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Committee on Environmental Policy

United Nations Economic Commission for Europe Steering Committee on Education for Sustainable Development

Thirteenth meeting
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Item 6 of the provisional agenda
Preparations for the next (2017–2019) mandatory reporting cycle under the Strategy

Format for reporting on the implementation of the UNECE Strategy for Education for Sustainable Development (2017–2019)

Summary

By its terms of reference, the United Nations Economic Commission for Europe (ECE) Steering Committee for Education for Sustainable Development is charged with monitoring progress in the implementation of the UNECE Strategy for Education for Sustainable Development (ECE/CEP/BATUMI.CONF/2016/11, annex II, para. 4 (d)).

On 1 November 2018, States participating in the Strategy are due to submit their national implementation reports. Reports are expected to reflect the progress made in the implementation of the Strategy at the national or State level during the next implementation phase (2017–2019). The present document sets out the format for reporting (annex I). The set of indicators, on which the reporting format is based, was developed by the ECE Expert Group on Indicators for Education for Sustainable Development. The reporting format has been updated by the secretariat in consultation with the Bureau to meet the reporting needs of the current phase.

Based on national reports submitted, the secretariat will prepare a synthesis report in 2019, highlighting progress made, identifying challenges and drawing up recommendations. The synthesis report is vital for monitoring the progress made since the previous implementation phases and setting future priorities for implementing the Strategy and is expected to be presented at the fourteenth meeting of the Steering Committee in 2019.

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Contents

Introduction

1.   The present document presents a format for reporting on implementation of the UNECE Strategy for Education for Sustainable Development for the next implementation phase (2017–2019). It was developed based on the procedure for the review of implementation of the Strategy contained in the draft workplan for 2017–2019 (ECE/CEP/AC.13/2018/3). The reporting format also takes into account the two previous reporting exercises in 2010 and 2014, the related reporting templates (ECE/CEP/AC.13/2009/10 and ECE/CEP/AC.13/2014/5, respectively) and the feedback from countries following those exercises on the workability and feasibility of the indicators and the requested information for reporting.

2.   In addition, the workplan for implementation of the current phase of the Strategy sets out the timeline for the reporting exercise in 2018 (ibid., para. 46).

3.   The set of indicators was developed by the ECE Expert Group on Indicators for Education for Sustainable Development set up by the High-level Meeting of Environment and Education Ministries (Vilnius, 17–18 March 2005). Three complementary progress reports provide information on the development of the indicators (see CEP/AC.13/2005/9, ECE/CEP/AC.13/2006/5 and ECE/CEP/AC.13/2008/4).

4.   In 2014, to reflect the requirements the third phase (2011–2015) of the Strategy's initial implementation period (2005–2015), in consultation with the Expert Group on Indicators the secretariat introduced the following changes to the reporting template developed by the Group:

        (a)   The reporting template was updated to use the revised International Standard Classification of Education (ISCED), as adopted by United Nations Educational, Scientific and Cultural Organization (UNESCO) member States in 2011;

        (b)   To gather important analytical information for the implementation of education for sustainable development (ESD) after the third phase of implementation came to an end, countries were given the possibility to add concluding remarks, i.e., on the main successes, challenges and implications for future implementation for each of the Strategy's objectives;

        (c)   Where appropriate, references to educator competences in ESD as developed by the ECE Expert Group on Competences were added (indicator 3.1);

        (d)   Where appropriate, references to the priority action areas as adopted by the Steering Committee at its seventh meeting (Geneva, 1–2 March 2012) (ECE/CEP/AC.13/2012/2, para. 48) were included (indicator 2.3);

        (e)   Descriptive remarks on indicators that referred only to phases I and II of the first implementation period were revised to reflect the requirements of phase III, i.e., focusing on an analysis of implementation and implementation outcomes;

        (f)   Issue 9 of the 2010 reporting template ("Describe any assistance needed to improve implementation") was revised to read "Future implementation of education for sustainable development", focusing on priorities for the future ESD implementation framework.

5.   In 2018, to reflect the requirements and priorities of the 2017–2019 implementation phase, outlined in the framework for the future implementation of the Strategy (ECE/BATUMI.CONF/2016/11), in consultation with the Bureau, the secretariat has introduced the following changes to the 2014 reporting template developed by the Expert Group:

(a) The tables with ISCED levels provided in the "yes/no" part of indicators 1.2.2, 2.2.1, 2.3.1, 2.3.2, 2.3.3, 2.4.1 and 4.2.2 have been updated to reflect the growing interest in technical and vocational education and training by adding the relevant ISCED programme orientation category for vocational education, as follows: 25. Lower secondary vocational education; 35. Upper secondary vocational education; 45. Post-secondary non-tertiary vocational education; 55. Short-cycle tertiary vocational education. Similarly, the tables containing a breakdown by ISCED levels provided in appendixes I (a), (b) and (c) and appendix III have been also updated with the inclusion of these additional levels 25, 35, 45 and 55 for vocational education. Countries are invited to assess these levels if they have relevant information and data. Additional change was proposed during the thirteenth meeting of the Steering Committee (3-4 May 2018): where appropriate, the tables with ISCED levels have been updated by adding one option for the answer "9. No information available";

(b) The title of indicator 1.3 "National policies support synergies between processes related to sustainable development (SD) and ESD" has been revised to read "National policies support synergies between processes related to the Sustainable Development Goals (SDGs), sustainable development (SD) and ESD";

(c) A new sub-indicator 1.3.1 "Does your country have a stand- alone 'sustainable development', 'global understanding', 'international understanding' policy, plan or law in place, in each case using 'sustainable development' language?" has been added;

(d) Former sub-indicator 1.3.1 "Is ESD part of SD policy(ies) if these exist in your country?" has been renamed as sub-indicator 1.3.2;

(e) A new sub-indicator 2.4.2 "Which of the following dimensions of learning is your country planning to reinforce in student assessment or examinations in the next five years, in relation to ESD?" has been added, which includes the following options for an answer: (a) Knowledge; (b) Skills and competencies; (c) Values and attitudes; (d) Behaviours; (e) None; and (f) No information available;

(f) Issue 9 of the 2014 reporting template ("Future implementation of education for sustainable development") has been revised to read "Describe any assistance needed in implementing the Strategy in your countries", as the political mandate for the future implementation of the Strategy has since been agreed at the High-level Meeting of Education and Environment Ministries in 2016;

(g) Appendix I (a) has been revised and several new themes have been added to the listing of proposed themes, as follows: "Sustainable lifestyles"; "Gender equality"; "Oceans and sea"; "Renewable energy"; Sustainable cities and communities"; and "Culture's contribution to sustainable development". Also, several themes have been revised as follows: "Ethics and philosophy" has been revised to read "Environmental ethics and philosophy"; "Citizenship, democracy and governance" has been revised to read "Global citizenship, democracy and governance"; "Environmental protection (waste management, etc.) has been revised to read "Environmental protection (waste management, environmental monitoring, risk assessment, etc.)"; "Climate change" has been revised to read "Climate change and desertification"; and "Economics" has been revised to read "Economic growth and good jobs".

6. The main elements of the reporting procedure are as follows:

(a) ECE member States should prepare reports through a transparent consultative process involving all relevant stakeholders at the national or State level;

(b) Although the "yes/no" part of sub-indicators was required to be reported on in the initial phase I (2007) and the "descriptive" part in phase II (by 2010) and phase III

(by 2015), countries are encouraged to report on the full set of indicators at the end of each phase, to the extent possible, in line with a country's progress in implementing the Strategy for ESD;

(c)   Thirty-eight member States reported on a voluntary basis by preparing reports for the Environment for Europe Ministerial Conference in Batumi in 2016. Thirty-six member States submitted national implementation reports for the Environment for Europe Ministerial Conference in Belgrade in 2007, and 36 member States responded to the first formal call for reporting in 2010. Countries are requested to prepare an updated version of their most recent report for 2018;

(d)   Reports should be submitted to the secretariat electronically in Word format. The text should be in English. Member States are also encouraged to provide the text in the two other official languages of ECE, French and Russian. Reports will be made available in the languages in which they are received. No editing will be provided;

(e)   The deadline for submission of reports to the secretariat, taking into account United Nations document management procedures, is 1 November 2018;

(f)   The ECE secretariat will post the reports on its website;

(g)   The ECE secretariat will prepare a synthesis report for 2019, highlighting achievements, identifying challenges and drawing conclusions regarding future ESD implementation. It is expected that the reporting results will be presented at the fourteenth meeting of the Steering Committee in 2019;

(h)   Key stakeholders are encouraged to provide the secretariat with their reports on programmes or activities that support the implementation of the Strategy.

7.   The key documents for the preparation of the 2018 national implementation reports include the following:

(a)   The UNECE Strategy for Education for Sustainable Development (CEP/AC.13/2005/3/Rev.1);

(b)   The format for reporting presented in annex I to the present document;

(c)   The guidance for reporting on the implementation of the UNECE Strategy for Education for Sustainable Development (ECE/CEP/AC.13/2009/5);

(d)   The first progress report on the implementation of the Strategy (2005–2007), "Learning from each other: achievements, challenges and the way forward" (ECE/BELGRADE.CONF/2007/INF/3-ECE/CEP/AC.13/2007/2 and Add.1 and Corr.1);

(e)   The second evaluation report on the implementation of the Strategy (2008–2010), "Learning from each other: achievements, challenges and ways forward" (ECE/CEP/AC.13/2012/3);

(f)   The third evaluation report on the implementation of the Strategy (2011–2015), "Learning from each other: achievements, challenges and ways forward" (ECE/CEP/AC.13/2016/3);

(g)   The publication: *Ten Years of the UNECE Strategy for Education for Development — Evaluation Report on the Implementation of the UNECE Strategy for Education for Sustainable Development from 2005 to 2015* (ECE/CEP/179).

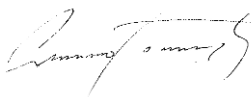8.   A proposed timeline for reporting is provided in annex II to the present document.

Annex I

Format for reporting on implementation of the UNECE Strategy for Education for Sustainable Development

Implementation phase: 2017–2019

The following report is submitted on behalf of the Government of Bosnia and Herzegovina in accordance with the decision of the ECE Steering Committee on Education for Sustainable Development.

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

Signature:

Date: 19/10/2018

Full name of the institution: Agency for Pre-Primary, Primary and Secondary Education

Postal address: B&H, 88000 Mostar, Kneza Domagoja bb Kneza Domagoja bb, 88 000 Mostar

Telephone: 00 387 51 430 714

Email: sinisa.gataric@aposo.gov.ba, info@aposo.gov.ba

Website: www.aposo.gov.ba

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 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 Civil Affairs of Bosnia and Herzegovina, Ministries of Education from entities and cantons and the Department of Education of the Brcko District Government in Bosnia and Herzegovina, Agency for Development of Higher Education and Quality Assurance of Bosnia and Herzegovina, Agency for Pre-primary, Primary and Secondary Education.

☐ Stakeholders: _____

☐ NGOs (please specify) _____

☐ Academia (please specify) _____

☐ Business (please specify) _____

☐ Other (please specify) _____

Information collected in the process of preparing this report has been obtained from the relevant ministries of education and other institutions mentioned above.

This report was sent to all institutions mentioned above and all information obtained was taken into account when preparing the report considering their relevance for a comprehensive 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 decentralized, and whether financial constraints are a significant obstacle to implementation. (This information should not exceed half a page.)

The jurisdiction over education in Bosnia and Herzegovina is decentralized. There are two entity ministries of education, ten cantonal ministries of education and Department of Education of the Brcko District Government.

The difficulty in combining the final report was to put all the data from multiple sources at different levels of ESD implementation together. In some parts of the report, the general image shows a high level of implementation, but it only applies to certain segments.

In cases where the implementation level applies only to some individual cantons, the source of information is specified.

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.*
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 ministry(ies)/department(s) the focal point(s) is(are) located.* *Agency for Pre-primary, Primary and Secondary Education.*
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 Global Action Programme on Education for Sustainable Development as follow-up to the United Nations Decade of Education for Sustainable Development after 2014,[3] and other policy processes relevant to ESD?
Yes ☐ No ☒	*Please specify and list major documents.*
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 ☒ No ☐	*Please specify and list any major document(s).*

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[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] See A/69/76.

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

Strategic Framework for Bosnia and Herzegovina, 2015 - BiH Directorate for Economic Planning.

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 or requirements at all levels of formal education, as understood by your education system in accordance with ISCED?[5]
(a) Yes ☒ No ☐ (b) Yes ☒ No ☐	*If yes, please specify details for (a) and (b).* *Please also fill in the table by ticking (✔) as appropriate.*

ISCED levels 2011	**(a)** *Yes*	**(b)** *Yes*
0. Early childhood education	✔	✔
1. Primary education	✔	✔
2. Lower secondary education		
25. Lower secondary vocational education		
3. Upper secondary education	✔	✔
35. Upper secondary vocational education	✔	✔
4. Post secondary non-tertiary education		
45. Post-secondary non-tertiary vocational education		
5. Short-cycle tertiary education		
55. Short-cycle tertiary vocational education		
6. Bachelor's or equivalent level	✔	✔
7. Master's or equivalent level	✔	✔
8. Doctoral or equivalent level	✔	✔
9. No information available		

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[5] See http://uis.unesco.org/en/topic/international-standard-classification-education-isced.

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 ☒ No ☐	*Please specify.* Strategic Platform for Development of Adult Education in the Lifelong Learning Context in Bosnia and Herzegovina for the period 2014-2020. ("Official Gazette" of Bosnia and Herzegovina, No. 96/14). The Law on Adult Education in Sarajevo Canton. (Source: Competent Ministry of Education of Sarajevo Canton). Primary school curriculum. (Source: Competent Ministry of Education of Herzegovina-Neretva Canton).
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?
Yes ☒ No ☐	*Please specify.* Labour education in the lifelong learning context and assuring quality education towards economic growth
Sub-indicator 1.2.5	Does a formal structure for interdepartmental[6] cooperation relevant to ESD exist in your Government?
Yes ☒ No ☐	*Please specify.* Ministry of Civil Affairs of Bosnia and Herzegovina coordinates with relevant education authorities and institutions that are implementing activities related to ESD.
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.* A focal point from Agency for Pre-primary, Primary and Secondary Education was appointed for the United Nations Economic Commission for Europe Steering Committee for Education for Sustainable Development. Co-financing ESD. (Source: Competent Ministry of Education of Sarajevo Canton).
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 the Sustainable Development Goals (SDGs), sustainable development (SD) and ESD**

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[6] Between State bodies.

[7] For an explanation, see paragraph 46 of the UNECE Strategy for ESD.

Sub-indicator 1.3.1	Does your country have a stand- alone "sustainable development", "global understanding", "international understanding" policy, plan or law in place, in each case using "sustainable development" language?
Yes ☐ No ☒	*Please specify.*
Sub-indicator 1.3.2	Is ESD part of SD policy(ies) if these exist in your country?
Yes ☐ No ☒	*Please specify.*
Concluding remarks on issue 1	*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 and/or initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *What other considerations have to be taken into account in future ESD implementation concerning this objective?*

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[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.* A special subject in high schools: Ecology; A special subject in high schools: Entrepreneurship; Environmental protection – a part of the content of Science group of subjects, as well as a subject of free activities and school projects; Ethics - high school students choose between Ethics and Religious education subjects Politics, Economy, Democracy and Human Rights; free activities and school projects; Climate change – a part of content of Science subjects (geography, etc.);

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[8] For details, see paragraph 15 of the UNECE Strategy for ESD.

[9] For the State or federal level, where relevant.

Civic education, Democracy, Human rights as a special subject in elementary and secondary schools, free activities and school projects;

Personal and family health – a part of the content is included in the subjects of Science, Biology and Culture of living;

Education and Training for Environment and Sustainable Development - a part of a Science group of subjects, interdisciplinary as well as topics for school projects.

(Source: Competent Ministries of Education of Bosnia-Podrinje Canton, Tuzla Canton and Posavina Canton).

Please update the table in appendix I (a) that was used for implementation phases II and III 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.

Note: The assessment could not be made because of incomplete dispose of data. Table 1 (a) is filled based on data collected from three cantons.

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.* Existing curricula does not contain key competencies as learning outcomes, but the competences that support ESD (learning to learn, learning to do, learning to be , learning to live and work together) can be recognized in most teaching contents for developing language, numeric, intercultural, civic and other competences. A common core curriculum for Science - Biology is defined on the learning outcomes, a common core curriculum for **My Environment**, Science and Geography are defined on the learning outcomes, a common core curriculum for Chemistry is defined on the learning outcomes which support ESD. (Source: Competent Ministries of Education of Bosnia-Podrinje Canton, Tuzla Canton, Herzegovina-Neretva Canton and Posavina Canton) *Please update the table in appendix I (b) that was used for implementation phases II and III 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.*

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[10] Idem.

	Note: The assessment could not be made because of incomplete dispose of data. Table 1 (a) is filled based on data collected from three cantons. | A	B	C	D	E	F
☐	☐	☐	☐	☐	☐	

Sub-indicator 2.1.3	Are teaching and learning methods that support ESD addressed explicitly in the curriculum[11] or programme of study at various levels of formal education?
Yes ☒ No ☐	*Please specify which methods are of particular significance in your country. Please also specify for non-formal education, as appropriate.*
	Discussions, role plays, scenarios, excursions and education in nature, projects, good practice analysis, problem solving;
	In the Guidelines for a modernized teaching approach based on learning outcomes that support ESD are: Research Teaching, Project Learning, Problem and Action Teaching, Using Educational Technologies, Team Teaching.
	(Source: Competent Ministries of Education of Bosnia-Podrinje Canton, Tuzla Canton, Herzegovina-Neretva Canton and Posavina Canton)
	Please also update the table in appendix I (c) that was used to report on implementation phases II and III, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.
	Note: The assessment could not be made because of incomplete dispose of data. Table 1 (a) is filled based on data collected from three cantons.

A	B	C	D	E	F
☐	☐	☐	☐	☐	☐

Indicator 2.2	**Strategies to implement ESD are clearly identified**
Sub-indicator 2.2.1	Is ESD addressed through: (a) existing subjects[12] only?; (b) a cross-curriculum approach?; (c) the provision of specific subject programmes and courses?; (d) a stand-alone project?[13]; (e) other approaches?

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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 or learning method.

(a) Yes ☒ No ☐

(b) Yes ☒ No ☐

(c) Yes ☒ No ☐

(d) Yes ☒ No ☐

(e) Yes ☒ No ☐

Please specify for different levels of education system in accordance with ISCED by ticking (✓) in the table as appropriate.

ISCED levels 2011	(a) Yes	(b) Yes	(c) Yes	(d) Yes	(e) Yes
0. Early childhood education		✓		✓	✓
1. Primary education		✓	✓		✓
2. Lower secondary education					
25. Lower secondary vocational education		✓		✓	
3. Upper secondary education		✓		✓	
35. Upper secondary vocational education		✓		✓	
4. Post-secondary non-tertiary education			✓		
45. Post-secondary non-tertiary vocational education			✓		
5. Short-cycle tertiary education			✓		
55. Short-cycle tertiary vocational education			✓		
6. Bachelor's or equivalent level					
7. Master's or equivalent level		✓	✓	✓	✓
8. Doctoral or equivalent level		✓	✓	✓	✓
9. No information available					

Please also provide information about the incentives on the national level for implementing (a), (b), (c), (d), and (e).

Indicator 2.3   A whole-institution approach[14] to SD/ESD is promoted

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[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).

Sub-indicator 2.3.1	Do educational institutions[15] adopt a "whole-institution approach" to SD/ESD?
Yes ☐ No ☒	*The Steering Committee has adopted as one priority action area that every school adopts an ESD school plan by 2019.[16] ESD school plans are one means to implement a whole-institution approach. Please provide information on the implementation of this priority action area in your country.* *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	
25. Lower secondary vocational education	
3. Upper secondary education	
35. Upper secondary vocational education	
4. Post secondary non-tertiary education	
45. Post-secondary non-tertiary vocational education	
5. Short-cycle tertiary education	
55. Short-cycle tertiary vocational education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	
9. No information available	

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

[16] See paragraph 20 of the framework for the future implementation of the UNECE Strategy for Education for Sustainable Development.

Sub-indicator 2.3.2	Are there any incentives (guidelines, award scheme, funding, technical support) that support a whole-institution approach to SD/ESD, including the implementation of ESD school plans?

Yes ☐ No ☒	*If yes, please specify what schemes are available for all levels of your education system.* *Please also provide information on all education levels in accordance with ISCED by ticking (✓) in the table as appropriate.*

ISCED levels 2011	*Yes*
0. Early childhood education	
1. Primary education	
2. Lower secondary education	
25. Lower secondary vocational education	
3. Upper secondary education	
35. Upper secondary vocational education	
4. Post secondary non-tertiary education	
45. Post-secondary non-tertiary vocational education	
5. Short-cycle tertiary education	
55. Short-cycle tertiary vocational education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	
9. No information available	

Please also specify for non-formal and informal education, as appropriate. If relevant information is available please also specify (provide examples).

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.* The outcomes achieved on the personal development of students are descriptive and integral part of the Pedagogical Card of the students.

Schools develop various school eco-projects.

(Source: Competent Ministry of Education of Herzegovina-Neretva Canton)

Please also indicate for all levels of your education system in accordance with ISCED, by ticking (✔) in the table as appropriate:

(a) For formal institutions:

ISCED levels 2011	*Yes*
0. Early childhood education	✔
1. Primary education	✔
2. Lower secondary education	
25. Lower secondary vocational education	
3. Upper secondary education	
35. Upper secondary vocational education	
4. Post secondary non-tertiary education	
45. Post-secondary non-tertiary vocational education	
5. Short-cycle tertiary education	
55. Short-cycle tertiary vocational education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	
9. No information available	

(b) For non-formal institutions:

ISCED levels 2011	*Yes*
0. Early childhood education	✔

		1. Primary education	✔
		2. Lower secondary education	
		25. Lower secondary vocational education	
		3. Upper secondary education	
		35. Upper secondary vocational education	
		4. Post secondary non-tertiary education	
		45. Post-secondary non-tertiary vocational education	
		5. Short-cycle tertiary education	
		55. Short-cycle tertiary vocational education	
		6. Bachelor's or equivalent level	
		7. Master's or equivalent level	
		8. Doctoral or equivalent level	
		9. No information available	

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?:[17] (b) Do they address ESD?; (c) Are there any education quality assessment/enhancement systems that address ESD in national systems?

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[17] For higher education institutions: either national centres for quality assessment in higher education or cooperation with general quality assessment agencies, such as the European Foundation for Quality Management (EFQM).

(a) Yes ☒ No ☐

(b) Yes ☐ No ☒

(c) Yes ☐ No ☒

Please elaborate.

Also, please specify for various levels of your education system in accordance with ISCED, by ticking (✔) in the table as appropriate.

ISCED levels 2011	(a) Yes	(b) Yes	(c) Yes
0. Early childhood education	✔		
1. Primary education	✔		
2. Lower secondary education			
25. Lower secondary vocational education			
3. Upper secondary education	✔		
35. Upper secondary vocational education	✔		
4. Post-secondary non-tertiary education			
45. Post-secondary non-tertiary vocational education			
5. Short-cycle tertiary education			
55. Short-cycle tertiary vocational education			
6. Bachelor's or equivalent level	✔		
7. Master's or equivalent level	✔		
8. Doctoral or equivalent level	✔		
9. No information available			

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).

Sub-indicator 2.4.2	Which of the following dimensions of learning is your country planning to reinforce in student assessment/examinations in the next five years, in relation to ESD?: (a) Knowledge, (b) Skills and competencies; (c) Values and attitudes; (d) Behaviours; (e) None; (f) No information available.

(a) Yes ☒ No ☐
(b) Yes ☒ No ☐
(c) Yes ☒ No ☐
(d) Yes ☒ No ☐
(e) Yes ☐ No ☐
(f) Yes ☐ No ☐

Please elaborate.

Also, please specify for various levels of your education system in accordance with ISCED, by ticking (✔) in the table as appropriate.

ISCED levels 2011	(a) Yes	(b) Yes	(c) Yes	(d) Yes	(e) Yes	(f) Yes
0. Early childhood education	✔	✔	✔	✔		
1. Primary education	✔	✔	✔	✔		
2. Lower secondary education						
25. Lower secondary vocational education						
3. Upper secondary education	✔	✔	✔	✔		
35. Upper secondary vocational education	✔	✔	✔	✔		
4. Post-secondary non-tertiary education						
45. Post-secondary non-tertiary vocational education						
5. Short-cycle tertiary education						
55. Short-cycle tertiary vocational education						
6. Bachelor's or equivalent level	✔	✔	✔	✔		
7. Master's or equivalent level	✔	✔	✔	✔		
8. Doctoral or equivalent level	✔	✔	✔	✔		
9. No information available						

Please also specify for non-formal and informal education, as appropriate. If relevant data are available, please also specify this data (i.e., provide examples on how the data was compiled).

Indicator 2.5	ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice
Sub-indicator 2.5.1	Are SD issues addressed in informal and public awareness-raising activities?
Yes ☒ No ☐	*Please specify and provide information on new developments and good practice examples.* Promoting activities on the importance of the ecological factor for economic progress. Promoting businesses that advocate a green economy. Different campaigns and expert meetings are planned. The institutions celebrate various international days: UN World Environment Day, Water Day, Earth Day, Forest Day, Swamp Day, Bat Day, Bread Day, AppleDay, etc.
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.* In secondary vocational education, there is a support for work-based learning and more practical work in companies. There are incentives for small companies and farmers involved in organic production as well. There are small social companies, eco-financing and waste management. The Ministry of the Environment supports various environmental protection projects.
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 ☐ No ☒	*Please specify in particular which instruments were the most effective in assessing the outcomes of ESD as a result of non-formal or informal learning.*
Indicator 2.6	**ESD implementation is a multi-stakeholder process**[18]
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?

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[18] 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).

Yes ☒ No ☐	*Please specify the main Hstakeholders 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.* Ministries of Education, Ministries of Environment or the institutions authorized by these ministries.
Concluding remarks on issue 2	*Please provide any concluding remarks you may have concerning the implementation of issue 2, which corresponds to objective (b) under the Strategy, namely to promote sustainable development through formal, non-formal and informal learning.*
	Please address in particular the following questions: – *Which actions and/or initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *What 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, 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[19] of educators
Sub-indicator 3.1.1	Is ESD a part of educators' initial training?[20]
Yes ☐ No ☒	*In particular specify which ESD competences[21] are explicitly included in the study programmes.* Not explicitly and not referred as ESD. There are special programs for biology and chemistry teachers. Social subjects teachers are more into the field of human rights, personal and social development (non-violence and addiction prevention). (Source: Competent Ministry of Education of Herzegovina-Neretva).
Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training?[22]
Yes ☐ No ☒	*In particular specify which ESD competences are explicitly included in training programmes. Please also specify to what extent the training programmes are mandatory or optional.* *Please also update the information provided under the phase III 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 which 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?

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[19] ESD is addressed by content and/or by methodology.

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

[21] 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.

[22] 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.

Yes ☒ No ☐	*Please specify.*
	Innovative Teacher Network, Eco School Network, CIVITAS Network and Education in Nature Programmes.
	(Source: Competent Ministriy of Education of Herzegovina-Neretva Canton)
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the Government in any way?[23]
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 and/or initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *What 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.*
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 an indication of the amount (in United States dollars (USD)) for annual expenditures on ESD-related research and development.*
Indicator 4.2	**Quality control mechanisms for 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?

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

(a) Yes ☐ No ☒ (b) Yes ☐ No ☒ (c) Yes ☐ No ☒	*Please specify.*
Sub-indicator 4.2.2	Are ESD teaching tools and materials available: (a) in national languages?; (b) for all levels of education according to ISCED?
(a) Yes ☐ No ☒ (b) Yes ☐ No ☒	*Please specify. If the answer is yes for (b), please specify by ticking (✓) in the table as appropriate.*

ISCED levels 2011	*Yes*
0. Early childhood education	
1. Primary education	
2. Lower secondary education	
25. Lower secondary vocational education	
3. Upper secondary education	
35. Upper secondary vocational education	
4. Post secondary non-tertiary education	
45. Post-secondary non-tertiary vocational education	
5. Short-cycle tertiary education	
55. Short-cycle tertiary vocational education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	
9. No information available	

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 ☒	*Please describe and in particular highlight which measures are the most efficient for dissemination.*

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.*
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 ☒ (b) Yes ☐ No ☒	*For (a) and (b) please specify and mention by whom it was established and by whom it is managed.*
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 and/or initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *What 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 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 which subjects were investigated and list major reports.*

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[24] These include support from various sources, such as State, local authorities, business and non-governmental organizations or 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 ☒ (b) Yes ☐ No ☒ (2) (a) Yes ☐ No ☒ (b) Yes ☐ No ☒	*Please specify what programmes are available and list the most important academic dissertations that address 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 ☐ 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]
Yes ☒ No ☐	*Please specify what main projects were/are being implemented to that end.* Various projects of civic society organizations are funded by The Ministry of Environmental protection and Nature, There is a programme on Entrepreneurship and trade, *These organisations stand out in implementation of the projects:* Regional Environmental Center Bosnia and Herzegovina, Save The Children, CIVITAS Bosnia and Herzegovina, Step by Step and Promente - ESD in theWestern Balkans, Caritas Bosnia and Herzegovina - Disaster risk reduction (Source: Competent Ministry of Education of Herzegovina-Neretva Canton).
Indicator 5.3 **Dissemination of research results on ESD is promoted**	

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[26] ESD is addressed by substance and/or by approach.

[27] Activities may include projects, action research, social learning and multi-stakeholder teams.

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.* Conference topics and Publications, Network within Regional Environmental Center Bosnia and Herzegovina. (Source: Competent Ministry of Education of Herzegovina-Neretva Canton).

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[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 ☐ (b) Yes ☒ No ☐	*Please name the major publications for (a) and (b).* Publications by Regional Environmental Center Bosnia and Herzegovina. Publications by SUI GENERIS (Source: Competent Ministry of Education of Herzegovina-Neretva Canton).
Concluding remarks on issue 5	*Please provide any concluding remarks you may have concerning the implementation of issue 5, which corresponds to objective (e) under the Strategy, namely, to promote research on and development of ESD.*
	– *Which actions and/or initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *What 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**

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 ECE region and beyond**
Sub-indicator 6.1.1	Do your public authorities cooperate in or support international[30] networks on ESD?

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

Yes ☒ No ☐	*Please specify concrete networks and explain who supports these networks.*
	The ADRION Transnational Programme
	By bringing together eight Partner States (Albania, Bosnia and Herzegovina, Croatia, Greece, Italy, Montenegro, Serbia and Slovenia), ADRION aims to act as a policy driver and governance innovator for the benefit of more than 70 million people in the Adriatic and Ionian region using rich cultural and natural heritage, environmental resilience, sustainable transport and mobility as well as capacity building which contributes to ESD goals.
	Danube Transnational Programme 2014-2020
	Projects and activities aim to promote an interactive and responsible region, environmental protection and cultural heritage, as well as better connectivity and energy efficiency.
Sub-indicator 6.1.2	Do educational institutions or organizations (formal and non-formal) in your country participate in international networks related to ESD?
Yes ☒ No ☐	*Please specify. List major networks.*
	Regional Environmental Center Bosnia and Herzegovina (REC).
	REC directly contributes to UNESCO's Global Action Plan for Education for Sustainable Development (ESD) and the UNECE Strategy for ESD and facilitates the achievement of United Nations Sustainable Development through capacity building for implementation of the UN Agenda for Sustainable Development (UN 2030).
	REC provides professional advice to decision makers on education policy; promotes dialogue and international co-operation among different stakeholder groups; spreads knowledge on politics and instruments for ESD; develops innovative multimedia tools in electronic /online and printed formats for teaching in the classroom; capacity building of regional, national and subnational stakeholders and facilitates participation in policy making.
	Eco schools; Project Citizen, Safe schools, Inclusive schools
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms or agreements that include an explicit ESD component?
Yes ☒ No ☐	*Please specify and list the major ones.*
	Pestaloci programme, KulturKontakt, Safe schools network
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*
	Please address in particular the following questions: - *Which actions and/or initiatives have been particularly successful and why?* - *What challenges did your country encounter when implementing this objective?* - *What 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**

We have not found this information.

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 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**

We have not found this information.

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.	**Describe any assistance needed in implementing the Strategy in your countries**

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

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 (✓) 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?

Some key themes covered by sustainable development	ISCED Levels 2011												
	0	*1*	*2*	*25*	*3*	*35*	*4*	*45*	*5*	*55*	*6*	*7*	*8*
Peace studies (e.g., international relations, security and conflict resolution, partnerships)	✓	✓		✓	✓	✓	✓		✓		✓		
Environmental ethics and philosophy	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓
Global citizenship, democracy and governance		✓		✓	✓	✓	✓		✓		✓	✓	✓
Sustainable lifestyles		✓		✓	✓	✓	✓		✓		✓	✓	✓
Human rights (e.g., gender and racial and intergenerational equity)		✓		✓	✓	✓	✓		✓				
Poverty alleviation					✓	✓	✓		✓		✓	✓	✓
Cultural diversity		✓		✓	✓	✓	✓		✓		✓	✓	✓
Gender equality		✓		✓	✓	✓	✓		✓				
Biological and landscape diversity		✓		✓	✓	✓	✓		✓				✓
Environmental protection (waste management, environmental monitoring, risk assessment, etc.)	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓
Ecological principles/ecosystem approach	✓	✓		✓	✓	✓	✓		✓		✓		✓
Natural resource management (e.g., water, soil, mineral, fossil fuels)				✓	✓	✓	✓		✓		✓		✓
Climate change and desertification		✓			✓	✓							✓

	ISCED Levels 2011												
Some key themes covered by sustainable development	*0*	*1*	*2*	*25*	*3*	*35*	*4*	*45*	*5*	*55*	*6*	*7*	*8*
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					✓		✓		✓		✓	✓	✓
Economic growth and good jobs											✓	✓	✓
Rural/urban development					✓	✓	✓		✓			✓	✓
Oceans and sea													
Renewable energy		✓		✓	✓	✓	✓		✓		✓	✓	✓
Sustainable cities and communities		✓			✓							✓	✓
Culture's contribution to sustainable development		✓			✓		✓		✓			✓	✓
Total	5	16		14	21	17	19		18		14		18
Other (countries to add as many as needed)													

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

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

No. of ticks	0–9	10–16	17–39	40–75	76–112	113–153
Scale	A	B	C	D	E	F

Note: The assessment could not be made because of incomplete dispose of data. Table 1 (a) is filled based on data collected from three cantons.

Appendix I (b)

Indicator 2.1, sub-indicator 2.1.2

Please specify the extent to which the following broad areas of competence that support ESD are addressed explicitly in the curriculum[31] or programme of study at various levels of formal education, by filling in the table below. *(Please tick (✓) relevant expected learning outcomes for each level. Use the blank rows to insert additional learning outcomes (skills, attitudes and values) that are considered to be key outcomes in your country in learning for SD.)*

Table of learning outcomes

Competence	Expected outcomes	ISCED Levels												
		0	*1*	*2*	*25*	*3*	*35*	*4*	*45*	*5*	*55*	*6*	*7*	*8*
Learning to learn Does education at each level enhance learners' capacity for:	- posing analytical questions/critical thinking?		✓		✓	✓	✓							
	- understanding complexity/systemic thinking?					✓	✓							
	- overcoming obstacles/problem-solving?					✓	✓							
	- managing change/problem-setting?		✓		✓	✓	✓							
	- creative thinking/future-oriented thinking?		✓		✓	✓	✓							
	- understanding interrelationships across disciplines/holistic approach?				✓	✓	✓							
	Total		3		4	6	6							
	- other? (*countries to add as many as needed*)													
Learning to do Does education at each level enhance learners' capacity for:	- applying learning in a variety of life-wide contexts?					✓	✓							
	- decision-making, including in situations of uncertainty?					✓	✓							
	- dealing with crises and risks?					✓	✓							
	- acting responsibly?					✓	✓							
	- acting with self-respect?				✓	✓	✓							
	- acting with determination?					✓	✓							
	Total				2	6	6							

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[31] At the state level, where relevant.

Competence	Expected outcomes	ISCED Levels												
		0	*1*	*2*	*25*	*3*	*35*	*4*	*45*	*5*	*55*	*6*	*7*	*8*
	- other? (*countries to add as many as needed*)													

Competence	Expected outcomes	ISCED Levels												
		0	1	2	25	3	35	4	45	5	55	6	7	8
Learning to be Does education at each level enhance learners' capacity for:	- self-confidence?	✓	✓		✓	✓	✓							
	- self-expression and communication?	✓	✓		✓	✓	✓							
	- coping under stress?					✓	✓							
	- ability to identify and clarify values*?*		✓		✓	✓	✓							
	Total	2	3		3	4	4							
	- other? (*countries to add as many as needed*)													
Learning to live and work together Does education at each level enhance learners' capacity for:	- acting with responsibility (locally and globally)?		✓		✓	✓	✓							
	- acting with respect for others?	✓	✓		✓	✓	✓							
	- identifying stakeholders and their interests?				✓	✓	✓							
	- collaboration/team working?	✓	✓		✓	✓	✓							
	- participation in democratic decision-making?		✓		✓	✓	✓							
	- negotiation and consensus-building?					✓	✓							
	- distributing responsibilities (subsidiarity)?					✓	✓							
	Total	2	4		5	7	7							
	- 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	A	B	C	D	E	F

Note: The assessment could not be made because of incomplete dispose of data.

Appendix I (c)

Indicator 2.1, sub-indicator 2.1.3

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

Table of teaching-learning methods

Some key ESD teaching/learning methods proposed by the Strategy[a]	ISCED Levels												
	0	*1*	*2*	*25*	*3*	*35*	*4*	*45*	*5*	*55*	*6*	*7*	*8*
Discussions					✓	✓							
Conceptual and perceptual mapping		✓		✓	✓	✓							
Philosophical inquiry					✓	✓							
Value clarification					✓	✓							
Simulations; role playing; games	✓	✓		✓	✓	✓							
Scenarios; modelling					✓	✓							
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*)													

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	A	B	C	D	E	F

Note: The assessment could not be made because of incomplete dispose of data.

Appendix II

Indicator 2.6, sub-indicator 2.6.1

Please specify to what extent ESD implementation is a multi-stakeholder process by filling in the table below. Please provide examples of good practice. *(Please tick (✔) in both tables (a) and (b) 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		
	Formal	*Non-formal*	*Informal*
NGOs		✓	✓
Local government	✓	✓	
Organized labour	✓	✓	
Private sector		✓	✓
Community-based		✓	
Faith-based	✓		
Media	✓	✓	
Total	4	6	2
Other (*countries to add as many as needed*)			

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

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

Note: The assessment could not be made because of incomplete dispose of data. The table is filled based on data collected from several cantons.

Table (b)
According to United Nations Decade of ESD

Stakeholders	Classification by United Nations Decade of ESD				
	Public awareness	*Quality education*	*Reorienting education*	*Training*	*Social learning*
NGOs	✓	✓		✓	✓
Local government		✓			
Organized labour		✓		✓	✓
Private sector		✓	✓	✓	✓
Community-based		✓	✓		✓
Faith-based					✓
Media	✓				✓
Total	**2**	**5**	**2**	**3**	**6**
Other (*countries to add as many as needed*)					

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

No. of ticks	0–5	6–11	12–17	18–23	24–29	30–35
Scale	A	B	C	D	E	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 (✓) as appropriate.

ISCED levels	Percentage of education professionals who have received training[a] to integrate ESD into their practice																	
	Educators												Leaders/administrators[b]					
	Initial[c]						In service[d]						In service[e]					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
0. Early childhood education																		
1. Primary education																		
2. Lower secondary education																		
25. Lower secondary vocational education																		
3. Upper secondary education																		
35. Upper secondary vocational education																		
4. Post-secondary non-tertiary education																		
45. Post-secondary non-tertiary vocational education																		
5. Short-cycle tertiary education																		
55. Short-cycle tertiary vocational education																		

ISCED levels	Percentage of education professionals who have received training[a] to integrate ESD into their practice																	
	Educators												Leaders/administrators[b]					
	Initial[c]						In service[d]						In service[e]					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
6. Bachelor's or equivalent level																		
7. Master's or equivalent level																		
8. Doctoral or equivalent level																		
9. No information available																		
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 | A | B | C | D | E | 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.

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

Annex II

Proposed timeline for reporting

The proposed timeline for the preparation and submission of national implementation reports set out below aims to facilitate the reporting exercise at the national level. Member States are asked to respect the deadline of 1 November 2018 to ensure sufficient time for the preparation of the report on progress in implementation during the first post-2015 phase of implementation of the Strategy at the regional level, and the reflection of any review of implementation in the discussions on education for sustainable development within the framework of the Steering Committee.

National preparation process	Time required	Tentative timing
First draft of the report	1 month	June 2018
Multi-stakeholder consultation on the draft	1–3 months	July-September 2018
Final report preparation (including translation, where required)	1 month	October 2018
Deadline for submission of national implementation reports to ECE		1 November 2018