



**Action plan for implementation of the  
“Emergency Response to Natural Disaster  
Floods in the South Eastern Part of Macedonia”**

**Background**

The forceful storms and heavy showers between the 4 and 7 June 2004 and later again repeated 16 to 18 June 2004 hit the municipalities of Gevgelija, Strumica, Valandovo, Negotino, Bogdanci, Dojran, Tetovo and Gostivar, in the southeastern and western part of Macedonia. The water level of the rivers Vardar, Anska Reka, Trkajna and Turija rapidly increased and spilled over the river banks causing massive floods. The water drainage systems were blocked with soil, rocks and trees, flooding the surrounding arable land. Local and regional roads damaged stopping traffic altogether at certain places. Because of railroad damages, the international rail traffic to Greece was also halted. The water dams “Pagurci” near Bogdanci and “Toplec” near Gevgelija cracked and flooded 2/3 of the residential and industrial buildings.

About ten villages and an estimated 20,000 hectares of arable land in the region of Strumica and 1,500 hectares in the region of Valandovo were flooded and huge material damage was inflicted. The villages of Sacevo and Prosenikovo were the hardest hit because the raging water of the river of Turija destroyed the embankment just outside Prosenikovo. Many of the residential buildings along the rivers of Turija, Strumica and Trkanja were under water and 56 residents of the village of Dobrosanci were evacuated. With the help of divers and teams of the Macedonian Army the most at risk elderly people were saved from their flooded homes.

The water supply and the sewage systems in the municipality of Bogdanci were heavily affected. Ten kilometers of the river bed of Luda Mara were totally destroyed. Due to the large scale damages to the water supply systems in the villages of Moin, Kovanec, Mrzenci, Negorci, Prdejci, Novo Konjsko, the border crossing point of Bogorodica and Negorski Banji remain without drinking water. The wells near the River Vardar which are additional water resource for the regional water supplying system are still flooded.

These regions of Macedonia are known as a prime agricultural area, and local inhabitants earn their income from production and selling agricultural products. Around 400.000 ha of arable land were flooded and of than 50% of the crops have been totally destroyed, which will dramatically increase poverty levels in the affected areas. Full assessment of the socio-economic impact of the floods has still to be done.



## **Response from the Government**

Immediately after the accident, the National Crisis Management team and the local Centers for Civil Protection in the affected municipalities were mobilized.

The Macedonian Government decided to approve 70 million denars, or approximately 1,138.000 Euros from the State Budget to help the flood-stricken areas. As an act of solidarity, it was decided that one daily allowance of the salary of all employees in the country in the total amount of 125 million denars or around 2 million Euros to be allocated as a first response to affected families.

The Office of the UN Resident Coordinator has been in close and permanent contact with the National Crisis Management Team, the Centre for Civil Protection, local governments from the affected areas and other relevant institutions for information sharing and coordination of activities. There is a continued coordination the office the Minister Vlado Popovski, Minister without Portfolio, who was appointed by the Government to follow up the situation and prepare the estimated cost for the damage. The Government has approached the Resident Coordinator with the request for the UN assistance as a response to the emergency situation resulting from the national disaster.

## **Flood Recovery Proposal**

### **Immediate Objectives and Activities**

At this stage, there is urgency in addressing the socio-economic impact of the floods in the affected areas. One immediate reason why to do it is to address economic reactivation through the creation of short term employment opportunities for local inhabitants in the affected areas. Immediate rehabilitation efforts using the established network and experience of the UNDP projects (MSP, MDF) the affected population can be immediately employed in the short term activities that address the emergency.

Such activities are critical priority to respond to the socio-economic and humanitarian solution in the affected areas as well as will decrease the risks of new potential floods if the weather conditions worsen.

With Memorandum of 10 June 2004, BCPR allocated the first tranche of US\$ 50,000. The action plan and budget for the activities that have already been supported, have already been submitted to BCPR as requested. With the action plan and budget in this document, we are briefly describing our continuing proposed plan on post disaster recovery for the release of the second tranche of US\$ 47,080 TRAC 3 funds.



### Proposed Activities and Resource Framework for new Allocation:

#### Intended Outcome:

Emergency development assistance in post-disaster recovery of the south-eastern part of Macedonia.

#### Outcome indicator:

Economic reactivation of the affected region through the creation of short term employment opportunities for affected population mainly agriculture employees in the flood affected areas.

| Expected Outputs   | Area | Activity / Budget   | Budget            |
|--|------|---|-------------------|
| Assessment report on scope of damages and risk factors                     |      | Collection of socio-economic information from the affected areas and analysis.<br>Identification of the emergency activities  | <b>3,000 USD</b>  |
| Assisting in development of the post-disaster and early recovery framework |      | Identification of most vulnerable unemployed groups on municipal level.<br>Identification of the most affected families and their engagement as labor force in partnership with local social bureau. Selection of activities for short term employment. | <b>3,000 USD</b>  |
| Operational plan for emergency employment of the effected inhabitants      |      | Preparation of the detailed operational plan on municipal level for the engagement of unemployed workers.<br>Identification of the supplier for equipment/ tools for the local recruited workers  | <b>35,000 USD</b> |
| Short-term employment of   |      | Manual work and logistic  |                   |



|                                  |   |   |                   |
|----------------------------------|---|---|-------------------|
| population affected by the flood | <p><b>Strumica region</b><br/>Strumica and villages (Gradsko Badlovci, Dabile, Prosenikovo, Dobrejci, Borievo, Murtino, Monospitovo)</p> <p><b>Gevgelija region:</b><br/>Gevrelija and suburban areas of Gevegelija</p> | <p>support</p> <ul style="list-style-type: none"> <li>• Operational Plan for cleaning activities</li> <li>• 76 workers hired from the most affected households</li> <li>• Logistic support for manual work of affected inhabitants</li> </ul>                                     | <p>19,000 USD</p> |
|                                  |   | <ul style="list-style-type: none"> <li>• Manual work and logistic support</li> <li>• Operational Plan for the cleaning up activities</li> <li>• 10 workers hired from the most affected households</li> <li>• Logistic support for manual work of affected inhabitants</li> </ul> | <p>16,000 USD</p> |
|                                  |   | <p>3,000 USD</p>  | <p>2,350</p>      |
|                                  |   |   | <p>USD</p>        |
|                                  |   |   | <p>USD</p>        |
|                                  |   |   | <p>650</p>        |

| Budget Code | Description                | Total |               |
|-------------|----------------------------|-------|---------------|
|             |                            | m/d   | \$            |
|             | <b>Clean up activities</b> |       |               |
|             | a) Workers                 |       | 21.350        |
|             | b) Fuel and logistic       |       | 15.250        |
|             | c) Tools                   |       | 1.400         |
|             | <b>COMPONENT TOTAL</b>     |       | <b>38.000</b> |
|             | <b>Miscellaneous</b>       |       |               |
|             | Assessment report          |       | 3.000         |
|             | Sundries                   |       | 3.000         |
|             | <b>COMPONENT TOTAL</b>     |       | <b>6.000</b>  |



|  |                             |               |
|--|-----------------------------|---------------|
|  | Implementation support cost | 3.080         |
|  | <b>COMPONENT TOTAL</b>      | <b>3.080</b>  |
|  | <b>GRAND TOTAL</b>          | <b>47.080</b> |