UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

UNECE Working Group on Environmental Monitoring (WGEM)

in collaboration with the Ministry of Environment of Georgia

and with the financial assistance of the European Community

Second Workshop on
Waste Classifications and Inventories

Tbilisi (Georgia), 3 and 4 October 2003

1. Background

The quantitative and qualitative data on the generation, use, disposal and environmental effects of wastes are unreliable in many countries in Eastern Europe, Caucasus and Central Asia (EECCA) and do not meet priority demands. Some important waste streams such as: hazardous waste; municipal waste; packaging waste; end of life vehicles (used tyres); healthcare waste; construction and demolition waste; waste from electrical and electronic equipment (incl. batteries and accumulators); sewage sludge; and waste oil; are not properly monitored. Inventories are lacking in several countries of waste of high potential hazard, which were (or continue to be) dumped on landfill sites, especially in rural areas. Different agencies involved rarely share data. Data quality is often uncertain; data collected is often incomplete; little work has been done to analyze or synthesize data for policy development and assessment through appropriate indicators.

The activity on Waste Classifications and Inventories under the joint project of UNECE and the European Environment Agency (EEA) on "Support to the activities of the UNECE Working Group on Environmental Monitoring" is intended:

- To review current situation in EECCA countries with the waste classifications and inventories;
- To introduce to EECCA countries sets of waste indicators that are used in EEA countries;
- To strengthen the capacity of EECCA countries to collect and assess data on waste generation, recovery and disposal.

The detailed assessment will be made of the three Caucasian countries in terms of collecting and handling data on waste, gaps in data and obstacles and existing regulations. Recommendations will be prepared for these and other EECCA countries.

The first Workshop on Waste Classifications and Inventories took place on 7-8 July 2003 in Tbilisi, Georgia. It discussed situation in the three Caucasian countries with waste classifications and

inventories. It identified gaps in data collection on most important waste streams, weaknesses in the regulatory and institutional frameworks, and needs in building national capacities in the area. The workshop participants were informed about approaches applied in EEA member countries to improve waste classification systems, data collection and the use of indicators.

2. *Workshop objectives*

The second Workshop will discuss and finalize the review of the current situation with waste classification and inventories systems in the Caucasian countries. It includes legal and regulatory requirements, institutional arrangements, availability of data and their appropriateness, and the indicators used. The Workshop will prepare, thereafter, recommendations to Governments of the three Caucasian countries and other EECCA countries for improving national waste classification systems, routine waste data collection as well as reporting by the use of indicators on waste and material flows that are compatible with those applied in EEA countries.

3. *Workshop programme*

On the first day, the morning session will be dedicated to the discussion and finalization of the report on waste classifications and inventories in the Caucasian countries: legal and regulatory requirements, institutional arrangements, availability of data and their appropriateness, and the indicators used.

During the afternoon session the experts from Central Asian countries will make presentations on the current situation with waste classifications and inventories in their countries, including:

- Laws and regulations setting requirements for waste data collection and reporting,
- Responsibilities of central authorities (Statistical Committees, Ministries of Environment and other institutions), city councils and municipalities, and coordination between them,
- Waste indicators used,
- Actual collection, analysis and publication of data on waste generation, recovery and disposal,
- Needs in building national capacities in the area,
- Needs for promoting international comparability.

On the second day draft recommendations to Governments of the Caucasian countries for improving national waste classification systems, routine waste data collection as well as reporting will be presented and discussed. Their finalization will be followed by the preparation of a set of general recommendation to other EECCA countries on the subject.

During the afternoon session the ETC/WMF experts will make presentations on what might be improved in the national waste classifications systems in the EECCA and on the role of local authorities in waste data collection and analysis. The Workshop will end up with the discussion and finalizing of the recommendations to Governments of the EECCA countries for improving national waste classification systems, routine waste data collection as well as reporting.

Second Workshop on Waste Classifications and Inventories

Tbilisi (Georgia), 3-4 October 2003
68-a Kostava Street, Conference room at the 6th floor

Agenda

October 3, Friday

09:30 - 09:50 Opening
        Nino Chkhobadze, Minister of Environment of Georgia
        Mikhail Kokine, UNECE.

    09:50 - 13:00 <u>Session I: Review of waste classifications and inventories in the Caucasus</u>

09:50 – 09:55 Introduction by Moderator, Mikhail Kokine.

09:55 - 10:30 **Main results on waste management issues in the UNECE environmental performance reviews of Armenia, Azerbaijan and Georgia.**
        Presentation by Yaroslav Bulych, UNECE.

10:30 - 11:00 **Draft report on Waste Classifications and Inventories in the Caucasus**
        Presentation by Givi Kalandadze, Georgia.

11:00 - 11:30 *Coffee break*

11:30 - 12:00 **Contributions to the draft report by EEA**
        Presenters: Matti Viisimaa
                 Fotis Kourmoussis

12:00 - 12:30 **Comments on the draft report from the Caucasus**
        Discussants: experts from Armenia, Azerbaijan and Georgia.

12:30 - 13:00 General discussion.

13:00 - 14:00 Lunch

14:00 - 18:00 <u>Session II: Situation with waste classifications and inventories in Central Asia</u>

14:00 – 14:05 Introduction by Moderator, Mikhail Kokine.

14:05 - 14:35 **Waste classifications and inventories in Kazakhstan**
        Presentation by Beibut Abishev followed by questions and answers.

14:35 - 15:05 **Waste classifications and inventories in Kyrgyzstan**
        Presentation by Kubanychbek Noruzbaev followed by questions and answers.

15:05 - 15:35 **Waste classifications and inventories in Tajikistan**
        Presentation by Okilboy Tuev followed by questions and answers.

15:35 - 16:05 Coffee break

16:05 - 16:35 **Waste classifications and inventories in Turkmenistan**
Presentation by Saparmamed Atayev followed by questions and answers.

16:35 - 17:05 **Waste classifications and inventories in Uzbekistan**
Presentation by Amanbai Hallilaev followed by questions and answers.

17:05 - 17:35 **Comments on the presentations by EEA**
Discussants: Matti Viisimaa
Fotis Kourmoussis.

17:35 - 18:00 General discussion.

October 4, Saturday

09:30 - 13:00 Session III: Preparation of recommendations for the Caucasus

09:30 – 09:35 Introduction by Moderator, Mikhail Kokine.

09:35 - 10:00 **Overview of the main recommendations on waste management in environmental performance reviews of Armenia, Azerbaijan, Georgia**
Presentation by Yaroslav Bulych, UNECE.

10:00 - 10:30 **Draft recommendations to Governments of the Caucasian countries on waste classifications and inventories**
Presentation by Givi Kalandadze, Georgia.

10:30 - 11:00 **Contributions to the draft recommendations by EEA**
Presenters: Matti Viisimaa
Fotis Kourmoussis.

11:00 - 11:30 Coffee break

11:30 - 12:00 **Reaction on the draft recommendations**
Discussants: experts from Armenia, Azerbaijan and Georgia.

12:00 - 13:00 General discussion and finalizing of the recommendations.

13:00 - 14:00 Lunch

14:00 - 16:30 Session IV: Preparation of recommendations to other EECCA countries

14:00 – 14:05 Introduction by Moderator, Mikhail Kokine.

14:05 - 14:35 **National waste classification systems in EECCA - what might be improved taking into account the experience of EEA countries**
Presentation by Matti Viisimaa, EEA.

14:35 - 15:05 **Waste data collection and analysis - the role of local authorities**
Presentation by Fotis Kourmoussis, EEA.

15:05 - 15:15 **Proposals to the recommendations**

Contribution by Beibut Abishev, Kazakhstan

15:15 – 15:25 **Proposals to the recommendations**
Contribution by Kubanychbek Noruzbaev, Kyrgyzstan

15:25 – 15:35 **Proposals to the recommendations**
Contribution by Okilboy Tuev, Tajikistan

15:35 – 16:00 Coffee break

16:00 – 16:15 **Proposals to the recommendations**
Contribution by Saparmamed Atayev, Turkmenistan

16:15 –16:25 **Proposals to the recommendations**
Contribution by Amanbai Hallilaev, Uzbekistan

15:25 – 16:35 **Reaction on the proposals to the recommendations**
Discussants: Matti Viisimaa
Fotis Kourmoussis

16:35 – 17:00 General discussion.

17:00 - 17:10 Conclusions of the Workshop.