

«Raising of ecological education level of school and college students in Atyrau in the sphere of Caspian ecological issues (problem of abandoned wells flooding and further liquidation)»
MEGII-KZ01-05

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[Final Report](#)

Grant Budget: USD 2,990

Objective of the project:

To conduct educational activities on Caspian ecological issues (problem of abandoned wells flooding and their future liquidation) in order to develop ecological awareness among school and college students in the city of Atyrau

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Background and Problem Statement

Last decades oil production has become the main sphere in the economy of Western Kazakhstan. Oil-fields developing have caused accumulation of a large quantity of pollutants that gravely disturb the ecological situation in the region.

Today, one of the biggest problems of the Caspian Sea is water level rise, and, as a result, well flooding. Well flooding means oil pollution of catchment's basin. Local fauna and flora are being endangered, which has reduced biodiversity.

Another serious issue faced by our society is the low level of ecological education and consciousness concerning the problems of the Caspian Sea. It happens often that our youth have no idea of urgent ecological situations and are not educated enough to handle the latter.

Goals and Objectives

The aim of the given project is to contribute to people's being informed about the ecological problems of the Caspian region. This project aims at conducting educational activities in the Caspian ecological issues (problem of abandoned wells flooding and their further liquidation) in order to develop ecological education among school and college students in the city of Atyrau.

Educational trainings, workshops and illustrative lectures for school and college students in the city of Almaty and Almaty oblast will be held within the framework of the project. 10 educational institutions will be included into Programme implementation. 1020 pupils will be involved in training seminars. The total of 30 training sessions will be conducted.

The project will be based on Educational Programme developed on the basis of "Well liquidation" illustrative project /USAID/Natural Resources Management Project in Central Asia (NRMP)

formerly used for University students. At this stage it will be adapted in order to be used when conducting educational activities at schools and colleges.

The project outputs can be used both by students and lecturers of schools and colleges, where these activities will be conducted. Also all information on the implemented project, including a full report about all conducted activities, will be published and disseminated among akimats (Local Government), University libraries, Resource Centers, mass media, and government officials, public organizations and representatives of business companies.

Implemented Project Activities

The project was carried out on the basis of the Curriculum on the demonstration project «Liquidation of wells» / USAID/ Central Asia Natural Resources Management Program (NRMP/USAID) which at the given stage has been adapted for its use in educational actions among students of colleges and schools, and also the modern data on change of a level of the Caspian sea and developed conditions in Atyrau region (scientific materials and the statistical data of the Kazakh Scientific-Research Institute of Environment and Climate (KSRIEK) and "Kazgidromet").

Within the framework of the project educational trainings, seminars and demonstration lectures for students schools and colleges had been lead in c.Atyrau. 10 educational establishments of have been involved in realization of the program. Atyrau among pupils of 10 and 11 forms, but carrying out of trainings managed to be carried out only in 9, owing to absence of communication with establishment at the moment of realization of the project. 28 forms that has made 794 pupils have been involved in training actions, instead of 1020 as it was planned early. As the reason for this the insufficient quantity of the senior classes and different quantity of pupils within classes. As at the moment of carrying out of training trainings at some schools passed city testings, with the purpose of definition of the general level of training, that as has not allowed to involve the planned quantity of students in practice of trainings. The quantity of practice trainings as has been united into 15 actions, instead of 30 as was planned earlier.

On the finishing of each educational action among all participants of the project questioning and sociological interrogations have been carried out). Questioning was carried out on a voluntary basis as a result of which it has been revealed 430 respondents willing to take part in participation of interrogation that has made 54,2% of all participants of the project.

Programme participants:

The following groups will be selected to take part in the project:

- ✓ qualified and proficient trainers and lecturers;
- ✓ efficient experts for assessment of the conducted activity;
- ✓ (target group) the community, in particular, school and college students, representatives of government bodies, public organizations and business companies.

Team of executors of the project:

The personnel of grant:

1. Novikova Y.S. – the project head
2. Italmasov K.B. – the manager of the project
3. Bazarbaev A.A. – the assistant to the project
4. Kim A.S. - the bookkeeper of the project

Consultants:

5. Edilbaeva G.I. – Kazakhstan Business Council for Sustainable Development (KBCSD)
6. Mustafina V.V. – Kazakhstan Business Council for Sustainable Development (KBCSD)
7. Ivanova S.A. – Central Asia Natural Resources Management Program (NRMP/USAID)

The trainers:

8. promogaibo P.P.
9. Zhumanov R.S.
10. Sydykova I.
11. Kamenev D. – TOT

Creation, installation of film and design:

12. Ryssaliyev E.Z. – video-audio the operator, creation and installation of video-film

Volunteers:

13. Volkov M.A.

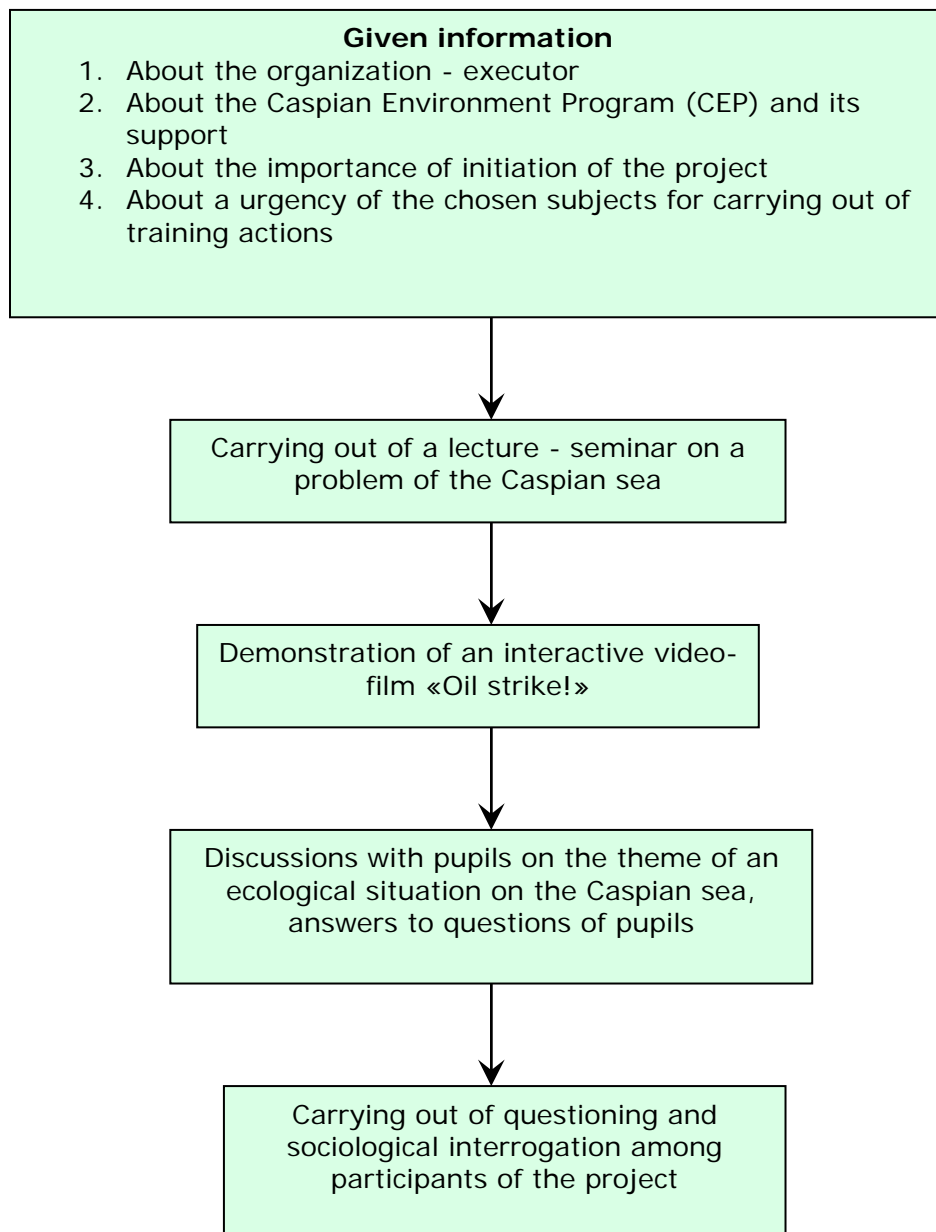
14. Rykov A.

Criteria of a choice among schools and colleges:

Educational establishments were selected by the following criteria:

- ✓ presence of the mixed language of training (since the basic material has been submitted in Russian);
- ✓ presence of the senior forms of training (10 and 11 forms)
- ✓ finding of educational establishment in territory of Atyrau

The circuit of construction of the trainee of a lecture - seminar has consisted of the following actions



On the finishing of carrying out of educating training for fund of each educational establishment, in the face of the first heads all training materials used in carrying out of a lecture - seminar in structure of the following have been transferred:

1. Cassette VHS with record of interactive video-film «Oil impact! »
2. Training the module on the Educational module of Program NRMP / USAID
3. The full text of a lecture - seminar
4. The information booklet on problems of the Caspian sea

For retrieving objective image of project effectiveness ICDY carried out poll among participated schools' pupils. Poll took place with use of questionnaire with open-type questions. Pupils on their wish filled questionnaire. Poll was carried out after completing of lecture, that is pupils have been acquainted with a training material, have heard a lecture material and have seen video-film «Oil strike!» .On a problem of Caspian Sea.

Conclusion:

Thus pupils demonstrated high awareness of environmental protection conception, according to respondents opinion most developed industry are oil & gas industry, and it makes biggest impact on environment in Kazakhstan.

The project was completed in November 2005.