



**United Nations Development Programme**  
GLOBAL ENVIRONMENT FACILITY (GEF)



**To:** Mr. Avani Vaish  
Ms. Song Li, GEF Secretariat

**Date:** 11 January 2001

**Email:** avaish@worldbank.org  
sli@worldbank.org  
gcoordination@worldbank.org

**Pages:** (8 including this sheet)

**From:** Richard Hosier/ Bo Lim  
UNDP-GEF

**Subject:** **Submission of Climate Change Enabling Activity (additional financing for capacity building in priority areas) for Moldova**

We are pleased to submit for your consideration the revised proposal for Climate Change Enabling Activity (additional financing for capacity building in priority areas) for Moldova.

The endorsement letter was sent as a separate file (MoldovaEAIendorsement.pdf).

To facilitate your review, note that the following paragraph has been inserted on page 4:  
“By undertaking the Phase II enabling activity, Moldova is aware that they must await both the future decisions of the Conference of the Parties regarding the preparation of second national communications and GEF guidelines to operationalize those decisions.”

Also, the following paragraph has been inserted on page 4:  
“The Implementing Agency and the GEF focal point of Moldova have satisfied themselves that the proposal for additional funding complies with the Operational Criteria for the expedited financing of climate change enabling activities.”

We look forward to receiving CEO approval very soon.

Thank you.

**UNITED NATIONS DEVELOPMENT PROGRAMME  
GLOBAL ENVIRONMENT FACILITY**

*Proposal for Review  
Expedited Financing for (Interim) Measures for  
Capacity Building in Priority Areas Part II*

**Country:** Republic of Moldova

**Project Title:** Moldova: Climate Change Enabling Activity (additional financing for capacity building in priority areas)

**GEF Focal Area:** Climate Change  
**Country Eligibility:** [x] Eligible under a financial mechanism of the UNFCCC

**Date of Ratification:** June 9, 1995

**GEF Financing (Phase I):** US\$ 325,000  
**GEF Additional Financing (Phase II):** US\$ 99,500  
**Total Costs:** US\$ 424,500

**GEF Implementing Agency:** UNDP

**Executing Agency:** Ministry of Environment and Territorial Development

**Local Counterpart Agency:** Ministry of Environment and Territorial Development

**Estimated Date of Initial National Communication Submission:** October 15, 2000

**Estimated Starting Date:** November 2000

**Project Duration:** 12 months

## **1. CURRENT PROJECT STATUS:**

### ***Background***

The project MOL/97/G31: "Enabling Moldova to Prepare its First National Communication in Response to its Commitments to the UNFCCC" is under implementation and successfully reaching its objectives.

In order to ensure the sustainability of project results some follow-on activities and work has been recommended. The work needed pertains mainly to the following climate change priorities mentioned in the National Environmental Action Plan (1995) and latest Programs of Actions for the Development of the National Economy Country: awareness building on climate change issues, and studies on ways of replacement of old inefficient energy consuming technologies with new ones based on renewable energy sources.

### ***Current Status***

The current status of the Phase I project on the climate change enabling activity for Moldova is as follows:

- The National Inventory of the Greenhouse Gases Emissions is compiled.
- The draft version of the first national communication of the Republic of Moldova to the CoP of the UNFCCC is developed. The following components are included:
  - inventory of greenhouse gases according to the guidelines adopted by the CoP; assessment of potential impact of climate change on national economy; and,
  - analysis of potential measures to abate the increase in greenhouse gas emissions and to adapt to climate change.
- The first national communication of the Republic of Moldova to the CoP of the UNFCCC will be submitted to the Secretariat of the UNFCCC in October 2000.

The major conclusions of the Phase I work are summarised below:

- Identification of technology needs in the energy sector and the agricultural processing industry is very important since the current state of the art in these two sectors are seriously affecting the economy of the country. The identification of and subsequent implementation of new environmentally friendly technologies in these two areas will significantly influence the state of the environment especially as regards the climate change related aspects.
- A feasibility study and development of pilot projects in GHG abatement in energy, agricultural processing industry, and waste management is needed to assist Moldova in expanding the use of energy saving and renewable energy sources technologies.
- Awareness Building in climate change issues through national and regional workshops, publications and dissemination of practical outputs of the pilot projects. The general population of Moldova knows very little about climate change or its consequences. An awareness building campaign among the relevant stakeholders could contribute to the GHG abatement and complement investment in technology.

By undertaking the Phase II enabling activity, Moldova is aware that they must await both the future decisions of the Conference of the Parties regarding the preparation of second national communications and GEF guidelines to operationalize those decisions.

The Implementing Agency and the GEF focal point of Moldova have satisfied themselves that the proposal for additional funding complies with the Operational Criteria for the expedited financing of climate change enabling activities.

## **2. ACTIVITIES TO BE INVOLVED IN PHASE II PROJECT:**

### **A. Technology Transfer:**

For Phase I of Moldova's climate change enabling activities, up to US\$10,000 was allocated (in part) to make a preliminary examination of technological needs and constraints related to climate change. Since these studies were only preliminary, the additional work described below is considered necessary.

#### **(i) Identification/Submission of Technology Needs**

- The currently used technologies in the energy sector and the agricultural processing industry will be analysed and the most highly polluting ones will be identified.
- New technologies (e.g., building of windmills, installation of solar batteries, technology transfer in processing industry, etc.) will be identified, examined, and proposed to replace the more inefficient ones.
- A feasibility study will be carried out for a number of projects for GHG abatement using these new technologies.
- A programme for replacement of old inefficient technologies and a fund raising strategy for its implementation will be prepared.

Specific activities to be involved in the identification of technology needs include:

- Development of a detailed workplan for identification of technology needs, and creation of a specialised board to oversee the activity;
- Identification of local and international expertise in the field to work on technology assessment, data gathering, and other required research;
- Preparation of reports on technology needs; and,
- Training of project staff and relevant specialists to participate in technology assessments.

#### **(ii) Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects**

To build capacity within Moldova regarding the assessment of technology needs with the goal of designing and hosting projects in this area, pilot projects will be developed that build on the feasibility studies described in section 2 A (i) above. Based on the results of the technology assessment, four technologies will be examined from the Energy sector, Processing Industry, Agriculture sector and Waste Management sector.

The intent is not to actually fund the pilot projects, but rather to facilitate, co-ordinate, and learn from their implementation through local companies and individuals.

The following activities are proposed:

- A competition for pilot projects in the sectors specified above will be announced. Companies and individuals will be identified to conduct the pilot projects. Projects will be evaluated and selected according to their potential contribution to GHG emissions reductions and other indicators (e.g., economic efficiency). The specialised board, as identified above, will select the pilot projects;
- Outputs of these pilot projects, as well as the results of the feasibility analysis, will be provided to the governmental and private agencies and companies build knowledge of these technologies within the private and public sectors; and,
- Publications of the results of successful pilot projects will be disseminated among stakeholders. Additional awareness building on climate change issues and climate change abatement technology will be made through national and regional workshops, round tables, television and radio broadcasts, publication of articles, and video clips. Related activities will include: (a) compiling relevant information available at the international and national level, and making this information accessible for awareness building activities; and (b) identifying and contracting relevant specialists for translation, publication and dissemination of materials.

To continue to strengthen Moldova's capacity to assess technologies and technology needs, with the goal of hosting projects, institutional strengthening will be enhanced through:

- Verification and upgrading of database on climate, abatement and its management particularly through the use of new technologies. This database will help to keep the national experts and government counterparts up to date on climate change and climate change related issues; and,
- Training of the personnel of the Ministry of Environment and Territorial Development/ Hydrometeo Service in efficient utilisation of this database.

#### **B. Capacity building for participation in systematic observation networks**

Capacity building for participation in systematic observation networks will not be conducted under this proposal, however, any regional studies conducted on this topic will be consistent with any work conducted under this proposal.

#### **C. Studies leading to the preparation of national programs to address climate change: improvement of emission factors**

Studies leading to the preparation of national programs to address climate change will not be conducted under this proposal, however, any regional studies conducted on this topic will be modified to complement and be consistent with any work conducted under this proposal.

### **3. PROJECT MANAGEMENT/INSTITUTIONAL ARRANGEMENT**

The management of the Project will be carried out at strategic and implementation levels. A Steering Committee consisting of representatives of the government, UNDP and NGO community will be established. The project staff will consist of a project manager and a project administrative assistant. Experts from institutions in the Republic of Moldova which deal with climate change related issues will be involved in the implementation of the Project following the standard UNDP recruitment procedures. Special attention will be paid to use of the same institutional structure and personnel that were involved in coordinating preparation of the first national communication.

The Project will work in close cooperation with Moldova's National Climate Change Committee and will coordinate all activities with GEF operational focal point in Moldova (Ministry of Environment and Territorial Development) and UN FCCC focal point (Hydrometeorology Service). The project will also cooperate closely with all the other relevant ongoing projects in Moldova in order to enable an effective information exchange between the projects and full utilization of their results.

### **4. MONITORING AND EVALUATION**

The Steering Committee of the Project will be created for overseeing and advising the project execution and will have decision making power over all aspects of the project. Monitoring and evaluation of the Project results will be performed according to UNDP rules and proceedings.

Prior to the release of GEF additional financing by the UNDP for Phase II activities, standard UNDP monitoring and evaluation practices will be followed for Phase I. In particular, the UNDP will receive a copy of the latest (i.e., within the past six months) Annual Programme/Project Report (APR) and the Tripartite Review (TPR) Report. At the end of Phase II, a Terminal Report on Phase II will be submitted to the UNDP Headquarters.

**TABLE C 2**

**ACTIVITY MATRIX FOR PHASE II OF CLIMATE CHANGE ENABLING ACTIVITIES:**

**Priority activities for additional (interim) funding**

**Note: x denotes activities covered by the proposed project**

Activity	Planning and Execution	Capacity Maintenance/ Enhancement		
		Data Gathering and Research	Institutional Strengthening	Training, Education and Public Awareness
<b>2. A (i)</b> Identification and submission of technology needs	X	X	X	X
<b>2. A. (ii)</b> Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects	X	X	X	X
<b>2. B.</b> Capacity building for participation in systematic observation networks				
<b>2. C.</b> Preparation of programs to address climate change				

**Table D 2**

**PROJECT BUDGET ACCORDING TO GEF ACTIVITY NORMS IN US DOLLARS**

**Cost estimates for (interim) priority activities**

Activity	Planning and Execution	Capacity Maintenance/ Enhancement			Technical and Administrative Support	Cost Estimates
		Data Gathering and Research	Institutional Strengthening	Training, Education and Public Awareness		
2.A (i) Identification and submission of technology needs	1,475	13,865	4,425	8,260	1,475	29,500
2. A (ii) Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects	17,400	11,600	14,500	11,600	2,900	58,000
2. B. Capacity building for participation in systematic observation networks						
2. C. Preparation of programs to address climate change						
3. Project management						10,000
4. Monitoring & Evaluation						2,000
<b>Total</b>	<b>44,340</b>		<b>18,925</b>	<b>19,860</b>	<b>4,375</b>	<b>99,500</b>