

## **REPORT**

on the WP5 workshop

### **WASTE TO ENERGY:**

#### **RTD & INNOVATIONS, GOOD PRACTICES, PROSPECTS & ALTERNATIVES**

**DATE and PLACE:** September 20/21, 2011, Sofia, Bulgaria

**SCOPE:** The workshop was devoted to solid municipal waste management (MWM) with an emphasis on MWM in Sofia region. It was arranged in three discussion panels, accenting on Scientific, Business, and Political and Social aspects of MWM.

**FOCUSE GROUPS and PARTICIPANTS:** The workshop was addressed to a wide audience: researchers, students, state or local authority representatives, NGOs, waste-management related companies, etc.

80 participants from 33 organizations, including: 18 from Research institutes, Universities & Education centres; 30 from Sofia municipality and its 24 districts; 3 from the Ministry of Environment and Water of Bulgaria; 27 from waste-management related companies, and 2 from NGOs were invited to participate in the workshop. (see Appendix 1)

The total number of attendees was 53 from 31 organizations, including: 14 from Research institutes, Universities & Education centres (including 6 students); 10 from Sofia municipality and its districts; 25 from 17 waste and waste management - related companies; 3 from NGOs, 1 from a public media. (see Appendix 3). The participants were from five European countries (Austria, Bulgaria, Italy, The Netherlands, and The U.K.).

The event was organized by BAS and received strong support from WasteKIT partners from Denkstatt, BSECEE, Sofia Municipality, BCCI, ITIE, AEB, Aster, RCPA, ConIT, and AIM.

**LECTURERS:** Prominent foreign scientists, businessmen and local authorities' experts had keynote presentations in each panel. Leading local actors also presented their research work, company activities and projects, related to MWM. 12 presentations (by 5 foreign and 7 Bulgarian lecturers) were held and discussed.

**TOPICS DISCUSSED:** The presentations were oriented toward 3 main topics:

overall MSW management (D. Mainero, W. Stark); thermal gasification of MSW (T. Fordham, S. Agema, V. Kyoseva), and anaerobic processes for MSW treatment (L. Rossi, E. Todorova).

The planned presentation on MWM policy by Mr. Stefanov from the Ministry of Environment and Waters was not held. Mr. P. Traykov (from the Sofia municipality) presented the MWM policy and strategy for the municipality.

Two private companies (“Titan Zlatna Panega Cement” and “Recycling Bulgaria”) presented their programmes and achievements in MSW treatment in their facilities in Bulgaria.

Two scientific works on MSW treatment by vitrification (by Assoc. Prof. A. Karamanov, BAS) and on electron microscopy application in MSW studies (by Assoc. Prof. B. Rangelov, BAS) were presented.

All presentations were collected and distributed (via Dropbox) to WasteKIT partners. They will be uploaded on WasteKIT web page along with the presentations from the other workshops.

Along the program a brief progress meeting of the WasteKit partners was held.

**DISSEMINATION:** The workshop was covered by the National radio, Programme “Khristo Botev”. Mr. Agema and Mr. Fordham were interviewed and the interviews were broadcasted via European radio network. Mr. Stark and Mr. Beschkov took part in a live 40-minute radio programme devoted on the problems of MWM and the WasteKIT contribution, which was aired on September 21<sup>st</sup>, 2011.

**FEEDBACK FROM PARTICIPANTS:** Selected participants (from the 5 focus groups) were asked for feedback. They all shared positive impressions from the event (scope, level and organization) and expressed their readiness to take part in further initiatives of this type.

**Appendixes:**

1. Event leaflet or any other form of announcement
2. Workshop programme
3. List of participants
4. Collected presentations
5. Pictures from the event