please specify (i.e., provide examples of how this is done) for formal institutions as well as for non-formal institutions.					
	Please also indicate for all levels of your education system in accordance with ISCED, by ticking ( $\checkmark$ ) in the table as appropriate					
	(a) For formal institutions:					
		ISCED levels 2011	Yes			
		0. Early childhood education				
		1. Primary education				
		2. Lower secondary education				
		3. Upper secondary education				
		4. Post-secondary non-tertiary education				
		5. Short-cycle tertiary education				
		6. Bachelor's or equivalent level				
		7. Master's or equivalent level				
		8. Doctoral or equivalent level				
	(b) For non-formal institutions:					
		ISCED levels 2011	Yes			
		0. Early childhood education				
		1. Primary education				
		2. Lower secondary education				
		3. Upper secondary education				
		4. Post-secondary non-tertiary education				
		5. Short-cycle tertiary education				
		6. Bachelor's or equivalent level				
		7. Master's or equivalent level				
		8. Doctoral or equivalent level				

Indicator 2.4	ESD is addressed by quality assessment/enhancement systems						
Sub-indicator 2.4.1	(a) Are there any education quality assessment/enhancement systems?: <sup>16</sup> (b) Do they address ESD?; (c) Are there any education quality assessment/enhancement systems ESD in national systems?						
(a) Yes X No	Please elaborate.						
(b) Yes ☐ No X (c) Yes ☐ No X	Also, please specify for various levels of your education system in accorda appropriate.	ınce with	ISCED,	by ticking	( $\checkmark$ ) in the table as		
	ISCED levels 2011	(a)	(b)	(c)			
	ISCED IEVEIS 2011	Yes	Yes	Yes			
	0. Early childhood education						
	1. Primary education						
	2. Lower secondary education						
	3. Upper secondary education						
	4. Post-secondary non-tertiary education						
	5. Short-cycle tertiary education						
	6. Bachelor's or equivalent level						
	7. Master's or equivalent level						
	8. Doctoral or equivalent level						
	Please also specify for non-formal and informal education, as appropriate. If relevant data are available, please also specify this data (i.e., provide examples on how the data was compiled).						
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 X No 🗌	In press articles for different purpose groups, TV programmes						

<sup>&</sup>lt;sup>16</sup> 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).

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 X	Please specify and provide information on new developments and good practice examples.						
Sub-indicator 2.5.3	-indicator 2.5.3 Are there any instruments (e.g. research, surveys, etc.) in place to assess the outcomes of ESD as a result of non-formal and informal learning?						
Yes No X	Please specify in particular what instruments were the most effective in assessing the outcomes of ESD as a result of non-formal/informal learning.						
Indicator 2.6	ESD implementation is a multi-stakeholder process <sup>17</sup>						
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?						
Yes X No 🗌	In Republic of Moldova ESD implementation represent a multi-stakeholder process. Ministry of Environment, Environmental NGO's and Media are the most important active promoters of the implementation of the ESD. But due to the opposition of the Ministry of the Education the process of the implementation of ESD is slow.						
Issue 3.	Equip educators with the competence to include SD in their teaching						
If necessary, provide	e relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).						
Indicator 3.1	ESD is included in the training <sup>18</sup> of educators						
Sub-indicator 3.1.1	Is ESD a part of educators' initial training? <sup>19</sup>						
Yes No X							

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).

ESD is addressed by content and/or by methodology.

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

Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training? <sup>20</sup>						
Yes No X	In particular specify what ESD competences are explicitly included in training programmes. Please also specify to what extent the training programmes are mandatory or optional.						
	Please also update the information provided under the phase II national implementation reporting in appendix III.						
Sub-indicator 3.1.3	ub-indicator 3.1.3 Is ESD a part of training of leaders and administrators of educational institutions?						
Yes No X Please specify what ESD competences are explicitly included in training programmes. Please also specify to what extent the train programmes are accessible and whether they are mandatory or optional.							
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 No X	Please specify.						
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way? <sup>21</sup>						
Yes No X	Please specify how, listing the major ones, and describing them as appropriate.						
Issue 4.	Ensure that adequate tools and materials for ESD are accessible						
If necessary, provide	relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).						
Indicator 4.1 Teaching tools and materials for ESD are produced							
Sub-indicator 4.1.1	Does a national strategy/mechanism for encouragement of the development and production of ESD tools and materials exist?						
Yes No X	Please describe.						

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

Sub-indicator 4.1.2	Is public (national, subnational, local) authority money invested in this activity?								
	Please specify to what extent public money is invested in this activity, by providing an indication of the amount (in United States dollars (USD)) for annual expenditures on ESD-related research and development.								
Indicator 4.2	Quality control mechanisms for teach	ning tools and materials for ESD exist							
		ity guidelines for ESD-related teaching tools norities?; (c) tested and recommended for sele							
(a) Yes No X									
(b) Yes No X	Please specify.								
(c) Yes \[ \] No X									
Sub-indicator 4.2.2	Are ESD teaching tools/materials availa	ble: (a) in national languages?; (b) for all leve	els of edu	cation according to ISCED?					
(a) Yes No X	Please specify. If the answer is yes for (	b), please specify by ticking ( $\checkmark$ ) in the table $\alpha$	as approp	riate.					
(b) Yes No X									
		ISCED levels 2011 <sup>22</sup>	Yes						
		0. Early childhood education							
		1. Primary education							
		2. Lower secondary education							
		3. Upper secondary education							
		4. Post-secondary non-tertiary education							
		5. Short-cycle tertiary education							
		6. Bachelor's or equivalent level							
		7. Master's or equivalent level							
		8 Doctoral or equivalent level							
Indicator 4.3	Teaching tools and materials for ESI	are accessible							
Sub-indicator 4.3.1	Does a national strategy/mechanism for	dissemination of ESD tools and materials exi	ist?						
Yes No X	Please describe and in particular highli	ght what measures are the most efficient for a	lissemina	tion.					

<sup>&</sup>lt;sup>22</sup> Education level in accordance with ISCED.

Sub-indicator 4.3.2	Is public authority money invested in this activity?				
Yes No X	Please specify to what extent by providing an indication of the amount in USD, and please also mention any other significant sources of funding.				
Sub-indicator 4.3.3	Are approved ESD teaching materials available through the Internet?				
Yes No X	Please describe and name in particular official Internet sites.				
Sub-indicator 4.3.4 Is a register or database of ESD teaching tools and materials in the national language(s): (a) accessible through the Interdible (b) provided through other channels?					
(a) Yes No X	For (a) and (b) please specify and mention by whom it was established and by whom it is managed.				
(b) Yes No X					
Concluding remarks issue 4	Please provide any concluding remarks you may have concerning the implementation of issue 4, which corresponds to objective (d) under the Strategy, namely, to ensure that adequate tools and materials for ESD are accessible				
	Please address in particular the following questions:  - Which actions/initiatives have been particularly successful and why?  - What challenges did your country encounter when implementing this objective?  - Which other considerations have to be taken into account in future ESD implementation concerning this objective?				
Issue 5.	Promote research on and development of ESD				
If necessary, provide	e relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).				
Indicator 5.1	Research <sup>23</sup> on ESD is promoted				
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD <sup>24</sup> supported?				
Yes No X	Please specify in particular the most important outcomes of supported research.				
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?				
Yes No X	Please specify what subjects were investigated and list major reports.				

<sup>&</sup>lt;sup>23</sup> These include support from various sources, such as State, local authorities, business and non-governmental organizations or

institutions.

E.g. concepts; formation of attitudes and values; development of competencies, teaching and learning; school development; implementation of information communications technology; and means of evaluation, including socioeconomic impacts.

Sub-indicator 5.1.3	Are post-graduate programmes available: (1) on ESD: <sup>25</sup> (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)	Please specify what programmes are available and list the most important academic dissertations that address ESD.
(a) Yes No X	t tease specify what programmes are available and tist the most important academic dissertations that dadress ESD.
(b) Yes No X	
(2)	
(a) Yes No X	
(b) Yes No X	
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 No X	Please provide information on (a) and (b).
(b) Yes No X	
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? <sup>26</sup>
Yes No X	Please specify what main projects were/are being implemented to that end.
Indicator 5.3	Dissemination of research results on ESD is promoted
Sub-indicator 5.3.1	Is there any public authority support for mechanisms <sup>27</sup> to share the results of research and examples of good practices in ESD <sup>28</sup> among authorities and stakeholders?
Yes No X	Please specify and provide information about where published research and dissertations are accessible.

ESD is addressed by substance and/or by approach.
 Activities may include projects, action research, social learning and multi-stakeholder teams.
 E.g., conferences, summer schools, journals, periodicals, networks.
 E.g., the "participatory approach"; links to local, regional and global problems; an integrative approach to environmental, economic and social issues; an orientation to understanding, preventing and solving problems.

Sub-indicator 5.3.2	Are there any scientific publications: (a) specifically on ESD?;(b) addressing ESD?
(a) Yes No X	Please name the major publications for (a) and (b).
(b) Yes  No X	
Concluding remarks on issue 5	Please provide any concluding remarks you may have concerning the implementation of issue 5, which corresponds to objective (e) under the Strategy, namely, to promote research on and development of ESD.
	- Which actions/initiatives have been particularly successful and why?
	<ul> <li>What challenges did your country encounter when implementing this objective?</li> <li>Which other considerations have to be taken into account in future ESD implementation concerning this objective?</li> </ul>
Issue 6.	Strengthen cooperation on ESD at all levels within the ECE region
If necessary, provide	e relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).
Indicator 6.1	International cooperation on ESD is strengthened within the ECE region and beyond
	International cooperation on ESD is strengthened within the ECE region and beyond  Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?
Sub-indicator 6.1.1	Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?
Sub-indicator 6.1.1 Yes  No	Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?  Please specify concrete networks and explain who supports these networks.  Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to
Sub-indicator 6.1.1  Yes No Sub-indicator 6.1.2	Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?  Please specify concrete networks and explain who supports these networks.  Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to ESD?
Sub-indicator 6.1.1  Yes No Sub-indicator 6.1.2  Yes No No Sub-indicator 6.1.2	Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?  Please specify concrete networks and explain who supports these networks.  Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to ESD?  Please specify. List major networks.
Sub-indicator 6.1.1  Yes No Sub-indicator 6.1.2  Yes No Sub-indicator 6.1.3	Do your public authorities cooperate in/support international <sup>29</sup> networks on ESD?  Please specify concrete networks and explain who supports these networks.  Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to ESD?  Please specify. List major networks.  Are there any state, bilateral and/or multilateral cooperation mechanisms/agreements that include an explicit ESD component?  Bilateral Agreements of collaboration on environment between Rep. of Molodva and Russia, Belarus, Lithuania, Poland, Romania,

<sup>&</sup>lt;sup>29</sup> In this context, international associations, working groups, programmes, partnerships, etc., means those at the global, regional and subregional levels.

Concluding remarks on issue 6	Please provide any concluding remarks you may have concerning the implementation of issue 6, which corresponds to objective (f) under the Strategy, namely, to strengthen cooperation on ESD at all levels within the ECE region				
	Please address in particular the following questions:  - Which actions/ initiatives have been particularly successful and for which reason?  - What challenges did your country encounter when implementing this objective?  - Which other considerations have to be taken into account in future ESD implementation concerning this objective?				
Issue 7. Foster conservation, use and promotion of knowledge of indigenous peoples, as well as local and traditional knowledge, in ESD					

Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.

What the role does this issue play in ESD implementation in your country? Please provide updated information to indicate changes over time.

#### Issue 8. Describe any challenges and obstacles encountered in the implementation of the Strategy

The ESD Strategy implementation in the Republic of Moldova, as well as other important regional processes implementation, slowed-down as result of continued political instability in the country during 2010-2014 and lake of successive prioritization of ESD at decision making level. The existing Action Plan on ESD implementation approved at ministerial level (MoEnvironment and MoEductaion )in 2008 needs to be updated and approved by the Governmental Decision, after wide public hearing process. Actually the efforts are being focused on creation of the national platform and mechanisms of collaboration with all interested stakeholders.

#### Issue 9. Future implementation of Education for Sustainable Development

Is there a political commitment/an indication that ESD implementation will continue to be supported after the end of phase III of the UNECE Strategy for ESD and after the United Nations Decade of ESD in your country? If yes, is there already an indication of implementation priorities?

## Appendix I (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 ( $\checkmark$ ) relevant themes for each level. Use the blank rows to insert additional themes that are considered to be key themes in addressing learning for SD.)

Also, could you specify which specific themes are of critical importance in your country and why?

			I	SCEI	) Leve	els 20	11		
Some key themes covered by sustainable development	0	1	2	3	4	5	6	7	8
Peace studies (e.g., international relations, security and conflict resolution, partnerships)									
Ethics and philosophy									
Citizenship, democracy and governance								V	V
Human rights (e.g., gender and racial and intergenerational equity)							V	V	V
Poverty alleviation								V	
Cultural diversity							V	V	
Biological and landscape diversity	V	V						V	
Environmental protection (waste management, etc.)	V	V							
Ecological principles/ecosystem approach									
Natural resource management (e.g., water, soil, mineral, fossil fuels)									
Climate change									
Personal and family health (e.g., HIV/AIDS, drug abuse)							V	V	V
Environmental health (e.g., food and drinking; water quality; pollution)									
Corporate social responsibility									
Production and/or consumption patterns									
Economics							V	V	V
Rural/urban development									
Total									
Other (countries to add as many as needed)									

*Note*: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

The scoring key for this table (maximum 153 ticks; "other" categories not counted) is:

No. of ticks	0–9	10–16	17–39	40–75	76–112	113–153
Scale	A	В	С	D	Е	F

#### Appendix I (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 curriculum<sup>30</sup>/programme of study at various levels of formal education, by filling in the table below. (*Please tick* ( ) 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 SD.)

## **Table of learning outcomes**

						ISCED Levels											
Competence	Expected outcomes				3	4	5	6	7	8							
Learning to learn	- posing analytical questions/critical thinking?							V	V	V							
Does education at each level enhance	- understanding complexity/systemic thinking?	V	V	V	V	V	V	V	V	V							
learners' capacity for:	- overcoming obstacles/problem-solving?									V							
	- managing change/problem-setting?																
	- creative thinking/future-oriented thinking?		V	V	V	V	V	V	V	V							
	- understanding interrelationships across disciplines/holistic approach?									V							
	Total	1	2	2	2	2	2	3	3	5							
	- other (countries to add as many as needed)?																
	-																
Learning to do	- applying learning in a variety of life-wide contexts?																
Does education at each level enhance	- decision-making, including in situations of uncertainty?																
learners' capacity for:	- dealing with crises and risks?																
	- acting responsibly?	V	V	V	V	V	V	V	V	V							
	- acting with self-respect?																
	- acting with determination?		V	V	V	V	V	V	V	V							
	Total	1	2	2	2	2	2	2	2	2							
	- other (countries to add as many as needed)?																

At the state level, where relevant.

				ISCED Levels											
Competence	Expected outcomes				3	4	5	6	7	8					
Learning to be	- self-confidence?		V	V	V	V				V					
Does education at each level enhance	- self-expression and communication?	V	V	V	V	V	V	V	V	V					
learners' capacity for:	- coping under stress?														
	- ability to identify and clarify values (for phase III)?									V					
	Total	1	2	2	2	2	1	1	1	3					
	- other (countries to add as many as needed)?														
Learning to live and work together	- acting with responsibility (locally and globally)?				V	V	V	V	V	V					
Does education at each level enhance	- acting with respect for others?				V	V	V	V	V	V					
learners' capacity for:	- identifying stakeholders and their interests?					V	V	V		V					
	- collaboration/team working?				V	V	V	V	V	V					
	- participation in democratic decision-making?			<u> </u>		<u> </u>		V	V	V					
	- negotiation and consensus-building?							V	V	V					
	- distributing responsibilities (subsidiarity)?							V	V	V					
	Total	0	0	0	3	4	4	7	6	7					
	- other (countries to add as many as needed)?									ļ]					
	-														

*Note*: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

The scoring key for this table (maximum 207 ticks; "other" not counted) is:

No. of ticks	0-11	12–21	22–53	54–105	106–156	157–207
Scale	Α	В	C	D	Е	F

### Appendix I (c)

#### Indicator 2.1, sub-indicator 2.1.3

Please indicate the teaching/learning methods used for ESD at the different ISCED levels. (*Please tick* ( ) relevant teaching/learning methods for each level. Use the blank rows to insert additional teaching/learning methods that are considered to be key methods in your country in teaching-learning for sustainable development.)

#### Table of teaching-learning methods

	ISCED Levels											
Some key ESD teaching/learning methods proposed by the Strategy <sup>a</sup>	0	1	2	3	4	5	6	7	8			
Discussions	V	V	V	V	V	V	V	V	V			
Conceptual and perceptual mapping												
Philosophical inquiry												
Value clarification						V	V	V	V			
Simulations; role playing; games	V	V	V	V	V	V	V	V	V			
Scenarios; modelling												
Information and communication technology (ICT)									V			
Surveys									V			
Case studies						V	V	V	V			
Excursions and outdoor learning		V	V	V	V							
Learner-driven projects												
Good practice analyses									V			
Workplace experience												
Problem-solving									V			
Total	2	3	3	3	3	4	4	4	8			
Other (countries to add as many as needed)												

*Note*: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

The scoring key for this table (maximum 126 ticks; "other" not counted) is:

No. of ticks	0–8	9–42	43-53	54–76	77–98	99–126
Scale	A	В	C	D	Е	F

<sup>&</sup>lt;sup>a</sup> Please refer to paragraph 33(e) of the UNECE Strategy for ESD.

# **Appendix II**

#### **Indicator 2.6, sub-indicator 2.6.1**

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

Table (a)
According to the UNECE Strategy for ESD

	Classification by UNECE Strategy for ESI						
Stakeholders	Formal	Non-formal	Informal				
NGOs							
Local government							
Organized labour							
Private sector							
Community-based							
Faith-based							
Media			V				
Total			1				
Other (countries to add as many as needed)							

The scoring key for this table (maximum 21 ticks; "other" not counted) is:

No. of ticks	0–1	2	3–5	6–10	11–15	16–21
Scale	A	В	С	D	Е	F

Table (b)
According to United Nations Decade of ESD

	Classification by United Nations Decade of ESD							
Stakeholders	Public awareness	Quality education	Reorienting education	Training	Social learning			
NGOs								
Local government								
Organized labour								
Private sector								
Community-based								
Faith-based								
Media	V							
Total	1							
Other (countries to add as many as needed)								

The scoring key for this table (maximum 35 ticks; "other" not counted) is:

No. of ticks	0–5	6–11	12–17	18–23	24–29	30–35
Scale	A	В	C	D	Е	F

### **Appendix III**

#### **Indicator 3.1, sub-indicator 3.1.3**

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

		Percentage of education professionals who have received training <sup>a</sup> to integrate ESD into their practice																
					Ì	Educ	cator	S					$\boldsymbol{L}$	eadei	rs/ad	minis	strato	rs <sup>b</sup>
		<i>Initial</i> <sup>c</sup>						j	In sei	rvice'	d				In se	rvice	e	
ISCED levels	A	В	C	D	E	F	A	В	C	D	E	F	A	В	C	D	E	F
0.																		
1.																		
2.																		
3.																		
4.																		
5.														<u> </u>			<u> </u>	
6.																		
7.																		
8.								<u> </u>										
Non-formal																		
Informal																		

- Training is understood to include at least one day (a minimum of five contact hours).
   See paras. 54 and 55 of the UNECE Strategy for ESD.
- <sup>c</sup> Please indicate the number of educators who have received initial training on ESD as a percentage of the total number of educators by the reporting date.
- <sup>d</sup> Please indicate the number of educators who have received training on ESD as a percentage of the total number of educators who received in-service teacher training by the reporting date.
- <sup>e</sup> Please indicate the number of leaders/administrators who have received training on ESD as a percentage of total number of leaders/administrators who received in-service teacher training by the reporting date.

The scoring key for this table (maximum 100%) is:

Percentage of educated trainers	0–5	6–10	11–25	26-50	51–75	
Scale	A	В	C	D	Е	F

# **Appendix IV**

## **Summary and self-assessment by countries**

Please specify the status of efforts to implement the sub-indicators listed in the table below by ticking ( $\checkmark$ ) as appropriate.

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.

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