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## Economic Commission for Europe

### Committee on Environmental Policy

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

##### Thirteenth meeting

Geneva, 3 and 4 May 2018

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 October 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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## 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;

(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 October 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 Bulgaria 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: Ms. Evgeniya Kostadinova

Signature:

Date: 30 March 2018

Full name of the institution: Ministry of Education and Science

Postal address: 2A Knyaz Dondukov Blvd., Sofia 1000, Bulgaria

Telephone: +359 2 9217 746

Email: e.kostadinova@mon.bg

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 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) \_\_\_\_\_

Stakeholders: \_\_\_\_\_

NGOs (please specify) \_\_\_\_\_

Academia (please specify) \_\_\_\_\_

Business (please specify) \_\_\_\_\_

Other (please specify) \_\_\_\_\_

B. Report any particular circumstances that help clarify the context of the report — for example, whether the decision-making structure is federal and/or decentralized, and whether financial constraints are a significant obstacle to implementation. (This information should not exceed half a page.)



<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 1.1 Prerequisite measures are taken to support the promotion of ESD</b>	
Sub-indicator 1.1.1	Is the UNECE Strategy for ESD available in your national <sup>2</sup> language(s)?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify languages.</i> Bulgarian
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>If yes, please specify in which ministry(ies)/department(s) the focal point(s) is(are) located.</i> MoES and MEE
Sub-indicator 1.1.3	Do you have a coordinating body for implementation of ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify its mandate and coordinating mechanism. Please also specify whether its mandate covers implementation of the UNECE Strategy for ESD.</i>
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify whether this plan includes implementation of the UNECE Strategy for ESD and please indicate the Internet address where it is accessible.</i>
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, <sup>3</sup> and other policy processes relevant to ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and list major documents.</i>
<b>Indicator 1.2 Policy, regulatory and operational frameworks support the promotion of ESD</b>	
Sub-indicator 1.2.1	Is ESD reflected in any national policy <sup>4</sup> document(s)?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and list any major document(s).</i> In The Preschool and School Law and ordinances

<sup>1</sup> 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).

<sup>2</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 sub-State entities.

<sup>3</sup> See A/69/76.

<sup>4</sup> Policy documents may include national strategies, plans, programmes, guidelines and the like.

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>																																														
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>																																														
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? <sup>5</sup>																																													
(a) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (b) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p><i>If yes, please specify details for (a) and (b).</i></p> <p>In the State Educational Standard on Civil, Health, Environmental and Intercultural Education (Regulation No 13 of 2016 on civil, health, environmental and intercultural education)</p> <p><i>Please also fill in the table by ticking (✓) as appropriate.</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">ISCED levels 2011</th> <th>(a)</th> <th>(b)</th> </tr> <tr> <th><i>Yes</i></th> <th><i>Yes</i></th> </tr> </thead> <tbody> <tr> <td>0. Early childhood education</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>1. Primary education</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. Lower secondary education</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>25. Lower secondary vocational education</td> <td></td> <td></td> </tr> <tr> <td>3. Upper secondary education</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>35. Upper secondary vocational education</td> <td></td> <td></td> </tr> <tr> <td>4. Post secondary non-tertiary education</td> <td></td> <td></td> </tr> <tr> <td>45. Post-secondary non-tertiary vocational education</td> <td></td> <td></td> </tr> <tr> <td>5. Short-cycle tertiary education</td> <td></td> <td></td> </tr> <tr> <td>55. Short-cycle tertiary vocational education</td> <td></td> <td></td> </tr> <tr> <td>6. Bachelor's or equivalent level</td> <td></td> <td></td> </tr> <tr> <td>7. Master's or equivalent level</td> <td></td> <td></td> </tr> <tr> <td>8. Doctoral or equivalent level</td> <td></td> <td></td> </tr> </tbody> </table>		ISCED levels 2011	(a)	(b)	<i>Yes</i>	<i>Yes</i>	0. Early childhood education	<input type="checkbox"/>	<input type="checkbox"/>	1. Primary education	<input type="checkbox"/>	<input type="checkbox"/>	2. Lower secondary education	<input type="checkbox"/>	<input type="checkbox"/>	25. Lower secondary vocational education			3. Upper secondary education	<input type="checkbox"/>	<input type="checkbox"/>	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		
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<sup>5</sup> See <http://uis.unesco.org/en/topic/international-standard-classification-education-isced>.

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 1.2.4	Is public awareness in relation to ESD addressed in relevant national document(s)?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 1.2.5	Does a formal structure for interdepartmental <sup>6</sup> cooperation relevant to ESD exist in your Government?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your Government? <sup>7</sup>
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
<b>Indicator 1.3 National policies support synergies between processes related to the Sustainable Development Goals (SDGs), sustainable development (SD) and ESD</b>	
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 1.3.2	Is ESD part of SD policy(ies) if these exist in your country?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
<i>Concluding remarks on issue 1</i>	<i>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</i>

<sup>6</sup> Between State bodies.

<sup>7</sup> For an explanation, see paragraph 46 of the UNECE Strategy for ESD.

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
	<p>Please address in particular the following questions:</p> <ul style="list-style-type: none"> <li>– Which actions and/or initiatives have been particularly successful and why?</li> <li>– What challenges did your country encounter when implementing this objective?</li> <li>– What other considerations have to be taken into account in future ESD implementation concerning this objective?</li> </ul>
<b>Issue 2. Promote SD through formal, non-formal and informal learning</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 2.1 SD key themes are addressed in formal education</b>	
Sub-indicator 2.1.1	Are key themes of SD <sup>8</sup> addressed explicitly in the curriculum/programme of study at various levels <sup>9</sup> of formal education?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>Curricula for different subjects include knowledge, skills and attitudes as expected learning outcomes in different areas of competence.</p> <p>Examples:</p> <p>Primary education stage of basic education level</p> <ul style="list-style-type: none"> <li>• Students indicate activities for the protection of purity of water and air. (Man and Nature, 3rd grade)</li> <li>• Students provide examples of conservation of species diversity of organisms and their habitat. (Man and Nature, 3rd grade)</li> </ul> <p>Lower secondary education stage of basic education level</p> <ul style="list-style-type: none"> <li>• Students predict outcomes of human impact on nature (Man and Nature, 6th grade).</li> <li>• Students comment on the role of human activity for environmental pollution, as well as on the responsibility of people for its protection and conservation (Man and Nature, 6th grade).</li> <li>• Students understand the environmental importance of saving electrical and thermal energy at home (Technology and Entrepreneurship, 6th grade).</li> </ul>

<sup>8</sup> For details, see paragraph 15 of the UNECE Strategy for ESD.

<sup>9</sup> For the State or federal level, where relevant.

**Issue<sup>1</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).*

- Students know and apply ways to save energy. (Technology and Entrepreneurship, 6th grade)

First stage of upper secondary education

- Students evaluate and discuss the importance of food and air composition and of diet for the normal functioning of the body. (Biology and Health Education, 8th grade)
- Students explore and present possible ways to reduce emissions of sulfur and nitrogen oxides in the atmosphere (Chemistry and Environmental Protection, 8th grade)
- Students explain the need for recycling of metals to protect the environment (Chemistry and Environmental Protection, 8th grade)
- Students design eco-friendly products and point out respective technologies. (Technology & Entrepreneurship, 8th grade)
- Students know different strategies for dealing with conflicts. (Philosophy, 8th grade).
- Students distinguish a natural condition, a natural resource and the types of natural resources (exhaustible, inexhaustible, renewable and non-renewable). (Geography and Economics, 8th grade)
- Students value natural resources (energy, mineral, raw materials, climate, water, land, biological) on Earth. (Geography and Economics, 8th grade)

*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.*

*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.*

A	B	C	D	E	F
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sub-indicator 2.1.2 Are learning outcomes (skills, attitudes and values) that support ESD addressed explicitly in the curriculum<sup>10</sup>/programme of study at various levels of formal education?

<sup>10</sup> Idem.

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>Acquiring competences for implementing sustainable development principles is one of the main objectives of pre-school and school education set out in the Pre-school and School Education Act of 2015. In addition to the eight key competences set out in the European Reference Framework, general secondary education includes a ninth one - skills to support sustainable development and skills for a healthy lifestyle and sport. General education is achieved through the study of general education subjects.</p> <p>In Regulation No. 5 of 30.11.2015 on general education, the support of the principles of sustainable development, including ecological, economic and social dimensions and aimed at defining a long-term vision for society, is defined as being implemented through the teaching of different subjects and aims at building the ability to take personal responsibility for a sustainable future.</p> <p>Examples:</p> <p>Primary education stage of basic education level</p> <ul style="list-style-type: none"> <li>• Students indicate the link between the peculiarities of natural environment and the labor activities of people.</li> <li>• Students provide examples of the effects of interactions between humans and the environment.</li> <li>• Students provide examples of changes in the environment and lifestyle of people that have occurred as a result of some technical innovations.</li> <li>• Students understand the role of language, religion and traditions for the preservation and development of the Bulgarian people.</li> <li>• Students find out common features in the holidays of different ethnic groups in Bulgaria.</li> <li>• Students name actions of man leading to disturbance of the balance in nature and name measures for the preservation of nature.</li> </ul> <p>Lower secondary education stage of basic education level</p> <ul style="list-style-type: none"> <li>• Students provide examples of sustainability and lifestyle changes during different historical eras.</li> <li>• Students describe the effects of certain substances on the environment and human health.</li> <li>• Students describe and illustrate examples of biodiversity and protected natural sites in Bulgaria.</li> <li>• Students predict outcomes of human impacts on nature.</li> </ul> <p>First stage of upper secondary education</p> <ul style="list-style-type: none"> <li>• Students evaluate opportunities to use natural resources wisely and to solve environmental problems.</li> <li>• Students assess the impact of certain substances on life processes, human health and the environment.</li> </ul>

**Issue<sup>1</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).*

- Students explain the social and economic implications of discoveries in science and technology.
- Students define the idea of sustainable development and explain global issues.

In the Annexes to Regulation No 13 of 2016 on civil, health, environmental and intercultural education, knowledge, skills and attitudes are described as expected learning outcomes in different areas of competence: energy and climate, biodiversity, consumption and waste, society and the environment, globalization, pluralism and tolerance, social policy, justice and solidarity, human rights, democratic society.

*Please specify what competences as learning outcomes are important in your country.*

*Please update the table in appendix I (b) that was used for implementation 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.*

A	B	C	D	E	F
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>																														
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>																														
Sub-indicator 2.1.3	Are teaching and learning methods that support ESD addressed explicitly in the curriculum <sup>11</sup> or programme of study at various levels of formal education?																													
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p><i>Please specify which methods are of particular significance in your country. Please also specify for non-formal education, as appropriate.</i></p> <p>According to the Preschool and School Education Act teachers have the right to choose the methods they use.</p> <p><i>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.</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	A	B	C	D	E	F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																	
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																									
<b>Indicator 2.2 Strategies to implement ESD are clearly identified</b>																														
Sub-indicator 2.2.1	Is ESD addressed through: (a) existing subjects <sup>12</sup> only?; (b) a cross-curriculum approach?; (c) the provision of specific subject programmes and courses?; (d) a stand-alone project <sup>13</sup> ; (e) other approaches?																													
(a) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (b) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (c) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (d) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (e) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p><i>Please specify for different levels of education system in accordance with ISCED by ticking (✓) in the table as appropriate.</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">ISCED levels 2011</th> <th>(a)</th> <th>(b)</th> <th>(c)</th> <th>(d)</th> <th>(e)</th> </tr> <tr> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> </tr> </thead> <tbody> <tr> <td>0. Early childhood education</td> <td style="text-align: center;">x</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">x</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>1. Primary education</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">x</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>2. Lower secondary education</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">x</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	ISCED levels 2011	(a)	(b)	(c)	(d)	(e)	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	0. Early childhood education	x	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>	1. Primary education	<input type="checkbox"/>	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>	2. Lower secondary education	<input type="checkbox"/>	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>
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<sup>11</sup> Idem. x

<sup>12</sup> E.g., geography or biology. For higher education, “subject” means “course”.

<sup>13</sup> A project is interpreted as a discrete activity with its own time allocation rather than a teaching or learning method.



**Issue<sup>1</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).*

	25. Lower secondary vocational education					
	3. Upper secondary education	<input type="checkbox"/>	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>
	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					

*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<sup>14</sup> to SD/ESD is promoted**

Sub-indicator 2.3.1	Do educational institutions <sup>15</sup> adopt a “whole-institution approach” to SD/ESD?
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>The Steering Committee has adopted as one priority action area that every school adopts an ESD school plan by 2019.<sup>16</sup> 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.</i>

<sup>14</sup> A “whole institution approach” means that all aspects of an institution’s internal operations and external relationships are reviewed and revised in the light of SD/ESD principles. Within such an approach each institution would decide on its own actions, addressing the three overlapping spheres of Campus (management operations); Curriculum; and Community (external relationships).

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

<sup>16</sup> See paragraph 20 of the framework for the future implementation of the UNECE Strategy for Education for Sustainable Development.

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>																													
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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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p><i>If yes, please specify what schemes are available for all levels of your education system.</i></p> <p><i>Please also provide information on all education levels in accordance with ISCED by ticking (✓) in the table as appropriate.</i></p> <table border="1"> <thead> <tr> <th><b>ISCED levels 2011</b></th> <th><i>Yes</i></th> </tr> </thead> <tbody> <tr><td>0. Early childhood education</td><td></td></tr> </tbody> </table>	<b>ISCED levels 2011</b>	<i>Yes</i>	0. Early childhood education																									
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**Issue<sup>1</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).*

	1. Primary education	
	2. Lower secondary education	
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*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.*

*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	

<b>Issue<sup>1</sup> 1. Ensure that policy, regulatory and operational frameworks support the promotion of ESD</b>																																									
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**Issue<sup>1</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).*

	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	

<b>Indicator 2.4 ESD is addressed by quality assessment/enhancement systems</b>	
Sub-indicator 2.4.1	(a) Are there any education quality assessment/enhancement systems?: <sup>17</sup> (b) Do they address ESD?; (c) Are there any education quality assessment/enhancement systems that address ESD in national systems?

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<sup>17</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).

(a) Yes  No

(b) Yes  No

(c) Yes  No

*Please elaborate.*

The achieved quality of education is measured through national external assessments at the end of 4th and 7th grade and through state matriculation examinations at the end of 12th grade. Measurement of achievement, which begins at the end of primary education, helps to identify where schools fail to meet their engagement with pupils and to formulate appropriate corrective measures. At the end of lower secondary education, young people must be able to master knowledge and skills on a particular topic and have personal and social skills. The national external assessment results take into account the achievement of the state educational requirements for learning content and the level of skills acquired in the training process, which will build on the next stage. Ideas for sustainable development education are embedded in subjects' curricula and seek to: disclose the interactions between economic, social and environmental processes and phenomena; ensuring critical attitude and greater awareness of economic, social and environmental issues in their unity; promoting respect and understanding of different cultures and accepting their contributions; helping to form a civil society.

In order to improve the quality of education, Regulation of Quality Management in Institutions, which is currently in the process of being amended and supplemented, was adopted in 2016. The formation of National Inspectorate of Education, whose function will be to measure the degree of achievement of quality of education attained by the respective kindergarten or school, is forthcoming.

*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)	(b)	(c)
	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
0. Early childhood education	x	x	x
1. Primary education	✓	✓	✓
2. Lower secondary education	✓	✓	✓
25. Lower secondary vocational education			
3. Upper secondary education	✓	✓	✓
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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 <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/> (c) Yes <input type="checkbox"/> No <input type="checkbox"/> (d) Yes <input type="checkbox"/> No <input type="checkbox"/> (e) Yes <input type="checkbox"/> No <input type="checkbox"/> (f) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p><i>Please elaborate.</i></p> <p><i>Also, please specify for various levels of your education system in accordance with ISCED, by ticking (✓) in the table as appropriate.</i></p> <table border="1" data-bbox="781 429 1839 1243"> <thead> <tr> <th rowspan="2">ISCED levels 2011</th> <th>(a)</th> <th>(b)</th> <th>(c)</th> <th>(d)</th> <th>(e)</th> <th>(f)</th> </tr> <tr> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> <th><i>Yes</i></th> </tr> </thead> <tbody> <tr> <td>0. Early childhood education</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>1. Primary education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2. Lower secondary education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>25. Lower secondary vocational education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3. Upper secondary education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>35. Upper secondary vocational education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4. Post-secondary non-tertiary education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>45. Post-secondary non-tertiary vocational education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5. Short-cycle tertiary education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>55. Short-cycle tertiary vocational education</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6. Bachelor's or equivalent level</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7. Master's or equivalent level</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8. Doctoral or equivalent level</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><i>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).</i></p>	ISCED levels 2011	(a)	(b)	(c)	(d)	(e)	(f)	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	0. Early childhood education	x	x	x	x	x	x	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						
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<b>Indicator 2.5 ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice</b>	
Sub-indicator 2.5.1	Are SD issues addressed in informal and public awareness-raising activities?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and provide information on new developments and good practice examples.</i>
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and provide information on new developments and good practice examples.</i>
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>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.</i>
<b>Indicator 2.6 ESD implementation is a multi-stakeholder process<sup>18</sup></b>	
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify the main stakeholders and the main impacts that those stakeholders had/have on implementation. Please update the information provided in the previous table for appendix II as appropriate.</i>
Concluding remarks on issue 2	<i>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.</i>
	<p><i>Please address in particular the following questions:</i></p> <ul style="list-style-type: none"> <li>— <i>Which actions and/or initiatives have been particularly successful and why?</i></li> <li>— <i>What challenges did your country encounter when implementing this objective?</i></li> <li>— <i>What other considerations have to be taken into account in future ESD implementation concerning this objective?</i></li> </ul>

<sup>18</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-cooperation).

<b>Issue 3. Equip educators with the competence to include SD in their teaching</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 3.1 ESD is included in the training<sup>19</sup> of educators</b>	
Sub-indicator 3.1.1	Is ESD a part of educators' initial training? <sup>20</sup>
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>In particular specify which ESD competences<sup>21</sup> are explicitly included in the study programmes.</i>  Inclusive education, cope with diversity The revised study programs include more practical training for the novice teachers
Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training? <sup>22</sup>
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>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.</i>  The in-service training is mandatory for teachers, school leaders and other pedagogical staff and includes 16 academical hours per year. In addition pedagogical staff have to participate in training programs and achieve 48 qualification credit points during the 4-year assessment period. The topics have to meet the professional needs and lead to improvement of students' educational results. The continuous pedagogical development is dedicated to increasing the ESD competences such as: how to contribute to the social and natural environment, the implementation of the school institution approach, inspiration of creativity and innovation.  <i>Please also update the information provided under the phase III national implementation reporting in appendix III.</i>

<sup>19</sup> ESD is addressed by content and/or by methodology.

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

<sup>21</sup> 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.unecce.org/education-for-sustainable-development-esd/publications.html>.

<sup>22</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.

Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>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.</i>  The training programs for school leaders on ESD are optional. School leaders have access to annual training programs, provided by the Ministry of Education and Science, which are linked to: transforming the education system, deal with diversity, strategical thinking and leadership.
<b>Indicator 3.2 Opportunities exist for educators to cooperate on ESD</b>	
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify.</i>
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the Government in any way? <sup>23</sup>
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify how, listing the major ones, and describing them as appropriate.</i>
Concluding remarks issue 3	<i>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.</i>
	<i>Please address in particular the following questions:</i> <ul style="list-style-type: none"> <li>– Which actions and/or initiatives have been particularly successful and why?</li> <li>– What challenges did your country encounter when implementing this objective?</li> <li>– What other considerations have to be taken into account in future ESD implementation concerning this objective?</li> </ul>
<b>Issue 4. Ensure that adequate tools and materials for ESD are accessible</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 4.1 Teaching tools and materials for ESD are produced</b>	
Sub-indicator 4.1.1	Does a national strategy/mechanism for encouragement of the development and production of ESD tools and materials exist?

<sup>23</sup> Including assistance through direct funding, in-kind help, political and institutional support.

Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please describe.</i>
Sub-indicator 4.1.2	Is public (national, subnational, local) authority money invested in this activity?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>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.</i>
<b>Indicator 4.2      Quality control mechanisms for teaching tools and materials for ESD exist</b>	
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> (b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (c) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>Please specify.</i>
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> (b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p><i>Please specify. If the answer is yes for (b), please specify by ticking (✓) in the table as appropriate.</i></p> <table border="1" data-bbox="1088 220 1783 954"> <thead> <tr> <th data-bbox="1088 220 1711 268">ISCED levels 2011</th> <th data-bbox="1711 220 1783 268">Yes</th> </tr> </thead> <tbody> <tr><td data-bbox="1088 268 1711 323">0. Early childhood education</td><td data-bbox="1711 268 1783 323"></td></tr> <tr><td data-bbox="1088 323 1711 379">1. Primary education</td><td data-bbox="1711 323 1783 379"></td></tr> <tr><td data-bbox="1088 379 1711 435">2. Lower secondary education</td><td data-bbox="1711 379 1783 435"></td></tr> <tr><td data-bbox="1088 435 1711 491">25. Lower secondary vocational education</td><td data-bbox="1711 435 1783 491"></td></tr> <tr><td data-bbox="1088 491 1711 547">3. Upper secondary education</td><td data-bbox="1711 491 1783 547"></td></tr> <tr><td data-bbox="1088 547 1711 603">35. Upper secondary vocational education</td><td data-bbox="1711 547 1783 603"></td></tr> <tr><td data-bbox="1088 603 1711 659">4. Post secondary non-tertiary education</td><td data-bbox="1711 603 1783 659"></td></tr> <tr><td data-bbox="1088 659 1711 715">45. Post-secondary non-tertiary vocational education</td><td data-bbox="1711 659 1783 715"></td></tr> <tr><td data-bbox="1088 715 1711 770">5. Short-cycle tertiary education</td><td data-bbox="1711 715 1783 770"></td></tr> <tr><td data-bbox="1088 770 1711 826">55. Short-cycle tertiary vocational education</td><td data-bbox="1711 770 1783 826"></td></tr> <tr><td data-bbox="1088 826 1711 882">6. Bachelor's or equivalent level</td><td data-bbox="1711 826 1783 882"></td></tr> <tr><td data-bbox="1088 882 1711 938">7. Master's or equivalent level</td><td data-bbox="1711 882 1783 938"></td></tr> <tr><td data-bbox="1088 938 1711 994">8. Doctoral or equivalent level</td><td data-bbox="1711 938 1783 994"></td></tr> </tbody> </table>	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	
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6. Bachelor's or equivalent level																													
7. Master's or equivalent level																													
8. Doctoral or equivalent level																													
<b>Indicator 4.3 Teaching tools and materials for ESD are accessible</b>																													
Sub-indicator 4.3.1	Does a national strategy/mechanism for dissemination of ESD tools and materials exist?																												
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please describe and in particular highlight which measures are the most efficient for dissemination.</i>																												
Sub-indicator 4.3.2	Is public authority money invested in this activity?																												
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify to what extent by providing an indication of the amount in USD, and please also mention any other significant sources of funding.</i>																												

Sub-indicator 4.3.3	Are approved ESD teaching materials available through the Internet?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please describe and name in particular official Internet sites.</i>
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 <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>For (a) and (b) please specify and mention by whom it was established and by whom it is managed.</i>
Concluding remarks issue 4	<i>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.</i>
	<i>Please address in particular the following questions:</i> <ul style="list-style-type: none"> <li>– Which actions and/or initiatives have been particularly successful and why?</li> <li>– What challenges did your country encounter when implementing this objective?</li> <li>– What other considerations have to be taken into account in future ESD implementation concerning this objective?</li> </ul>
<b>Issue 5. Promote research on and development of ESD</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 5.1 Research<sup>24</sup> on ESD is promoted</b>	
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD <sup>25</sup> supported?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify in particular the most important outcomes of supported research.</i>
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify which subjects were investigated and list major reports.</i>

<sup>24</sup> These include support from various sources, such as State, local authorities, business and non-governmental organizations or institutions.

<sup>25</sup> E.g., concepts; formation of attitudes and values; development of competencies, teaching and learning; school development; implementation of information communications technology; and means of evaluation, including socioeconomic impacts.

Sub-indicator 5.1.3	Are post-graduate programmes available: (1) On ESD: <sup>26</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 <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/> (2) (a) Yes <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify what programmes are available and list the most important academic dissertations that address ESD.</i>
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 <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please provide information on (a) and (b).</i>
<b>Indicator 5.2 Development of ESD is promoted</b>	
Sub-indicator 5.2.1	Is there any support for innovation and capacity-building in ESD practice? <sup>27</sup>
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify what main projects were/are being implemented to that end.</i>
<b>Indicator 5.3 Dissemination of research results on ESD is promoted</b>	
Sub-indicator 5.3.1	Is there any public authority support for mechanisms <sup>28</sup> to share the results of research and examples of good practices in ESD <sup>29</sup> among authorities and stakeholders?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and provide information about where published research and dissertations are accessible.</i>

<sup>26</sup> ESD is addressed by substance and/or by approach.

<sup>27</sup> Activities may include projects, action research, social learning and multi-stakeholder teams.

<sup>28</sup> E.g., conferences, summer schools, journals, periodicals, networks.

<sup>29</sup> 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 <input type="checkbox"/> No <input type="checkbox"/> (b) Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please name the major publications for (a) and (b).</i>
Concluding remarks on issue 5	<i>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.</i>
	<ul style="list-style-type: none"> <li>– <i>Which actions and/or initiatives have been particularly successful and why?</i></li> <li>– <i>What challenges did your country encounter when implementing this objective?</i></li> <li>– <i>What other considerations have to be taken into account in future ESD implementation concerning this objective?</i></li> </ul>
<b>Issue 6. Strengthen cooperation on ESD at all levels within the ECE region</b>	
<i>If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).</i>	
<b>Indicator 6.1 International cooperation on ESD is strengthened within the ECE region and beyond</b>	
Sub-indicator 6.1.1	Do your public authorities cooperate in or support international <sup>30</sup> networks on ESD?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify concrete networks and explain who supports these networks.</i>
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 <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify. List major networks.</i>
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms or agreements that include an explicit ESD component?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please specify and list the major ones.</i>
Sub-indicator 6.1.4	Does your Government take any steps to promote ESD in international forums outside the ECE region?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<i>Please list and describe.</i>

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



<i>Concluding remarks on issue 6</i>	<i>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</i>
	<i>Please address in particular the following questions:</i> <ul style="list-style-type: none"> <li>- <i>Which actions and/or initiatives have been particularly successful and why?</i></li> <li>- <i>What challenges did your country encounter when implementing this objective?</i></li> <li>- <i>What other considerations have to be taken into account in future ESD implementation concerning this objective?</i></li> </ul>
<b>Issue 7. Foster conservation, use and promotion of knowledge of indigenous peoples, as well as local and traditional knowledge, in ESD</b>	
<i>Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.</i>	
<i>What role does this issue play in ESD implementation in your country? Please provide updated information to indicate changes over time.</i>	
<b>Issue 8. Describe any challenges and obstacles encountered in the implementation of the Strategy</b>	
<i>Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.</i>	
<i>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).</i>	
<b>Issue 9. Describe any assistance needed in implementing the Strategy in your countries</b>	
<i>Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.</i>	

## 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)			V		V								
Environmental ethics and philosophy		V	V		V								
Global citizenship, democracy and governance	✓	V	V		V								
Sustainable lifestyles	✓	V	V		V								
Human rights (e.g., gender and racial and intergenerational equity)	✓	V	V		V								
Poverty alleviation		V	V		V								
Cultural diversity	✓	V	V		V								
Gender equality	✓	✓	✓		✓								
Biological and landscape diversity		V	V		V								
Environmental protection (waste management, environmental monitoring, risk assessment, etc.)	✓	V	V		V								
Ecological principles/ecosystem approach	✓	V	V		V								
Natural resource management (e.g., water, soil, mineral, fossil fuels)	✓	V	V		V								
Climate change and desertification		V	V		V								

Some key themes covered by sustainable development	ISCED Levels 2011												
	0	1	2	25	3	35	4	45	5	55	6	7	8
Personal and family health (e.g., HIV/AIDS, drug abuse)	✓	V	V		V								
Environmental health (e.g., food and drinking; water quality; pollution)	✓	V	V		V								
Corporate social responsibility													
Production and/or consumption patterns			V		V								
Economic growth and good jobs			V		V								
Rural/urban development		V	V		V								
Oceans and sea		V	V		V								
Renewable energy		V	V		V								
Sustainable cities and communities		V	V		V								
Culture's contribution to sustainable development		V	V		V								
<b>Total</b>													
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

## Appendix I (b)

### Indicator 2.1, sub-indicator 2.1.2

Please specify the extent to which the following broad areas of competence that support ESD are addressed explicitly in the curriculum<sup>31</sup> 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
<b>Learning to learn</b> Does education at each level enhance learners' capacity for:	- posing analytical questions/critical thinking?	✓	V	V		V								
	- understanding complexity/systemic thinking?					V								
	- overcoming obstacles/problem-solving?	✓	V	V		V								
	- managing change/problem-setting?			V		V								
	- creative thinking/future-oriented thinking?	✓	V	V		V								
	- understanding interrelationships across disciplines/holistic approach?	✓	V	V		V								
	<b>Total</b>													
- other? (countries to add as many as needed)														
<b>Learning to do</b> Does education at each level enhance learners' capacity for:	- applying learning in a variety of life-wide contexts?	V	V	V		V								
	- decision-making, including in situations of uncertainty?	✓		V		V								
	- dealing with crises and risks?	✓	✓	V		V								
	- acting responsibly?	✓	V	V		V								
	- acting with self-respect?	✓	V	V		V								
	- acting with determination?	✓	V	V		V								
	<b>Total</b>													

<sup>31</sup> 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	
<b>Learning to be</b> Does education at each level enhance learners' capacity for:	- self-confidence?	✓	V	V		V									
	- self-expression and communication?	✓	V	V		V									
	- coping under stress?		V	V		V									
	- ability to identify and clarify values?	✓	V	V		V									
	<b>Total</b>														
	- other? (countries to add as many as needed)														
<b>Learning to live and work together</b> Does education at each level enhance learners' capacity for:	- acting with responsibility (locally and globally)?	✓	V	V		V									
	- acting with respect for others?	✓	V	V		V									
	- identifying stakeholders and their interests?		V	V		V									
	- collaboration/team working?	✓	V	V		V									
	- participation in democratic decision-making?	✓	V	V		V									
	- negotiation and consensus-building?		V	V		V									
	- distributing responsibilities (subsidiarity)?			V		V									
	<b>Total</b>														
	- 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

## 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 <sup>a</sup>	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	✓	✓	✓		✓								
<b>Total</b>													
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.

<sup>a</sup> 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

## 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		
	<i>Formal</i>	<i>Non-formal</i>	<i>Informal</i>
NGOs			
Local government			
Organized labour			
Private sector			
Community-based			
Faith-based			
Media			
<b>Total</b>			
Other <i>(countries to add as many as needed)</i>			

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

Table (b)  
According to United Nations Decade of ESD

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

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 <sup>a</sup> to integrate ESD into their practice																	
	<i>Educators</i>												<i>Leaders/administrators<sup>b</sup></i>					
	<i>Initial<sup>c</sup></i>						<i>In service<sup>d</sup></i>						<i>In service<sup>e</sup></i>					
	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 <sup>a</sup> to integrate ESD into their practice																	
	<i>Educators</i>												<i>Leaders/administrators<sup>b</sup></i>					
	<i>Initial<sup>c</sup></i>						<i>In service<sup>d</sup></i>						<i>In service<sup>e</sup></i>					
	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																		
Non-formal																		
Informal																		

<sup>a</sup> Training is understood to include at least one day (a minimum of five contact hours).

<sup>b</sup> See paras. 54 and 55 of the UNECE Strategy for ESD.

<sup>c</sup> Please indicate the number of educators who have received initial training on ESD as a percentage of the total number of educators by the reporting date.

<sup>d</sup> Please indicate the number of educators who have received training on ESD as a percentage of the total number of educators who received in-service teacher training by the reporting date.

<sup>e</sup> Please indicate the number of leaders/administrators who have received training on ESD as a percentage of total number of leaders/administrators who received in-service teacher training by the reporting date.

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

Percentage of educated trainers	0–5	6–10	11–25	26–50	51–75	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.

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

## 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 October 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.

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<i>National preparation process</i>	<i>Time required</i>	<i>Tentative timing</i>
First draft of the report	1 month	June 2018
Multi-stakeholder consultation on the draft	1–2 months	July-August 2018
Final report preparation (including translation, where required)	1 month	September 2018
Deadline for submission of national implementation reports to ECE		1 October 2018

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