



### REPORT

# ON IMPLEMENTATION OF THE UNECE STRATEGY FOR EDUCATION FOR SUSTAINABLE DEVELOPMENT<sup>1</sup>

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

# SUBMITTED BY THE RUSSIAN FEDERATION

The following report is submitted on behalf of the Government of The Russian Federation 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: Mr. Nikolay Kasimov Signature: Date: 22.01.07 Full name of the institution: Faculty of Geography. Lomonosov Moscow State University Postal address: Telephone: 7-495-939-22-38 Fax: 7-495-932-88-36 E-mail: <u>nauka@geogr.msu.ru</u> Website: Contact officer for national report (if different from above):

- 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 on or contributed to its preparation; how the stakeholders were consulted and how the outcome of this consultation was taken into account; and the material used as a basis for the report.
- B. Report any particular circumstances that help clarify the context of the report for example, whether the decision-making structure is federal and/or

<sup>&</sup>lt;sup>1</sup> This document was not formally edited

decentralized, and whether financial constraints are a significant obstacle to implementation. (This information should not exceed half a page.)

## **TEMPLATE FOR REPORTING**

## ISSUE<sup>2</sup> 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>3</sup> language(s)?
Yes 🛛 No 🗌	Please specify languages.
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes 🗌 No 🔀	
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.
Sub-indicator 1.1.5	Are there any synergies at the national level between UNECE ESD process, the UNESCO global process on the UN Decade of ESD, <sup>4</sup> and other policy processes relevant to ESD?
Yes 🗌 No 🖂	Please specify.
	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>5</sup> document(s)?
Yes 🗌 No 🔀	Please specify and list major document(s))
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>6</sup>

<sup>&</sup>lt;sup>2</sup> Issues 1 to 6 are in accordance with the objectives of the Strategy.

<sup>&</sup>lt;sup>4</sup> For countries with a federal government structure, all references to "national" apply to "state", as appropriate In this context, "data at the national level" means aggregated data received from substate entities. <sup>4</sup> 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. <sup>5</sup> Policy documents may include national strategies, plans, programmes, guidelines and the like. <sup>6</sup> International Standard Classification of Education (ISCED), UNESCO, 1997 (http://www.unesco.org/education/information/nfsunesco/doc/isced\_1997.htm).

	Please specify for (a) and (b). Fill in the table by ticking (V	) as appropriate	2.				
	ISCED <sup>7</sup>	ISCED <sup>7</sup>		a)	(b	<b>)</b> ) <sup>8</sup>	
			Yes	No	Yes	No	
(a) $\mathbf{V}_{\alpha\alpha} \mathbf{\nabla} \mathbf{N}_{\alpha} \mathbf{\nabla}$		0					
(a) Yes ⊠ No □ (b) Yes ⊠ No □		1					
		2 3	v		V		
		<u> </u>	V		v V		
		<b>5</b> <sup>9</sup>			·		
		6	V		V		
	Teache	r education	V		V		
Sub-indicator 1.2.3	Are non-formal and informal ESD addressed in your releva	nt national polic	cy and/	or regu	latory o	docume	ent(s) and operational frameworks?
Yes 🗌 No 🔀	Please specify.	*					
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevan	t national docum	nent(s)	?			
Yes 🗌 No 🖂	Please specify.						
Sub-indicator 1.2.5	Does a formal structure for interdepartmental <sup>10</sup> cooperation	relevant to ESD	exist	in your	govern	ment?	
Yes 🗌 No 🛛	Please specify.						
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ES	D exist with the	e invol	vement	of you	r gover	nment? <sup>11</sup>
Yes 🗌 No 🖂	Please specify.						
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available sp	ecifically to sup	port E	SD?			
Yes 🛛 No 🗌	Please specify.						
	Indicator 1.3 National policies support syn	nergies between	n proc	esses re	lated t	o SD a	nd ESD.
Sub-indicator 1.3.1	Is ESD part of SD policy(s) if such exist in your country?						
Yes 🗌 No 🔀	Please specify.						

<sup>&</sup>lt;sup>7</sup>Education level in accordance with ISCED.

<sup>10</sup> Between state bodies.

<sup>&</sup>lt;sup>8</sup> National curricula and/or national standards/ordinances/requirements.

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

<sup>&</sup>lt;sup>11</sup> For explanation see paragraph 46 of the Strategy.

	Issue 2. PROMOTE SI	D THROUGH FORMA	L, NO	N-FOF	RMAL	AND	INFOI	RMAL	LEA	RNIN	<b>,</b>
If necessary, provide i	relevant information on your country	situation regarding this .	specific	object	ive. (up	o to 1,5	00 cha	racter.	s with s	spaces)	)
	Indica	ator 2.1 SD key themes	are ad	dressed	l in foi	rmal e	ducati	on.			
Sub-indicator 2.1.1	Are key themes of SD <sup>12</sup> addressed e	explicitly in the curriculu	m <sup>13</sup> /pro	gramm	e of stu	ıdy at v	arious	levels	of form	nal edu	ication?
Yes 🛛 No 🗌	Phase II: please specify in the table in Annex 1 (a) and use the scale. Indicate the results in the box below.         A       B       C       D       E       F         Image:										
Sub-indicator 2.1.2	Are learning outcomes (skills, attitut formal education?	ides and values) that sup	port ES	D addr	essed e	explicit	ly in tł	ne curri	culum	<sup>14</sup> /progi	ramme of study at various levels of
Yes 🛛 No 🗌	Phase II: Please specify in the table		the scal	le. India C	cate the D	e result   H		e box b F	elow.		
	Indica	ator 2.2 Strategies to im	plemer	nt ESD	are cl	early i	dentifi	ed.			
Sub-indicator 2.2.1	Is ESD addressed through: <sup>15</sup> (a) exist courses? (d) a stand-alone project? <sup>17</sup>		a cross-	curricu	lum ap	proach	1? (c) tl	ne prov	vision c	of speci	fic subject programmes and
	Phase II: For (a)–(d) please specify			ı syster a)	n in accordan (b)		nce with ISC			e table d)	by ticking (V) as appropriate.
		ISCED levels	Yes	No	No	Yes	Yes	No	Yes	No	
(a) Yes 🛛 No 🗌		0									
(a) I es $\square$ No $\square$		1									
(c) Yes 🛛 No 🗌		2	V			V	V				
(d) Yes 🗌 No 🗌		<u> </u>	V			V V	V V				
		5	· ·			• •	•				
		6	V			V	V				
		Teacher education									]
	Indicato	or 2.3 A whole-institutio	on appr	oach18	to ESI	D/SD is	s prom	oted.			

<sup>&</sup>lt;sup>12</sup> For explanation see paragraph 15 of the Strategy.
<sup>13</sup> At the state level, where relevant.
<sup>14</sup> See footnote 14.

<sup>&</sup>lt;sup>14</sup> See footnote 14.
<sup>15</sup> 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.
<sup>16</sup> E.g. geography or biology. For higher education "subject" means "course".
<sup>17</sup> A project is interpreted as a discrete activity with its own time allocation rather than a teaching/learning method.
<sup>18</sup> 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).

Sub-indicator 2.3.1	Do educational institutions <sup>19</sup> adopt a "whole-institution approach" to SD/ESD?			
	Phase II: please specify for all levels of your education system in accordance with IS non-formal and informal education. If relevant data are available please also specify ISCED levels		) in th 	e table by ticking (V) as appropriate, as well as for
		les	NO	
				-
Yes 🗌 No 🖂				
	3			
	4			]
	5			
	6			4
	Teacher education			J
Sub-indicator 2.3.2	Are there any incentives (guidelines, award scheme, funding, technical support) that	supp	ort "a	whole institution approach to SD/ESD"?
	Phase II: Please specify what schemes are available for all levels of your education appropriate, as well as for non-formal and informal education. If relevant data are a			
		es	No	
	0			
	1			
Yes 🗌 No 🔀	2			
	3			
1				
	<u> </u>			
	5       6       Teacher education			

<sup>&</sup>lt;sup>19</sup> For higher education institutions: Whole university, whole college or whole faculty approach (including integraculty approaches).

	Phase II: Please specify for all levels of your educa non-formal and informal education. If relevant dat				ED, in	the tab	le by ticking (V) as approp	riate, as well as for
	5 5 5	ISCED levels		Yes	No			
		0						
Yes 🗌 No 🖂		1						
		3						
		4						
		5						
		6 Teacher educat	tion					
		Teacher educa	lion			)		
	Indicator 2.4 ESD is addre	· · ·				-		
Sub-indicator 2.4.1	Are there any education quality assessment/enhance	ement systems that incl	ude cri	iteria c	on ESE	9 <sup>20</sup> in: (a	) national systems? (b) oth	er?
(a) Yes □ No ⊠ (b) Yes □ No ⊠		data are available plea. SCED levels 0 1 2 3 4 5 6 Teacher education	se also ( Yes	o specij a) No	fy. No	(b) Yes		
	ESD methods and instruments for non-formal an			lace to	asses	s chang	es in knowledge, attitude	and practice.
Sub-indicator 2.5.1	Are SD issues addressed in informal and public aw	vareness-raising activitie	s?					
Yes 🗌 No 🖂	Phase II: Please specify. <sup>21</sup>							
Sub-indicator 2.5.2	Is there any support for work-based learning (e.g. f	or small companies, far	mers, t	trade u	nions,	associa	tions), which addresses SI	Dissues?
Yes 🗌 No 🔀	Phase II: Please specify and provide examples.							

 <sup>&</sup>lt;sup>20</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).
 <sup>21</sup> Please describe how this is done – for example, in press articles, TV and radio programmes or public lectures promoting environmentally friendly goods and services, sustainable lifestyles.

Sub-indicator 2.5.3	Are there any instruments (e.g. research, survey, etc.) in place to assess the outcomes of ESD as a result of non-formal and informal learning?								
Yes 🗌 No 🗌	Phase II: Please specify, including the results available for (a) attitude, skills and values, and (b) knowledge.								
	Indicator 2.6 ESD implementation is a multi-stakeholder process. <sup>22</sup>								
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?								
Yes 🗌 No 🗌	Phase II: Please specify in the table in Annex 2 (a) and (b) and use the scale. Indicate the results in the boxes below.         (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         A       B       C       D       E       F         O       O       O       O       O       E       F								
Issue 3. EQUIP EDUCATORS WITH THE COMPETENCE TO INCLUDE SD IN THEIR TEACHING									
If necessary, provide	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 <sup>23</sup> of educators.								
Sub-indicator 3.1.1	Is ESD a part of the initial educators' training? <sup>24</sup>								
Yes 🗌 No 🗌	Phase II: Please specify by filling in the table in Annex 3.								
Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training? <sup>25</sup>								
Yes 🗌 No 🗌	Phase II: Please specify by filling in the table in Annex 3.								
Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?								
Yes 🗌 No 🗌	Phase II: Please specify by filling in the table in Annex 3.								
	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 🗌	Phase II: Please specify.								
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way? <sup>26</sup>								
Yes 🗌 No 🗌	Please specify how. Please list major ones and describe as appropriate.								
	Issue 4. ENSURE THAT ADEQUATE TOOLS AND MATERIALS FOR ESD ARE ACCESSIBLE								

<sup>&</sup>lt;sup>22</sup> 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-<sup>23</sup> For higher education institutions: This covers the issue of **university out each** (meaning a wide spectrum from regional integration, cashees expectation, cashees expectation, cooperation).
 <sup>23</sup> ESD is addressed by content and/or by methodology.
 <sup>24</sup> For higher education institutions: The focus is here on existing **teacher training universities/colleges** regarding SD and ESD for university/college teachers.
 <sup>25</sup> 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.
 <sup>26</sup> Including assistance through direct funding, in-kind help, political and institutional support.

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 development and production of ESD tools and materials exist?
Yes 🗌 No 🔀	Please describe.
Sub-indicator 4.1.2	Is public (national, subnational, local) authority money invested in this activity?
Yes 🗌 No 🖂	Phase II: Please specify to what extent public authority money is invested in this activity, by providing an indication of the amount (in USD) referring to the amount of ESD-related research and development expenditures, annually.
	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 🗌	Phase I: for (a) and (b) please describe.
(b) Yes □ No ⊠ (c) Yes ⊠ No □	Phase II: Please specify for (a), (b) and (c) for formal, informal and non-formal education. For (c) please also describe.
Sub-indicator 4.2.2	Are ESD teaching tools / materials available: (a) in national languages? (b) for all levels of education according to ISCED?
	Phase I: For (a) please specify.
(a) Yes ⊠ No □ (b) Yes ⊠ No □	Phase II: For (b) please specify in the table by ticking (V) as appropriate.         ISCED levels       (b)         0       0         1       0         2       0         3       V         4       V         5       0         6       0         Teacher education       0
	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 🗌 No 🔀	Phase II: Please describe.
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 referring to the amount of ESD related R&D expenditures, annually.

Sech in directory 4.2.2	Are approved ESD teaching materials available through the Internet?									
Sub-indicator 4.3.3 Yes 🛛 No 🗌	Please describe.									
Sub-indicator 4.3.4	Is a register or database of ESD teaching tools and materials in national language(s): (a) accessible through the Internet? (b) provided through other channels?									
(a) Yes ⊠ No □ (b) Yes ⊠ No □	For (a) and (b) please specify.									
	Issue 5. PROMOTE RESEARCH ON AND DEVELOPMENT OF ESD									
If necessary, provide r	If necessary, provide relevant information on your country situation regarding this specific objective. (up to 1,500 characters with spaces)									
	Indicator 5.1 Research <sup>27</sup> on ESD is promoted.									
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD <sup>28</sup> supported?									
Yes 🖂 No 🗌	Phase II: Please specify and provide the total amount annually over the reporting period, and if feasible, as % of the total research budget.									
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?									
Yes 🗌 No 🔀	Please specify.									
Sub-indicator 5.1.3	Are post-graduate programmes available:       (1) on ESD: <sup>29</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) (a) Yes ⊠ No □ (b) Yes □ No ⊠ (2) (a) Yes □ No □ (b) Yes □ No □	Phase II: Please specify for (1) (a) and (b); (2) (a) and (b).									
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 ⊠	Phase II: Please specify for (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? <sup>30</sup>									
Yes 🗌 No 🔀	Phase II: Please specify and provide the total amount annually over the reporting period.									

 <sup>&</sup>lt;sup>27</sup> These includes support from various sources, such as state, local authorities, business and non-governmental sources.
 <sup>28</sup> E.g. concepts; formation of attitudes and values; development of competencies, teaching and learning; school development; implementation of ICT; means of evaluation including socio-economic impacts.
 <sup>29</sup> ESD is addressed by substance and/or by approach.
 <sup>30</sup> Activities may include pilot projects, action research, social learning, multi-stakeholder teams.

	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>31</sup> to share the results of research and examples of good practices in ESD <sup>32</sup> among authorities and stakeholders?								
Yes 🗌 No 🗌	Phase II: please specify and provide the total amount annually over the reporting period.								
Sub-indicator 5.3.2	Are there any scientific publications: (a) specifically on ESD? (b) addressing ESD?								
(a) Yes 🛛 No 🗌	Phase I: For (a) if feasible, please provide the number on annual basis over the reporting period. Please list the major ones.								
(b) Yes 🗌 No 🗌	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 i	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 <sup>33</sup> networks on ESD?								
Yes 🗌 No 🖂	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 🗌 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 🔀	Phase II: 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 UNECE region?								
Yes 🗌 No 🖂	Please list and describe.								
	Issue 7. FOSTER CONSERVATION, USE AND PROMOTION OF KNOWLEDGE OF INDIGENOUS PEOPLE IN ESD								
Provide relevant infor	mation 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 prov	vide the updated information to indicate changes over time.								

 <sup>&</sup>lt;sup>31</sup> E.g. conferences, summer schools, journals, periodicals, networks.
 <sup>32</sup> E.g. 'participatory approach'; links to local, regional and global problems; integrative approach to environmental, economic and social issues; orientation to understanding, preventing and solving problems.
 <sup>33</sup> In this context, "international associations, working groups, programmes, partnerships etc. covers "global", "regional" and "subregional".

### 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.

### Annex 1 (a)

#### Indicator 2.1, sub-indicator 2.1.1

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

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

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

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

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

### Annex 1 (b)

### Indicator 2.1, sub-indicator 2.1.2

\_\_\_\_\_

.....

Please specify the extent to which the following broad areas of competence that support ESD are addressed explicitly in the curriculum<sup>34</sup>/programme of study at various levels of formal education, by filling in the table below.

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

Competence				ISCED Levels									
	Expected outcomes	0	1	2	3	4	5						
	- posing analytical questions/critical thinking												
	- understanding complexity/systemic thinking												
Expected outcomes         -       posing analytical questions/critical thinking         -       understanding complexity/systemic thinking         -       overcoming obstacles/problem-solving         -       managing change/problem-setting         -       creative thinking/future-oriented thinking         -       understanding interrelationships across disciplines/holistic approach         Total       -         -       other (countries to add as many as needed)         -       -         -       applying learning in a variety of life-wide contexts         -       decision making, including in situations of uncertainty         -       dealing with crises and risks													
	sing to learn       - posing analytical questions/critical thinking         education at each level enhance       - overcoming obstacles/problem-solving         is capacity for:       - outerstanding complexity/systemic thinking         - overcoming obstacles/problem-solving       - overcoming obstacles/problem-solving         - orter (creative thinking/future-oriented thinking       - orter(thinking/future-oriented thinking         - other (countries to add as many as needed)       -         - other (countries to add as many as needed)       -         - other (countries to add as many as needed)       -         - acting responsibly       -         - acting responsibly       -         - acting with self-respect       -         - acting with self-respect       -         - acting with self-respect       -         - other (countries to add as many as needed)       -         - acting responsibly       -         - acting responsibly       -         - acting with self-respect       -         - other (countries to add as many as needed)       -         - other (countries to add as many as needed)       -         - other (countries to add as many as needed)       -         - other (countries to add as many as needed)       -         - other (countries to add as many a												
fourners cupacity for.	- understanding interrelationships across disciplines/holistic approach												
	Total					4							
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		0	1	2	3	4	5						
Learning to do													
			ļ	$\square$									
	g to learn       -       posing analytical questions/critical thinking         ication at each level enhance       -       overcoming obstacles/problem-solving         capacity for:       -       overcoming obstacles/problem-solving         -       overcoming obstacles/problem-solving         -       overcoming obstacles/problem-solving         -       overcoming obstacles/problem-solving         -       creative thinking/future-oriented thinking         -       understanding interrelationships across disciplines/holistic approach         Total       -         -       other (countries to add as many as needed)         -       -         -       decision making, including in situations of uncertainty         -       acting responsibly         -       acting responsibly         -       acting with crises and risks         -       acting responsibly         -       acting responsibly         -       acting with self-respect         -       acting with determination         Total       -         -       other (countries to add as many as needed)         -       -         -       other (countries to add as many as needed)         -       - <tr< td=""><td></td><td></td><td></td><td>  </td><td></td><td></td></tr<>												
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Learning to be													
	Expected outcomes         -       posing analytical questions/critical thinking         -       understanding complexity/systemic thinking         -       overcoming obstacles/problem-solving         -       overcoming obstacles/problem-solving         -       managing change/problem-setting         -       creative thinking/future-oriented thinking         -       understanding interrelationships across disciplines/holistic approach         Total       -         -       other (countries to add as many as needed)         -       -         -       decision making, including in situations of uncertainty         -       decision making, including in situations of uncertainty         -       acting responsibly         -       acting with crises and risks         -       acting responsibly         -       acting with determination         Total       -         -       other (countries to add as many as needed)         -       -         -       acting responsibly         -       acting responsibly         -       acting with determination         Total       -         -       self-confidence         -       self-confidence			$\square$	$\square$								
					Ш								
	- other (countries to add as many as needed)												
	-												

#### Table of learning outcomes

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<sup>&</sup>lt;sup>34</sup> At state level, where relevant.

	Expected outcomes	0	1	2	3	4	5
	- acting with responsibility (locally and globally)						
	- acting with respect for others						
<b>T ( ( ) ( ) ( )</b>	- identifying stakeholders and their interests						
Learning to live and work together Does education at each level enhance	- collaboration/team working						
learners' capacity for:	- participation in democratic decision making						
learners capacity for.	<ul> <li>negotiation and consensus building</li> </ul>						
	- distributing responsibilities (subsidiarity)						
	Total						
	- other (countries to add as many as needed)						
	-						

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

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

No. of ticks	0–7	8–14	15–35	36–70	71–104	105–138
Scale	А	В	С	D	Е	F

#### Annex 2

### Indicator 2.6, sub-indicator 2.6.1

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

Table (a) According to the UNECE Strategy for ESD

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

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

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

Table (b) According to UN DESD

	Classification by UN DESD									
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 assessment key for this table (max. 35 ticks; "other" not counted) is:

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

#### Annex 3

### Indicator 3.1, sub-indicator 3.1.3

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

		% of education professionals who have received training <sup>35</sup> to integrate ESD into their practice: (see key below)																
ISCED levels					l	Educ	ator	s					Le	eader	·s/adı	minis	strate	<b>)rs</b> <sup>36</sup>
			Init	ial*				I	n ser	vice*	*			1	'n ser	vice*	**	
	Α	В	С	D	Е	F	Α	В	С	D	Ε	F	Α	B	C	D	Ε	F
0																		
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2							Î						Ĩ					
3													Î		1			
4													Î		1			
5													Î		1			
6							Î						Î					
Non-formal													Ì		1			
Informal							<b>İ</b>						ĺ					

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

% of educated tra	iners (	)–5	6–10	11–25	26–50	51–75	76–100
Scale		A	В	С	D	Е	F

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

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

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

<sup>&</sup>lt;sup>35</sup> Training is understood to include at least one day (a minimum of 5 contact hours).

<sup>&</sup>lt;sup>36</sup> Paragraphs 54 and 55 of the UNECE Strategy on ESD.

### Annex 4

Summary and self-assessment<sup>37</sup> 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

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