

The Regional Environmental Centre for Central Asia

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PROJECT CONCEPT:

PILOT PROJECT FOR DEVELOPMENT OF PRTR SYSTEM IN KAZAKHSTAN (Central Asia Region)

Problem description

In 2005 from April till October at financial support of CAREC within the framework of the program of public initiatives support CF «Centre for Sustainable production and consumption» (further the Centre) had been implemented «Towards PRTR system in Kazakhstan» project. The common budget of the project has made 5 thousand euros.

The goal of the project was involving the wide public in decision-making process about connection to the PRTR Protocol, by formation opinions of all interested parties. Tasks of the project included distribution of the information on value of the PRTR Protocol, studying of readiness of connection to the PRTR Protocol at a level of pilot area, studying of the statistical reporting of the enterprises on pollutants, preparation of recommendations on connection to the PRTR Protocol.

Results of the «Towards PRTR system in Kazakhstan» project have allowed to draw conclusions on necessity of work continuation for the given direction. During meeting under PRTR Protocol in the Borovoe (Astana, Kazakhstan) there have been accepted a number of recommendations on the further development of PRTR system in Kazakhstan. One of the items of recommendations is implementation of the pilot project.

The practical experience received during implementation of the «Towards PRTR system in Kazakhstan» project and direct activity of CAREC and the Centre on work with the enterprises with the purpose of implementation programs on waste, emissions and discharge minimizations, and also decrease in loading on an environment allows to develop the project on developing the following stage of PRTR system implementation in Kazakhstan.

Particularly it is offered to implement the pilot project for more detailed studying of National PRTR implementation opportunity by the example of one "polluted" area, for example, the East Kazakhstan oblast (one of the most industrialized areas). For this purpose it will be necessary to develop together with experts of Agency on statistics and Committee for water resources of Agriculture ministry additional forms of the reporting in view of PRTR system requirements. To provide information campaign on an explanation of PRTR system requirements and probable benefits after its acceptance.

The pilot project is planned to implement in 20 months. From which 6 months will conduct work under the analysis of the existing reporting, to be developed the form corresponding to PRTR system requirements, 12 months will conduct data gathering on pollutants and 2 months are allocated for drawing up of the report and preparation of recommendations for coordination group.

Work will be carried out in coordination with working group created by the order of Minister of the environment.

Wider objectives: To support to Kazakhstan to join to the PRTR protocol and improve capacity of state bodies and industrial sector in case of data collection and distribution

Project goal:

Like an example to determine an opportunity and mechanisms of national PRTR system implementation within the one pilot region. Then estimate a real situation on all pollutants and to compare the received data with PRTR system requirements.

Tasks:

1. Development of forms of the reporting in view of PRTR system requirements on discharge in water objects together with Agency on statistics and Committee for water resources of Agriculture ministry
2. Development of forms of the reporting in view of PRTR system requirements on emissions in an atmosphere and formed waste products together with Agency on statistics
3. Providing trainings for the enterprises on an explanation of PRTR system in pilot region (for around 30 industrial company representatives)
4. Approbation of new forms of the reporting at the enterprises of pilot area, quarterly data gathering
5. To carry out analysis of needs for additional resources necessary for PRTR system implementation.
6. On the basis of the received results drawing up of recommendations for coordination group of Ministry of environment on PRTR system implementation in Kazakhstan.

Methods and ways of progress:

Carrying out at an initial stage of meeting of all potential participants of the project will help with further coordination of experts actions, and will promote successful implementation of the project.

Training on an explanation of PRTR system for experts of the industry is obligatory.

The expert on statistics from Agency on statistics together with the expert on ecology and on monitoring will develop the form for data gathering on atmospheric emissions and volumes of the waste products formed at the enterprises. Besides the expert on statistics from Committee on water resources will develop the form on data gathering discharge in water objects. The generalized forms of the reporting will be directed to the consultant on the industry for data gathering in pilot area. As pilot one area (probably one sector of the industry) will be selected. Data gathering will be made within one year quarterly. Also the report on the influence of pollutants (The appendix 2 PRTR Protocol) rendered on health of the person and an environment will be made.

The received data will be used for preparation the recommendations for the Ministry of environment (coordination group). In the end of the project the round table with representatives from Ministry of environment and coordination group, and also all participants of the project will be carried out and preparation of documentation to the Ministry of Foreign Affairs for joining protocol in 2006 .

Implementation stages:

- 1 Carrying out of meeting of potential participants of the project
- 2 The analysis of the existing reporting, comparison with requirements of PRTR system - 2 months (I-II)
- 3 Completion of forms of the reporting - 4 months (III-VI)
- 4 Selection of sectors of the industry for implementation of data gathering - 2 months (IV-V)
- 5 The influence rendered on health of the person and an environment by pollutants resulted in PRTR Protocol - 2 months (V-VI)
- 6 Carrying out of trainings for experts of the enterprises on an explanation of PRTR system
- 7 Data gathering (quarterly) - 12 months (VII-XVIII)
- 8 The analysis of the data, dynamics of parameters - 1 month (XIX)

- 9 Preparation of recommendations for coordination group - 1 month (XIX)
- 10 Drawing up of the report - 1 month (XX)
- 11 Carrying out of a round table with participation of representatives from Ministry of environment and working group

Assumption and Risks:

- 1 Refusal of the enterprises to give the full list of emitted substances and a juggling of the data
- 2 Refusal of Committee on water resources to participate in the project.

For avoiding such risks CAREC establish a close cooperation with Ministry of Environment of Kazakhstan

Expected results

- 1/ Development of clear system of Communication between industrial sector and Responsible Ministry in case of PRTR goals,
- 2/ Development of clear recommendation for the State coordination group on PRTR and with pilot assessment of necessary human and financial resources.
- 3/ Providing a Training for representatives of the industry on an explanation of PRTR system .

Estimated budget: 50 000 EUR

Prepared in November 2005

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