

page.)



FORMAT FOR REPORTING ON IMPLEMENTATION OF THE UNECE STRATEGY FOR EDUCATION FOR SUSTAINABLE DEVELOPMENT

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

The following report is submitted on behalf of the Government of Republic of Serbia 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:
Date: 24 th December 2010
Full name of the institution: Ministry of Environment and Spatial Planning
Postal address: 1, Str. Omladinskih brigada, Belgrade 11000, Serbia Telephone: +38111 3131 355, +38111 3133 749
Fax: +38111 3131 355
E-mail: miroslav.tadic@ekoplan.gov.rs
Website: www. ekoplan.gov.rs
Contact officer for national report (if different from above):
prepared, including information on which types of public authorities were consulted or contributed to its preparation; on 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 (please specify) _Ministry of Environment and Spatial Planning and Ministry of Education
Stakeholders:
☐ NGOs (please specify)
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

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 x No 🗌	Please specify languages. Serbian			
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?			
Yes x No 🗌	Representative of the Ministry of Environment and Spatial Planning - focal point Representative of the Ministry of Education – member of the Bureau of the ESD Steering Committee			
Sub-indicator 1.1.3	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?			
Yes x No 🗌	Please specify its mandate and coordinating mechanism. Please also specify whether its mandate covers implementation of the UNECE Strategy for ESD. Ministry of Science and Environmental Protection and Ministry of Education and Sports initiated establishment of the Working Group for Implementation of the ESD Strategy. The ESD WG is to develop documents, mechanisms for implementation of the Strategy and perform monitoring, reporting and building partnerships.			
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?			
Yes x No 🗌	Please specify whether this plan includes implementation of the UNECE Strategy for ESD. In 2008, the Ministry of Environment and Spatial Planning adopted the First Framework Action Plan related to Education for Sustainable Development, which has been elaborated in consultations with the Ministry of Education and other relevant stakeholders.			
Sub-indicator 1.1.5	Are there any synergies at the national level between UNECE ESD process, the UNESCO global process on the United Nations Decade of ESD, ³ and other policy processes relevant to ESD?			
Yes x No 🗌	Ministry of Education of the Republic of Serbia adopted the concept of the United Nations Decade of Education for Sustainable Development and thus started implementing the activities aimed at integrating all principles, values and practices of sustainable development into all aspects of education and learning in order to address and motivate changes in human behaviour that would support and enable greater sustainability of the society for all.			
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 ⁴ document(s)?			
Yes x No 🗌	Please specify and list major document(s). Law on Environmental Protection; National Strategy for Sustainable Development; National Program for Environmental Protection; National Strategy for Sustainable Use of Natural Resources and Goods (draft); Strategy for Economic Development; National Education Development Strategy; National Strategy for Biodiversity Conservation; Other sectoral strategic documents (energy, waste, agriculture, etc.).			

¹ Issues 1 to 6 are in accordance with the objectives of the UNECE Strategy for ESD (CEP/AC.13/2005/3/Rev.1).

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.

⁴ Policy documents may include national strategies, plans, programmes, guidelines and the like.

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? ⁵				
	If yes, please specify for (a) and (b). Fill in the table by ticking (V) as appropriate.				
	0				
(a) Yes No	1				
(b) Yes No	$\frac{1}{2}$				
	3				
	4				
	58				
	Teacher education				
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 x No 🗌	Please specify. The Law on Environmental Protection; The Law on Foundations of the Education and Upbringing System; The Law on Textbooks and Other Tools for Instruction; National Environmental Strategy; National strategy for sustainable Use of Natural Resources and Goods.				
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?				
Yes x No 🗌	Please specify. The Law on Environmental Protection; The Law on Foundations of the Education and Upbringing System; The Law on Textbooks and Other Tools for Instruction; National Environmental Strategy; National strategy for sustainable Use of Natural Resources and Goods.				
Sub-indicator 1.2.5	Does a formal structure for interdepartmental cooperation relevant to ESD exist in your Government?				
Yes x No	Please specify. Natonal Council for Sustainable Development; ESD Working Group				
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your Government? ¹⁰				

⁵ International Standard Classification of Education (ISCED), UNESCO, 1997 (http://www.unesco.org/education/information/nfsunesco/doc/isced_1997.htm).

⁶Education level in accordance with ISCED.

⁷ National curricula and/or national standards/ordinances/requirements.

⁸ 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 Research and Development, university organization and studies acts, or general laws of higher educations; (2)

and/or subnational standards/ordinances/requirements: special attention shall be devoted to indications of linking systems of **quality assurance and accreditation** (with regard to the Bologna process; see http://www.coe.int/t/dg4/highereducation/EHEA2010/BolognaPedestrians_en.asp for information) for higher education institutions with ESD, as well as to **regulations of study programmes and study fields** which reflect the principles of ESD.

⁹ Between State bodies.

¹⁰ For explanation see paragraph 46 of the UNECE Strategy for ESD.

Yes x No 🗌	Please specify. Trough the ESD Working Group (involving representatives of competent ministries, NGOs, universities, schools, private sector, media).				
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?				
Yes x No 🗌	Please specify. Governmental grants and donations for NGOs, schools, universities.				
	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 x No 🗌	Please specify. The Law on Environmental Protection; The Law on Foundations of the Education and Upbringing System; The Law on Textbooks and Other Tools for Instruction; National Environmental Strategy; National strategy for sustainable Use of Natural Resources and Goods.				
	Issue 2. PROMOTE SD THROUGH FORMAL, NON-FORMAL AND INFORMAL LEARNING				
If necessary, provide 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 ¹¹ addressed explicitly in the curriculum ¹² /programme of study at various levels of formal education?				
Yes x No	Phase II: Please specify in the table in appendix I (a) and use the scale. Indicate the results in the box below. 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 ¹³ /programme of study at various levels of formal education?				
Yes x No 🗌	Phase II: Please specify in the table in appendix I (b) and use the scale. Indicate the results in the box below. A B C D E F \[\sum \] \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Sub-indicator 2.1.3	Are teaching/learning methods that support ESD addressed explicitly in the curriculum ¹⁴ /programme of study at various levels of formal education?				
Yes x No 🗌	Phase II: Please specify in the table in appendix I (c) what methods are of particular significance in your country and use the scale. Indicate the results in the box below. A B C D E F D E F Please also specify for non-formal and informal education, as appropriate. If relevant data are available please also specify (provide examples on how it is done).				

¹¹ For explanation see paragraph 15 of the UNECE Strategy for ESD.
12 At the State level, where relevant.
13 See footnote 12.
14 See footnote 12.

Indicator 2.2 Strategies to implement ESD are clearly identified								
Sub-indicator 2.2.1	Is ESD addressed through: ¹⁵ (a) existing courses? (d) a stand-alone project? ¹⁷ (e)		s-curricu	lum appr	oach? (c)) the prov	ision of s	specific subject programmes and
	Phase II: If yes, please specify for differ	ent levels of education sy.	stem in a	ccordanc	e with IS	CED by	ticking (V	() in the table as appropriate.
		ISCED levels	(a)	(b)	(c)	(d)	(e)	
		ISCED ICVES	Yes	Yes	Yes	Yes	Yes	
		0						
(a) Yes x No \square		1	V		V	V		
(b) Yes x No		2	V		V	V		
(c) Yes x No		3	v		V	V		
(d) Yes x No		4	V		V	V		
(e) Yes No x		5		v	V	V		
(c) 1cs No.x		6		v	V	V		
		Teacher education		<u>:</u>		<u> </u>	<u> </u>	
	If you ticked (e), please specify the appro	oaches.						

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.

Indicator 2.3 A whole-institution approach ¹⁸ to SD/ESD is promoted					
Sub-indicator 2.3.1	Do educational institutions ¹⁹ adopt a "whole-institution approach" to SD/ESD?				
Yes x No □	Phase II: If yes, please specify for all levels of your education system in accordance with ISCED by ticking (V) in the table as appropriate. ISCED levels Yes				
	how it is done).				
Sub-indicator 2.3.2	Are there any incentives (guidelines, award scheme, funding, technical support) that support "a whole institution approach to SD/ESD"?				
Yes □ No □	Phase II: If yes, please specify what schemes are available for all levels of your education system in accordance with ISCED by ticking (V) in the table as appropriate. ISCED levels Ves 0 1 2 3 4 5 6 Teacher education Please also specify for non-formal and informal education, as appropriate. If relevant data are available please also specify (provide examples on how it is done).				

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

Do institutions/learners develop their own SD/ESD indicators for their institution/organization?

Sub-indicator 2.3.3

	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? (b) Do they address ESD ²⁰ ? (c) Are there any education quality assessment/enhancement systems that address ESD in national systems?		
(a) Yes	Phase II: If yes, please specify for various levels of your education system in accordance with ISCED, by ticking (V) in the table as appropriate. ISCED levels		
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	Phase II: Please specify. ²¹ Projects related to Sustainable Development (NGOs, schools, universities); public campaigns; TV and radio programs.		
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 x No	Phase II: Please specify and provide examples. Grants and financial support for specific projects that are announced by the Government and in cooperation between Government and international organization (e.g. stimulating organic farming, sustainable schools, sustainable use of energy, recycling 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 informal learning?		
Yes x No 🗌	Phase II: Please specify, including the results available for (a) attitude, skills and values, and (b) knowledge. Obligatory mechanism of reporting on outcomes of the projects, programs and activities that are supported by the Government; Performing timely surveys for specific projects dealing on with ESD (especially for school projects).		

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).
 Please describe how this is done, e.g. in press articles, TV and radio programmes or public lectures promoting environmentally friendly goods and services, sustainable lifestyles.

Indicator 2.6 ESD implementation is a multi-stakeholder process ²²				
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?			
Yes x No 🗌	Phase II: Please specify in the table in appendix II (a) and (b) and use the scale. Indicate the results in the boxes below. (a) According to the UNECE Strategy on ESD (b) According to the UN DESD A B C D E F A B C D E F X			
	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).				
	Indicator 3.1 ESD is included in the training ²³ of educators			
Sub-indicator 3.1.1	Is ESD a part of educators' initial training? ²⁴			
Yes 🗌 No 🗌	Phase II: Please specify by filling in the table in appendix III.			
Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training?25			
Yes x No 🗌	Phase II: Please specify by filling in the table in appendix III. A good example represents a project "Educational programs for professional improvement of teachers on topic of nature conservation and sustainable use of natural resources" – led by the Institute for Nature Conservation of Serbia. Educational programs for professional improvement of teachers are created by Institute for Nature Conservation, on initiative of teachers and local municipalities.			
Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?			
Yes No No	Phase II: Please specify by filling in the table in appendix III.			
	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 x No 🗌	Phase II: Please specify (provide examples on how this is done). ESD Working Group; The Teachers Association of Serbia; NGO "Civil Initiatives"; Research Station "Petnica"; NGO networks ("Volvox" Regional Environmental Centre); Alternative Academic Educational Network, Centre for Development of Non-profit Sector; The active involvement of a wide range of stakeholders (local authorities, local businesses, NGOs, farmers, hunters, media, etc).			
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way? ²⁶			
Yes x No 🗌	Please specify how, listing the major ones, and describing them as appropriate. Trough support of the specific projects of the networks directed to ESD and/or SD issues; ESD Working Group is governed by the two competent ministries.			

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

²⁴ For higher education institutions: The focus is here on existing **teacher training at 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.

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).

page 11	ECE/CEP/AC.13/2009/10

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 x No 🗌	Please describe. One of the goals of the National Environmental strategy refers to development of ESD tools an materials. In 2008, the Ministry of Environment and Spatial Planning adopted the First Framework Action Plan related to Education for Sustainable Development and it contains references for preparation of ESD tools and materials.			
Sub-indicator 4.1.2	Is public (national, subnational, local) authority money invested in this activity?			
Yes x No 🗌	Phase II: Please specify to what extent public money is invested in this activity, by providing an indication of the amount (in USD) for annual expenditures on ESD-related research and development.			
	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 x No (b) Yes x No (c) Yes x No (c)	Phase I: For (a) and (b), please describe. Regarding the state of affaires in regular schooling system with respect to environmental education and education for sustainable development – In 2009, there was the reform of primary school subject in biology for seventh grade. Namely, the existing school curricula on this subject that tackles environmental issues has been improved with the sustainability themes according to the international standards and principles. Ministry of Environment and Spatial Planning played crucial role in this activity. The Improved subject in biology was upgraded to the eight (final) grade of primary school, instead of seventh. Phase II: Please specify for (a), (b) and (c) for formal, informal and non-formal education. For (c), please also describe. Please also provide your own examples, as appropriate.			
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 x No (b) Yes x No (Phase I: For (a) please specify. There are optional subjects and books developed accordingly: e.g. "The World Around Us" and "Guardians of Nature" for primary school. Also the Green Pack education tool has been introduced to primary schools as an optional education tool on a number of subjects, such as biology, geography, chemistry, physics etc. The "Teachers Training Manuals for Environment and Sustainable Development" are developed for primary and secondary schools.			

	Phase II: If yes for (b), please specify by ticking (V) in the table as appropriate. ISCED levels
	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 x No 🗌	Phase II: Please describe. Ministry of Environment and Spatial Planning and Ministry of Education communicate with different stakeholders in disseminating tools and materials. There are also announcements, web presentations, media presentations of tools and materials.
Sub-indicator 4.3.2	Is public authority money invested in this activity?
Yes x No 🗌	Please specify to what extent by providing an indication of the amount in USD, giving the annual expenditures for ESD-related research and development.
Sub-indicator 4.3.3	Are approved ESD teaching materials available through the Internet?
Yes x No	Please describe.
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 x (b) Yes x No	For (a) and (b) please specify.
	Issue 5. PROMOTE RESEARCH ON AND DEVELOPMENT OF ESD
If necessary, provide r	elevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).
	Indicator 5.1 Research ²⁷ on ESD is promoted
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD ²⁸ supported?
Yes x No 🗌	Phase II: Please specify what kind of research (content and methods). Please provide the total amount annually over the reporting period, and if

These include 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 information communications technology; means of evaluation including socio-economic impacts.

	feasible, as a percentage of the total research budget.			
	Certain faculties that cover environmental and SD issues provide research on ESD issues as well (e.g. Faculty of Faculty of Occupational Safety in Nis). The Government delegates grants and financial support to the study research on different subjects, including environment and SD issues;			
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?			
Yes x No 🗌	Please specify what kind of research (content and methods).			
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 \(\subseteq \text{No x} \) (b) Yes x No \(\subseteq \) (2) (a) Yes x No \(\subseteq \) (b) Yes x No \(\subseteq \)	 Phase II: Please specify what kind of programmes are available for (1) (a) and (b); (2) (a) and (b). 1. b) The PhD theses of the faculties that cover environment and SD issues allow candidates to obtain diplomas in SD issues, including ESD; 2. a), b) The MSc and PhD theses of the faculties that cover environment and SD issues allow candidates to obtain diplomas in SD issues, including ESD 			
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 x No (b) Yes x No (Phase II: Please specify for (a) and (b). The Government is announcing yearly scholarships for students for different subjects, including SD issues. Also, on the yearly basis, the Government is providing students with grants for studding abroad (covering also studies related to environment and SD).			
	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 x No 🗌	Phase II: Please specify and provide the total amount annually over the reporting period. Projects, campaigns, programs and activities of NGOs, schools, universities, media etc.			
	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 x No 🗌	Phase II: Please specify and provide the total amount annually over the reporting period. Ministry of Environment and Spatial Planning and Ministry of Education supports NGO and professional networks working in the field of SD issues (including ESD). Also public authorities support (mainly trough grants and donations) website presentations, mailing lists, forums that deal with SD (including ESD) issues.			
Sub-indicator 5.3.2	Are there any scientific publications: (a) specifically on ESD? (b) addressing ESD?			
(a) Yes No x (b) Yes No x	Phase I: For (a), if feasible, please provide the number on annual basis over the reporting period. Please list the major ones.			

²⁹ ESD is addressed by substance and/or by approach.
³⁰ Activities may include pilot projects, action research, social learning and multi-stakeholder teams.
³¹ E.g. conferences, summer schools, journals, periodicals, networks.
³² 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.

	Phase II: For (b), if feasible, please provide the number on annual basis over the reporting period. Please list the major ones.										
	Issue 6. STRENGTHEN COOPERATION ON ESD AT ALL LEVELS WITHIN THE UNECE REGION										
If necessary, provide	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 UNECE region and beyond										
Sub-indicator 6.1.1	Do your public authorities cooperate in/support international ³³ networks on ESD?										
Yes No x	Phase II: Please specify for national, subnational and local levels and list major networks.										
Sub-indicator 6.1.2	Do educational institutions/organisations (formal and non-formal) in your country participate in international networks related to ESD?										
Yes x No 🗌	Please specify. List major networks. Regional Environmental Centre SD Network; UNESCP portal-education for SD										
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms/agreements that include an explicit ESD component?										
Yes x No 🗌	Phase II: Please specify and list the major ones. Environmental Education and Sustainable Development is including in every state, bilateral and multirateral cooperation mechanisms and agreements in UNECE region.										
Sub-indicator 6.1.4	Does your Government take any steps to promote ESD in international forums outside the UNECE region?										
Yes No x	Please list and describe.										
	Issue 7. FOSTER CONSERVATION, USE AND PROMOTION OF KNOWLEDGE OF INDIGENOUS PEOPLES, AS WELL AS LOCAL AND TRADITIONAL KNOWLEDGE, IN ESD										
Provide relevant info	rmation on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.										
Phase II: Please prov	ide the updated information to indicate changes over time.										
Phase III: Please pro	vide the updated information to indicate changes over time.										

³³ In this context, international associations, working groups, programmes, partnerships, etc. means those at the global, regional and subregional levels.

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 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.

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.

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 (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 SD.)

Come have thomas covered by questionable development		IS	CED	Leve	els	
Some key themes covered by sustainable development	0	1	2	3	4	5
Peace studies (e.g. international relations, security and conflict resolution, partnerships)						
Ethics and philosophy						
Citizenship, democracy and governance						
Human rights (e.g. gender and 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 (e.g. water, soil, mineral, fossil fuels)						
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: 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 (max. 102 ticks; "other" not counted) is:

No. of ticks	0–5	6–10	11–25	26–50	51–75	76–100
Scale	A	В	С	D	Е	F

Could you specify which specific themes are of critical important in your countries and why? Please specify for different ISCED levels, as appropriate.

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 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 SD.)

Table of learning outcomes

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

³⁴ At the State level, where relevant.

-

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

NB: Your response will reflect the variety of ESD learning outcomes 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 (max. 138 ticks; "other" not counted) is:

No. of ticks	0–7	8–14	15–35	36–70	71–104	105–138
Scale	Α	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 (V) 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

Come key ECD teaching/learning methods are accord by the Ctreaters 35		IS	CED	Leve	els	
Some key ESD teaching/learning methods proposed by the Strategy ³⁵	0	1	2	3	4	5
Discussions						
Conceptual and perceptual mapping						
Philosophical inquiry						
Value clarification						
Simulations; role playing; games						
Scenarios; modeling						
Information and communication technology (ICT)						
Surveys						
Case studies						
Excursions and outdoor learning						
Learner-driven projects						
Good practice analyses						
Workplace experience						
Problem-solving						
Total						
Other (countries to add as many as needed)					Ē	
						-

NB: Your response will reflect the variety of ESD teaching/learning methods 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 (max. 84 ticks; "other" not counted) is:

No. of ticks	0–5	6–28	29–35	36–50	51–65	66–84
Scale	A	В	C	D	Е	F

³⁵ 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 is ESD implementation a multi-stakeholder process by filling in the table below. Please provide examples of good practice. (*Please tick* (*V*) 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

Stakeholders	Classification by UNECE Strategy for ESD							
Starcholders	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 scoring 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	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										
Total										
Other (countries to add as many as needed)										

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

No. of ticks	0–5	Ι	6–11	12–17	Ι	18-23	I	24-29	30–35
Scale	 A	Ī	В	С	Ī	D	Ī	Е	F

Appendix III

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.

	Percentage of education professionals who have received training ³⁶ to integrate ESD into their practice: (see key below)																		
ISCED levels	Educators											Leaders/administrators ³⁷							
							In service**												
	Α	В	C	D	E	F	A	В	C	D	E	F	A	В	C	D	E	F	
0																:			
1																			
2																:			
3			:		:											:			
4																			
5																:			
6																			
Non-formal																			
Informal																			

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

Percentage of educated trainers	T	0–5	Ī	6–10	Ī	11–25	26–50	ì	51–75	Τ	76–100	1
Scale		Α	Ī	В	Ī	С	D		Е		F	

- 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. *
- 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.
- 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.

 $^{^{36}}$ Training is understood to include at least one day (a minimum of five contact hours). 37 See paragraphs 54 and 55 of the UNECE Strategy for ESD.

Appendix IV

Summary and self-assessment³⁸ by countries:

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

³⁸ 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.