

INFORMAL COUNTRY REPORT (Ukraine)

Questionnaire for 2014 informal country reporting on the implementation of the priority action areas

I. Priority action area (a) to promote the introduction of ESD into teacher education: Advances made and challenges encountered since the eighth Steering Committee meeting in March 2013

1. Has there been any significant advancement made with regard introducing/ extending ESD as a part of educators' initial training?

Yes No

- Please specify

In compliance with the Standards of Higher Education of Ukraine on environmental specialties in training of masters (masters have the right to teach in secondary schools) there are compulsory subjects "Strategy for Sustainable Development", "Environmental Policy", "Environmental Standardization and Certification", "Environmental Management and Auditing".

Prior to that Masters of ecological specialties during bachelor or specialist degree course in accordance with the Standards of Higher Education of Ukraine necessarily study a number of professionally oriented disciplines, socio-economic and natural-scientific training, which form the knowledge and skills for sustainable development.

- Please indicate if you wish to make a presentation on this topic/if there is an outstanding initiative in your country on this topic

2. Have there been any significant advances made with regard to introducing/ extending ESD as a part of educators' in-service training?

Yes No

- Please specify

In Ukraine, local (regional, district) education department provide annual (2-3 times a year) round tables, seminars and trainings in the field of education for sustainable development for teacher training on-the-job.

From 2013, together with the State Ecological Academy of Postgraduate Education and Management of Ministry of Ecology and Natural Resources and Reserve Management Department of Ministry of Ecology and Natural Resources of Ukraine and international technical assistance projects (for UNDP support) for school teachers, university professors, employees of natural protected areas, workshops were held on the topic of biodiversity and nature interpretation. Carrying out of these workshops will be continued in 2014 and in subsequent years.

In the Interdisciplinary Coordination Centre of Education for Sustainable Development at the State Ecological Academy of Postgraduate Education and Management a program is designed for teachers who undergo refresher courses at the Institute of

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retraining and advanced training of teachers of the National Pedagogical University named after Drahomanov (Kiev).

Training under this program is scheduled to begin in the second half of 2014 from the new academic year 2014/2015.

- Please indicate if you wish to make a presentation on this topic/if there is an outstanding initiative in your country on this topic*

3. Are there any recently produced materials/resources that are accessible to a wider audience (e.g., online)?

Yes No

- Please specify and, if applicable, indicate the language and website address*

Among the materials can be identified modules on biodiversity conservation, "Green Pack" OSCE and materials for extracurricular environmental work on environmental education, holding "Schools in Nature" and training workshops on biodiversity conservation (www.conservation.in.ua), Ecological Game "Green Manager" for GEF SGP support, other methodological and information materials are prepared with the support of international technical assistance projects. Major projects donors are UNDP, Sweden, GEF and OSCE.

Sites in Ukrainian and Russian languages on Environmental Education for Sustainable Development:

Site «Освіта в інтересах сталого розвитку в Україні» ("Education for Sustainable Development in Ukraine")	http://www.ecoosvita.org.ua/
Site "Освіта для сталого розвитку в дії" ("Education for Sustainable Development in Action")	http://esd.org.ua/node/486
Національний екологічний центр України, розділ "Публікації", "Книги та буклети" (National Ecological Centre of Ukraine, section "Publications", "Books and Booklets")	http://necu.org.ua/category/publish/ http://necu.org.ua/?cat=87&theme=biodiv
Site "Природа України", розділ "Кроки екологічної грамотності" ("Nature of Ukraine", section "Steps of Ecological Literacy")	http://pryroda.in.ua/blog/theme/kroki-ekologichno%gramotnosti/ http://pryroda.in.ua/dop-kyiv/
Site Співка вільних журналістів «Природа»	http://nature-first.info/

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над усе» (Union of Free Journalists "Nature Principally")	
Site «Моніторинг біорізноманіття в Україні» ("Biodiversity monitoring in Ukraine")	http://biomon.org/projects/
Site "Київський еколого-культурний центр", видання ("Kyiv Ecological and Cultural Center" publications)	http://ecoethics.ru/books/
Site ВГО "Мама-86", публікації (NGO "МАМА-86", publications)	http://www.mama-86.org.ua/archive/main/publications_u.htm http://mama-86.org.ua/index.php/uk/chemsec/chemsec-publications.html http://mama-86.org.ua/index.php/uk/watersan/watersan-publications.html http://mama-86.org.ua/index.php/uk/ecologization/eointegration-publications.html
ProEco. Український екологічний сервер, розділ "Наукові публікації" (Ukrainian Ecological Server, section "Publications")	http://proeco.visti.net/analitic.html
Site Промислова екологія. Бібліотека (Industrial Ecology. Library)	http://www.eco.com.ua/lib
Site Государственное управление экологической безопасности в Донецкой области, раздел «Публикации» (State management of environmental safety in the Donetsk region, section "Publications")	http://www.ecology.donbass.com/Publications/Content/content.htm
Site Центр устойчивого развития «Роза ветров», зокрема розділ «Библиотека» (Centre for Sustainable Development "Windrose" section "Library")	http://sustainable-cities-net.org.ua/text.php?id=8

II. Priority action area (b) to ensure that there is an ESD school plan in every school by 2015: Advances made and challenges encountered since the eighth Steering Committee meeting in March 2013

1. Has the number of schools adopting a "whole-institution approach" to sustainable development (SD)/ESD increased?

Yes No

• Please specify

Today the number of schools that are on their own initiative took a “whole-institutional approach” to education for sustainable development, has increased significantly. In some areas at the level of local authorities and regional departments of education adopted a number of policy documents on the implementation of education for sustainable development, strengthening of environmental education and implementation plans.

In 2013, with the support of Ministry of Ecology and Natural Resources of Ukraine and Ministry of Education and Science of Ukraine State Ecological Academy of Postgraduate Education and management together with environmental education laboratory of National Academy of Pedagogical Sciences of Ukraine, environmental section of the Small Academy of Sciences of Ukraine implemented a national pilot initiative “Green Classroom”.

The main task of the initiative is compilation of international and domestic experience in implementation of a “whole-institutional approach” to education for sustainable development and the development of proposals for the Ministry of Education and Science of Ukraine for its compulsive introduction in school curricula of all schools of Ukraine.

Short-term goal of the initiative is the development and implementation of education for sustainable development in schools, the formation of an eco-friendly attitude of pupils to the environment. Long-term goal is to educate environmentally educated and responsible citizens of Ukraine, who in their professional activity and everyday life will facilitate the introduction of environmentally friendly, resource- and energy-saving technologies, and dissemination of the initiative to all schools and higher educational establishments of Ukraine.

It is assumed to involve a large number of schools in the processes of education for sustainable development through their involvement in the work of the Partner Network Education for Sustainable Development, which began to be formed in late 2013. Different target groups: public authorities, postgraduate institutes, higher educational institutions, schools, community organizations and all stakeholders can join up to the Partner Network. Contact information for the exchange of information and experiences is available on the first in Ukraine website on Education for Sustainable Development - <http://www.ecoosvita.org.ua>, which continues to be filled with appropriate materials and will be constantly updated.

- *Please indicate if you wish to make a presentation on this topic/if there is an outstanding initiative in your country on this topic*

Alexander Bondar, Rector of the State Ecological Academy of Postgraduate Education and Management, Professor, Doctor of

Biological Sciences, ESD Focal Point in Ukraine will prepare a special presentation on this topic.

2. Have any (additional) incentives and assistance measures (guidelines, award scheme, funding, training, technical support) been made available that support ESD school plans?

Yes No

• *Please specify*

One of the assistance measures is the help international technical assistance projects. Among the largest projects that are currently operating in Ukraine on sustainable development can be distinguished Swedish Government project "Education for Sustainable Development in Action", UNDP projects on the development of nature conservation projects, projects of Small Grants Programme of the Global Environment Facility (GEF SGP), including project «Education for sustainable development: implementation of the national strategies on local level», the OSCE guide for environmental education "Green Pack".

Among other assistance measures it would like to highlight:

1. Creation in 2013 with the support of the Ministry of Ecology and Natural Resources and the Ministry of Education and Science of Ukraine series of teaching materials "Library For Teachers" which will be published in the first half of 2014:

1.1. methodological manual "Education for Sustainable Development in the questions and answers";

1.2. "Collection of environmental programs. Issue 1". Collection has already recommended by the Ministry of Education and Science of Ukraine for use in Ukrainian schools.

2. Establishment in late 2013 the first Ukrainian specialized website on sustainable development <http://www.ecoosvita.org.ua/>, Initiative of the Project of Small Grants Programme of the Global Environment Facility.

3. Establishment in late 2013 Partner Network for Sustainable Development, which includes the different target groups: public authorities, institutions of postgraduate education, universities, schools, public organizations. Main tasks of the Partner Network for Sustainable Development are: development of the platform for combining the efforts of different stakeholder, implementation of international and national experience at the national and local levels, exchange of experience, information, materials, wide access to the already collected and existing materials. Partner Network for Sustainable Development is an initiative of the Small Grants Programme of the Global Environment Facility.

4. Adoption of the standard "Green Class" that will give further opportunity to conduct an annual certification of Ukrainian competition "green classes" throughout Ukraine. The initiative is a national one it was developed by the State Ecological Academy of Postgraduate Education and Management in conjunction with

the Laboratory of Ecological Education of the National Academy of Pedagogical Sciences of Ukraine, with the participation of the public.

5. The International Forum «Довкілля 2014» ("Environment 2014") (April 2014), the organization as part of the Forum dedicated exhibition stand, seminars and roundtable on education for sustainable development. It is carried annually at the initiative of the Ministry of Ecology and Natural Resources.

6. Carrying out Ukrainian Congress of Young Environmentalists. The next Congress is scheduled on May 2014. It is initiated by the Ministry of Ecology and Natural Resources.

7. Holding of All-Ukrainian children's environmental forum «Дети за окружающую среду: будущее выбираем Мы!» ("Children for the environment: We choose the future!") (Sarny-city, Ukraine, 9-10 October 2013). The resolution sets out the obligations of the Forum for the development of environmental education, including the need to form environmental education strategy and action plan for its implementation, creation of training programs, exchange of best practices, training of different target groups, development of opportunities of Partner Network. Initiative of GEF SGP, Non-Governmental Organization Network of the Global Environment Facility in Ukraine.

8. Development and approbation (October 2013-January 2014) Environmental game «Зеленый менеджер» ("Green Manager") and awarding special certificate to game participants. Initiative of GEF Small Grants Program.

9. Providing pilot schools with specialized equipment (multimedia boards, computers, projectors, internet tools of communication), resource materials for sustainable development, sets of disks with environmental films for «Зеленого кинотеатра» ("Green Theatre") in the framework of the "Green Classroom". National Initiative of the Ministry of Ecology and Natural Resources, and State Ecological Academy of Postgraduate Education and Management under the Ministry of Environment coordinates it.

10. Spreading experience of "Green Theater", maintenance of video libraries of "Green Theater" (more than 30 films and cartoons). Public initiative, GEF SGP.

11. "Green Lessons" in pilot schools within the "Green Classroom" project. National Initiative of the Ministry of Ecology and Natural Resources, and State Ecological Academy of Postgraduate Education and Management under the Ministry of Environment coordinates it, in closely cooperation with NGO's.

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Alexander Bondar, Rector of the State Ecological Academy of Postgraduate Education and Management, Professor, Doctor of Biological Sciences, ESD Focal Point in Ukraine will prepare a special presentation on this topic.

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Marina Diachenko, Deputy Coordinator of GEF SGP project "Education for Sustainable Development: implementation the national strategies on local level", НГО «Волна» (NGO "Wave") will prepare by a special presentation on this topic.

3. Are there any recently produced materials/resources that are accessible to a wider audience (e.g., online)?

Yes No

• Please specify and, if applicable, indicate the language and website address

Environmental game "Green Manager" will be presented to and distributed among the participants of the meeting.

Materials concerning the consolidation of efforts to synthesize materials on "Education for Sustainable Development in Ukraine" process in the schools, the opportunity to become a party to the Partner Network on sustainable development can be found on the website (in Ukrainian language) <http://www.ecoosvita.org.ua/>.

III. Priority action area (c) to reorient technical and vocational education and training in support of sustainable development and the transition to a green economy: Advances made and challenges encountered since the eighth Steering Committee meeting in March 2013

1. Has there been advancement towards a structural reorientation of technical and vocational education and training (TVET) towards ESD?

Yes No

• Please specify

Unfortunately, it is too early to speak on progress on this issue. We would like to learn more about the experiences and practices of other countries.

Please indicate if you wish to make a presentation on this topic/if there is an outstanding initiative in your country on this topic

2. Have any incentives and assistance measures been made available that support the reorientation of TVET towards SD?

Yes No

• Please specify

• Please indicate if you wish to make a presentation on this topic/if there is an outstanding initiative in your country on this topic

3. Are there any recently produced materials/resources that are accessible to a wider audience (e.g., online)?

Yes No

• Please specify and, if applicable, indicate the language and website address

1. Is there already a political commitment/indication that ESD implementation will continue to be supported after the United Nations Decade of ESD?

Yes No

• Please specify

In Ukraine there are sufficiently strong political commitment to the implementation of education for sustainable development after the UN Decade, as follows:

- The Law of Ukraine "On the Basic Principles (Strategy) of State Environmental Policy for the Period up to 2020" (which was adopted on December 21, 2010) set a goal № 1 - raising public environmental awareness and tasks to achieve this goal.

- At the moment it is prepared a draft of Concept of Environmental Education for Sustainable Development, which, after public discussion and handling of all comments and suggestions will be forwarded to the Cabinet of Ministers of Ukraine.

- Until the end of 2015 Strategy for Environmental Education for Sustainable Development and the National Action Plan to implement the Strategy should be drafted.

The necessity to develop these documents is assigned in the Law of Ukraine "On the Basic Principles (Strategy) State Environmental Policy for the Period up to 2020" and directives of the Cabinet of Ministers of Ukraine dated on May 25, 2011 № 577-p "On approval of the National Action Plan on Environmental Protection on 2011-2015".

2. Is there an indication of what will (continue to) be the priorities of your country for future ESD implementation?

Yes No

• Please specify

Among the priorities of Ukraine on implementation of education for sustainable development such ones should be highlighted:

- professional development of school teachers and university educators on issues of sustainable development;

- increase the number of school hours for subjects and lessons on environmental themes, including in the national initiative "Green Classroom", the formation and implementation of a "whole-institutional approach" to education for sustainable development at the national and local level;

- empowerment of postgraduate education in the field sustainable development and increasing responsible for ecologically significant management decisions for different target groups (civil servants, representatives of businesses, environmentalists, lawyers, civil society organizations and other interested parties);

- expanding the number of participants and development of opportunities of Partnership Network on Sustainable Development in Ukraine, primarily schools, educational

IV. Implementing education for sustainable development beyond the United Nations Decade of ESD

institutions, public and other interested groups;

- for education for sustainable development questions on biodiversity and nature interpretation should be actively included. The continuation of informational and educational work of the frame of "Natura 2000" for different target groups (public, environmentalists, staff of the natural reserve fund).
