National Implementation Report

(As submitted by: Serbia)

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



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.

Governmental institutions (please specify) Ministry of Education, Science and Technological Development

Stakeholders:

NGOs (please specify) Regional Environmental Center (REC), Belgrade

Academia (please specify)

Business (please specify)

Other (please specify)

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.)

Issue ¹ 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 ² language(s)?
Yes 🗌 No 🗌	Please specify languages.
	In Serbian language
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes 🗌 No 🗌	If yes, please specify in which ministrie(s)/department(s) the focal point(s) are located. Ministry of Education, Science and Technological Development of Serbia Ministry of Agriculture and Environmental Protection of Serbia
Sub-indicator 1.1.3	Do you have a coordinating body for implementation of ESD?
Yes 🗌 No 🗌	Please specify its mandate and coordinating mechanism. Please also specify whether its mandate covers implementation of the UNECE Strategy for ESD.
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?
Yes 🗌 No 🗌	Please specify whether this plan includes implementation of the UNECE Strategy for ESD and please indicate the Internet address where it is accessible.
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, ³ and other policy processes relevant to ESD?
Yes 🗌 No 🗌	Please specify and list major documents.

 ¹ 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).
 ² 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.
 ³ 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 operationa	al frameworks support the promotion of	ESD				
Sub-indicator 1.2.1	s ESD reflected in any national policy ⁴ document(s)?						
Yes 🗌 No 🗌	Please specify and list any major de	lease specify and list any major document(s).					
	Strategy for Development of Edu	cation in Serbia by 2020					
	National Strategy for Environme	ntal Protection					
Sub-indicator 1.2.2		ntional education legislation/regulatory doc s/requirements at all levels of formal educa					
(a) Yes 🗌 No 🗌	If yes, please specify details for (a)	and (b).					
(b) Yes 🗌 No 🗌		of the Education System - Education and					
	importance of sustainable develop importance of animal protection	ment, protection and preservation of nat	ure and e	environme	ent, ecology related ethics and the		
	Textbook Quality Standards						
		ofessional Development – Ministry's prior					
	courses	al Development Courses (issued bi-annua	$\ln(y) - \ln c$	ludes envi	ironmental protection training		
		a consists environmental protection issu					
	•	consists environmental protection issue					
	Subject and inter subject s	tudent competence at the end secondary	school (le	earning o	outcomes)		
	Please also fill in the table by tickin	g (✔) as appropriate.					
		r			'		
		ISCED levels	(a)	(b)			
		0. Fasta abilitar di abaasian	Yes	Yes			
		0. Early childhood education 1. Primary education	 ✓ ✓ 	 ✓ ✓ 			
		2. Lower secondary education	 /	· ·	•		
		3. Upper secondary education		/			
		4. Post secondary non-tertiary education	1				

 ⁴ Policy documents may include national strategies, plans, programmes, guidelines and the like.
 ⁵ See http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx.

		5. Short-cycle tertiary education						
		6. Bachelor's or equivalent level	 ✓ 					
		7. Master's or equivalent level	 ✓ 					
		8. Doctoral or equivalent level	✓					
	Are non-formal and informal ESD addressed in your relevant national policy and/or regulatory document(s) and operational frameworks?							
Yes 🗌 No 🗌	Please specify.							
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?							
Yes 🗌 No 🗌	Please specify.							
	School programme includes these topics. These institutions have obligation to prepare environmental protection and sustainable development. prevention programmes.							
	Schools realize project activities addressed public awareness in relation to environmental protection and sustainable development.							

Sub-indicator 1.2.5	Does a formal structure for interdepartmental ⁶ cooperation relevant to ESD exist in your Government?
Yes 🗌 No 🗌	Please specify.
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your Government? ⁷
Yes 🗌 No 🗌	Please specify.
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?
Yes 🗌 No 🗌	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 🗌 No 🗌	Please specify.
	These topics are included in national strategies.
0	Please provide any concluding remarks you may have concerning the implementation of issue 1, which corresponds to objective (a) under the Strategy, namely, to ensure that policy, regulatory and operational frameworks support the promotion of ESD
	Please address in particular the following questions:
	 Which actions/initiatives have been particularly successful and why? Cooperation with Regional Environmental Center: implementation Green packet programme, and IPA project Support Human Capital Development and Research – General Education and Human Capital Development What challenges did your country encounter when implementing this objective? Lack of multi-stakeholder cooperation Lack of finance Which other considerations have to be taken into account in future ESD implementation concerning this objective?

⁶ Between State bodies.
⁷ For an explanation, see paragraph 46 of the UNECE Strategy for ESD.

Issue 2.	Promote SD through formal, non-formal and informal learning							
If necessary, provide	e relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).							
Indicator 2.1	SD key themes are addressed in formal education							
Sub-indicator 2.1.1	Are key themes of SD ⁸ addressed explicitly in the curriculum/programme of study at various levels ⁹ of formal education?							
Yes 🗌 No 🗌	Please specify what SD issues are important in the country (i.e., biodiversity, gender, consumption/production, etc.) and how they are addressed in the curricula.							
	All topics are included, some of them in separate subject, some in project activities .							
	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 🗌 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							

⁸ For details, see paragraph 15 of the UNECE Strategy for ESD.
⁹ For the State or federal level, where relevant.
¹⁰ Idem.

Sub-indicator 2.1.3	Are teaching/learning methods that support ESD addressed explicitly in the curriculum ¹¹ /programme of study at various levels of formal education?										
Yes 🗌 No 🗌	Please specify what methods are of particular significance in your country. Please also specify for non-formal education, as appropriate.						education, as				
	Please also update the results in the box be								se II, as	appropria	tte, and indicate the
			А	В	C	D	Е	F			
Indicator 2.2	Strategies to implement	nent ESD are cl	early ide	entified							
Sub-indicator 2.2.1	Is ESD addressed thr programmes and cou							oach?; (c)) the prov	vision of s	pecific subject
(a) Yes 🗌 No 🗌	Please specify for dif	ferent levels of e	ducation	system i	n accorda	nce with I	SCED by	ticking (🖌) in th	e table as	appropriate.
(b) Yes 🗌 No 🗌						(a)	(b)	(c)	(d)	(e)	
(c) Yes 🗌 No 🗌		ISCED levels	2011			Yes	Yes	Yes	Yes	Yes	
(d) Yes [] No []		0. Early childh	ood educ	cation					~		
(e) Yes 🗌 No 🗌		1. Primary edu	cation			1	1	 ✓ 	~		
		2. Lower secor	ndary edu	ucation		/	1		1		
		3. Upper secon	dary edu	cation		1	1		1		
		4. Post-second	ary non-t	tertiary e	ducation						
		5. Short-cycle	tertiary e	ducation							
		6. Bachelor's c	or equiva	lent leve	l	1			1		
		7. Master's or	equivaler	nt level		1			1		
	Please also provide i	nformation abou	t the ince	entives of	n the natio	onal level f	for imple	menting ((a), (b), (c), (d), and	d (e).

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¹¹ Idem.
¹² E.g., geography or biology. For higher education, "subject" means "course".
¹³ 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 SE	/ESD is promoted				
Sub-indicator 2.3.1	Do educational institutions ¹⁵ adopt a "whole-institution approach" to SD/ESD?					
Yes 🗌 No 🗌	s □ No □ The Steering Committee has adopted as one priority action area that every school adopts an ESD school plan by 2015. ESD school plans are one means to implement a whole-institution approach. Please provide information on the implementation of this priori action area in your country. There were project Education for Sustainable Development in the Western Balkans: From Education to Action for Sustainable Future. All included schools in this project have this approach and they are model school for other institutions in near region This project support REC and Finland Government. Also, please provide information for all levels of your education system in accordance with ISCED by ticking (✓) in the table as appropriate and specify for non-formal and informal education, 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				

¹⁴ 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).

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

Yes 🗌 No 🗌	REC prepare guidelines and	hemes are available for all levels of your education sys I IT materials for elementary school tion on all education levels in accordance with ISCED		\checkmark) in the table as appropria
		ISCED levels 2011	Yes	
		0. Early childhood education		
		1. Primary education	1	
		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		

Sub-indicator 2.3.3	Do institutions/learners develop their own SD/ESD indicators for their institution/organization?								
Yes 🗌 No 🗌		Please specify (i.e., provide examples of how this is done) for formal institutions as well as for non-formal institutions. There are external evaluations indicators for early, primary and secondary education.							
		• • • • •		ing (\checkmark) in the table as appropriate:					
		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:								
			<u> </u>	1					
		ISCED levels 2011	Yes						
		0. Early childhood education	 ✓ 						
		1. Primary education	 ✓ 						
		2. Lower secondary education	1						
		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							

ndicator 2.4	ESD is addressed by q	uality assessment/enhancement systems					
Sub-indicator 2.4.1	(a) Are there any education quality assessment/enhancement systems?: ¹⁶ (b) Do they address ESD?; (c) Are there any education quality assessment/enhancement systems that address ESD in national systems?						
a) Yes No No b) Yes No No c) Yes No C		uation and some of indicators includes these top various levels of your education system in accorde		ISCED,	by ticking	(\checkmark) in the table as	
		ISCED levels 2011	(a)	(b)	(c)		
		ISCED levels 2011	Yes	Yes	Yes		
		0. Early childhood education	1	1			
		1. Primary education	1	1			
		2. Lower secondary education	~	1			
		3. Upper secondary education	1	1			
		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).						
ndicator 2.5	ESD methods and inst knowledge, attitude an	ruments for non-formal and informal learning ad practice	are in pl	ace to as	sess chan	inges in	
ub-indicator 2.5.1	Are SD issues addressed	in informal and public awareness-raising activitie	es?				
es 🗌 No 🗌		ide information on new developments and good pr	antina ar	amplas			

¹⁶ 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 🗍	Please specify and provide information on new developments and good practice examples.
	Some associations realize workshops for students, how to use natural materials to create new products, about recycling, using
	recycling materials etc.
Sub-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
Sub maleutor 2.5.5	informal learning?
Yes 🗌 No 🗍	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 ¹⁷
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?
Yes 🗌 No 🗌	Please specify the main stakeholders and the main impacts that those stakeholders had/have on implementation. Please update the
	information provided in the previous table for appendix II as appropriate.
Concluding	Please provide any concluding remarks you may have concerning the implementation of issue 2, which corresponds to objective (b)
remarks on issue 2	under the Strategy, namely to promote sustainable development through formal, non-formal and informal learning
	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 3.	Equip educators with the competence to include SD in their teaching
If necessary, provid	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 ¹⁸ of educators
Sub-indicator 3.1.1	Is ESD a part of educators' initial training? ¹⁹

 ¹⁷ 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).
 ¹⁸ ESD is addressed by content and/or by methodology.
 ¹⁹ For higher education institutions: the focus is here on existing teacher training at universities/colleges regarding SD and ESD for university/college teachers.

14	Yes 🗌 No 🗌	In particular specify what ESD competences ²⁰ are explicitly included in the study programmes.

²⁰ For a set of core competences in ESD please see the report by the ECE Expert Group on Competences, *Learning for the future: Competences in Education for Sustainable Development* (ECE/CEP/AC.13/2011/6), available online from http://www.unece.org/education-for-sustainable-development-esd/publications.html.html.

Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training? ²¹
	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. Each teacher picks programmes but they have obligation to achieve competences, because it is on priority list Please also update the information provided under the phase II national implementation reporting in appendix III.
Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?
Yes 🗌 No 🗌	Please specify what ESD competences are explicitly included in training programmes. Please also specify to what extent the training 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 🗌	Please specify.
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way? ²²
Yes 🗌 No 🗌	Please specify how, listing the major ones, and describing them as appropriate.
Concluding remarks issue 3	Please provide any concluding remarks you may have concerning the implementation of issue 3, which corresponds to objective (c) under the Strategy, namely to equip educators with the competence to include sustainable development in their teaching
	 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 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 🗌	Please describe.

 ²¹ 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.
 ²² 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?									
Yes 🗌 No 🗌	Please specify to what extent public money is invested in this activity, by providing dollars (USD)) for annual expenditures on ESD-related research and development.		tion of the amount (in United States							
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?									
(a) Yes No () (b) Yes No () (c) Yes No ()	Please specify. REC materials (Green packet)									
Sub-indicator 4.2.2	Are ESD teaching tools/materials available: (a) in national languages?; (b) for all le	vels of ed	lucation according to ISCED?							
(a) Yes No () (b) Yes No ()	Please specify. If the answer is yes for (b), please specify by ticking (\checkmark) in the table	e as appro	ppriate.							
	ISCED levels 2011 ²³	Yes								
	0. Early childhood education		-							
	1. Primary education	1								
	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 ESD are accessible									
Sub-indicator 4.3.1	Does a national strategy/mechanism for dissemination of ESD tools and materials e	xist?								
Yes 🗌 No 🗌	Please describe and in particular highlight what measures are the most efficient for	· dissemin	pation.							

²³ Education level in accordance with ISCED.

Sub-indicator 4.3.2	Is public authority money invested in this activity?
Yes 🗌 No 🗌	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 🗌	Please describe and name in particular official Internet sites. There are exists on REC Web site
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 Internet?; (b) provided through other channels?
(a) Yes 🗌 No 🗌	For (a) and (b) please specify and mention by whom it was established and by whom it is managed.
(b) Yes 🗌 No 🗌	
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 ²⁴ on ESD is promoted
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD ²⁵ supported?
Yes 🗌 No 🗌	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 🗌	Please specify what subjects were investigated and list major reports.

²⁴ These include support from various sources, such as State, local authorities, business and non-governmental organizations or

 ¹¹ institutions.
 ²⁵ 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: ²⁶ (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 🗌 No 🗌	Please specify what programmes are available and list the most important academic dissertations that address ESD.
(b) Yes [] No [] (2)	
(a) Yes 🗌 No 🗌 (b) Yes 🗌 No 🗌	
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 🗌 (b) Yes 🗌 No 🗌	Please provide information on (a) and (b).
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? ²⁷ da
Yes 🗌 No 🗌	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 ²⁸ to share the results of research and examples of good practices in ESD ²⁹ among authorities and stakeholders?
Yes 🗌 No 🗌	Please specify and provide information about where published research and dissertations are accessible.

 ²⁶ ESD is addressed by substance and/or by approach.
 ²⁷ Activities may include projects, action research, social learning and multi-stakeholder teams.
 ²⁸ E.g., conferences, summer schools, journals, periodicals, networks.
 ²⁹ 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 🗌	Please name the major publications for (a) and (b).
(b) Yes 🗌 No 🗌	
Concluding	Please provide any concluding remarks you may have concerning the implementation of issue 5, which corresponds to objective (e)
remarks on issue 5	under the Strategy, namely, to promote research on and development of ESD.
	- 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 6.	Strengthen cooperation on ESD at all levels within the ECE region
155uc 0.	Strengthen cooperation on ESD at an ievels 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
Sub-indicator 6.1.1	Do your public authorities cooperate in/support international ³⁰ networks on ESD?
Yes 🗌 No 🗌	Please specify concrete networks and explain who supports these networks.
Sub-indicator 6.1.2	Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to
	ESD?
Yes 🗌 No 🗌	Please specify. List major networks.
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms/agreements that include an explicit ESD component?
Yes 🗌 No 🗌	Please specify and list the major ones.
Sub-indicator 6.1.4	Does your Government take any steps to promote ESD in international forums outside the ECE region?
Yes 🗌 No 🗌	Please list and describe.
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

³⁰ In this context, international associations, working groups, programmes, partnerships, etc., means those at the global, regional and subregional levels.

Plea	use 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

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

Please in particular discuss any challenges and obstacles encountered that were not yet mentioned in the concluding remarks on the implementation of the Strategy's main objectives (issues 1–6).

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?

	ISCED Le		Leve	Levels 2011									
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)		1	1	1			1	1	~				
Ethics and philosophy							1	1	1				
Citizenship, democracy and governance	1	1	1	1			1	1	1				
Human rights (e.g., gender and racial and intergenerational equity)	1	1	1	1			1	1	1				
Poverty alleviation							1	/	1				
Cultural diversity	1	1	1	1			1	/	1				
Biological and landscape diversity	1	1	1	1			1	1	1				
Environmental protection (waste management, etc.)							1	1	1				
Ecological principles/ecosystem approach		1	1	1			1	1	1				
Natural resource management (e.g., water, soil, mineral, fossil fuels)							1	/	/				
Climate change		1	1	1			1	1	1				
Personal and family health (e.g., HIV/AIDS, drug abuse)	1	1	1	1			1	1	/				
Environmental health (e.g., food and drinking; water quality; pollution)	1	1	1	1			1	/	1				
Corporate social responsibility			Ι	1			1	1	1				
Production and/or consumption patterns				1			1	1	1				
Economics			/	1			1	1	/				
Rural/urban development							1	1	1				
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

N	01.		ъ	C		Г	.	
Ň	Scale	A	в	C		E	н	
					_		L	

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 curriculum³¹/programme of study at various levels of formal education, by filling in the table below. (*Please tick* (\checkmark) 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

				Ι	SCE	D I	Leve	els		
Competence	Expected outcomes	0	1	2	3	4	5	6	7	8
Learning to learn	- posing analytical questions/critical thinking?	1	1	/	1			1	1	~
Does education at each level enhance	- understanding complexity/systemic thinking?	1	/	1	1			1	1	~
learners' capacity for:	- overcoming obstacles/problem-solving?	1	/	1	1			1	1	~
	- managing change/problem-setting?	1	/	1	1			1	1	~
	- creative thinking/future-oriented thinking?	1	/	1	1			1	1	1
	- understanding interrelationships across disciplines/holistic approach?	1	1	1	1		Ι	1	~	1
	Total									
	- other (countries to add as many as needed)?									
Learning to do	- applying learning in a variety of life-wide contexts?	1	1	/	1			1	~	~
Does education at each level enhance	- decision-making, including in situations of uncertainty?		/		1		<u> </u>	1	/	/
learners' capacity for:	- dealing with crises and risks?		-					/	· /	· /
	- acting responsibly?	1	1	1	1			1	~	1
	- acting with self-respect?	1	/	1	1			1	/	1
	- acting with determination?							1	1	~
	Total									
	- other (countries to add as many as needed)?									

³¹ At the state level, where relevant.

				IS	SCE	D L	evel	ls		
Competence	Expected outcomes	0	1	2	3	4	5	6	7	8
Learning to be	- self-confidence?	1	1	1	1			<	1	1
Does education at each level enhance	- self-expression and communication?	1	1	1	1			1	1	1
learners' capacity for:	- coping under stress?									
	- ability to identify and clarify values (for phase III)?							1	1	~
	Total									
	- other (countries to add as many as needed)?									
	-									
Learning to live and work together	- acting with responsibility (locally and globally)?	~	1	1	1			1	1	/
Does education at each level enhance	- acting with respect for others?	~	1	1	1			1	1	1
learners' capacity for:	- identifying stakeholders and their interests?				1			1	1	1
	- collaboration/team working?	~	1	1	1			1	1	1
	- participation in democratic decision-making?	1	1	1	1			1	1	1
	- negotiation and consensus-building?			1	1			1	1	1
	- distributing responsibilities (subsidiarity)?			1	1			1	~	1
	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 207 ticks; "other" not counted) is:

No. of ticks	0–11	12-21	22–53	54–105	106–156	157–207
Scale	А	В	С	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* (\checkmark) 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.)

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

Table of teaching-learning methods

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.

^{*a*} Please refer to paragraph 33(e) of the UNECE Strategy for ESD.

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	А	B	С	D	E	F
~~~~~	11		U	2	5	L

## **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* ( $\checkmark$ ) 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 ESD								
Stakeholders	Formal	Non-formal	Informal						
NGOs	1	1	1						
Local government	1	1	1						
Organized labour									
Private sector	1	1	1						
Community-based	1	1							
Faith-based									
Media		~	1						
Total									
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	55	6–10	11 15	10 21
Scale	А	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	1			1	1				
Local government	1		1	1					
Organized labour									
Private sector	1	1							
Community-based			1						
Faith-based									
Media	1		1		1				
Total									
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	Α	В	С	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 ^a to integrate ESD into their practice																
					j	Educ	cator.	5					Leaders/administrators ^b					<b>rs</b> ^b
		<i>Initial</i> ^c						j	In ser	rvice	d				In se	rvice	е	
ISCED levels	Α	В	С	D	Е	F	Α	В	С	D	Е	F	Α	В	С	D	Е	F
0.																		
1.													<b>_</b>					
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
Non-formal																		
Informal																		

^a Training is understood to include at least one day (a minimum of five contact hours).
 ^b See paras. 54 and 55 of the UNECE Strategy for ESD.

^c 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.

^d 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.

^e 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	76–100
Scale	А	В	С	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 ( ) 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 In progress Developing Completed
Indicator 1.2	Policy, regulatory and operational frameworks support the promotion of ESD	□ Not started □ <u>In progress</u> □ Developing □ Completed
Indicator 1.3	National policies support synergies between processes related to SD and ESD	□ Not started □ In progress □ Developing □ Completed
Indicator 2.1	SD key themes are addressed in formal education	□ Not started □ In progress □ <u>Developing</u> □ Completed
Indicator 2.2	Strategies to implement ESD are clearly identified	□ Not started □ <u>In progress</u> □ Developing □ Completed
Indicator 2.3	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 □ <u>Developing</u> □ 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	□ <u>Not started</u> □ In progress □ Developing □ Completed
Indicator 2.6	ESD implementation is a multi-stakeholder process	□ Not started □ In progress □ Developing □ Completed
Indicator 3.1	ESD is included in the training of educators	□ Not started □ In progress □ <u>Developing</u> □ Completed
Indicator 3.2	Opportunities exist for educators to cooperate on ESD	□ Not started □ In progress □ <u>Developing</u> □ Completed
Indicator 4.1	Teaching tools and materials for ESD are produced	□ Not started □ In progress □ <u>Developing</u> □ Completed
Indicator 4.2	Quality control mechanisms for teaching tools and materials for ESD exist	□ Not started □ <u>In progress</u> □ 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	□ <u>Not started</u> □ 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	□ <u>Not started</u> □ In progress □ Developing □ Completed
Indicator 6.1	International cooperation on ESD is strengthened within the ECE region and beyond	□ Not started □ In progress □ <u>Developing</u> □ Completed