



Faculté des Sciences El  
Jadida



National Technical  
University of Athens

*Municipality of the Urban*

*Community of*

**AZEMMOUR**

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**WasteSum**



*Waste Management in Morocco*

**Development of Domestic Solid Waste Management Schemes  
for Small Urban Communities in Morocco**

**WASTESUM (LIFE06 TCY/MA/000254)**



**Deliverable 6:**

**Information on kick-off meeting**

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**JULY 2007**

**WasteSUM PROJECT**  
**Report on the Kick –off- meeting**

**Faculty of Sciences El Jadida, El Jadida Morocco**

**Date and location:** The official kick-off-meeting meeting of the WasteSUM Project was held in El Jadida in 11<sup>th</sup> of 2007.

**Participants:** 25 participants have attended the meeting, as listed below:

<b>Name</b>	<b>Organisation</b>
A. Elhachimi	Vice President, University Chouaib Doukkali
A. Belhaj	Secretary -General, University Chouaib Doukkali
A. Arbaoui	Vice Dean, Faculty of Sciences El Jadida
A. El Abouyi	Vice Dean, Faculty of Sciences El Jadida
M. El Baidori	Vice President, Municipality of Azemmour
M. Hardane	Secretary -General , Municipality of Azemmour
M. Loizidou	Professor, National Technical University of Athens
O. Assobhei	Professor, Faculty of Sciences of El Jadida
S. Bakkas	President, Association ANDALOUS
N. Brine	Regional Inspection of Doukkala Abda, Ministry of Regional Planning, Water and Environment
K. El Moutai	Vice President, Association ANNAMAE for Self-employment
S. Jemjami	Ministère des Affaires Economiques et Générale Déléguée auprès de Premier Ministre
M. Khaid	Vice President, Association GREPEN
M. Mountadar	Professor, Faculty of Sciences of El Jadida
B. Daraoui	Province of El Jadida
A. Ajjane	Professor, Faculty of Sciences of El Jadida
M. Rihani	Professor, Faculty of Sciences of El Jadida
A. Semlali	Professor, Faculty of Sciences of El Jadida
S. Etahiri	Professor, Faculty of Sciences of El Jadida

M. Kabil	Professor, Faculty of Sciences of El Jadida
J. Amine	Professor, Faculty of Sciences of El Jadida
F. Hanafi	Technician of laboratory, Faculty of Sciences of El Jadida
A. Hayani	Technician of laboratory, Faculty of Sciences of El Jadida
M. Mouna	Researcher, Ph. D. student, Faculty of Sciences of El Jadida
B. Bihaoui	Researcher, Ph. D. student, Faculty of Sciences of El Jadida
M. Chennaoui	Dr, Ministry for National Education, Higher Education, Management Training and Scientific Research.

The kick of Meeting started with a welcome speech and a briefing by Prof. O. Assohei. Then, the three Sessions took place, in the framework of the meeting, as described below:

**1<sup>st</sup> Session : Presentation of the beneficiary and the partners of the WasteSUM project (Chairman : Professor A. El Hachim)**

During the first Session of the kick-off-meeting, firstly, the participants introduced themselves. Then, representatives of the beneficiary and the partners of the project presented their institutions. In particular:

Professor M. Loizidou presented the profile and the activities that take place at the National Technical University of Athens (NTUA – Greek partner of the project), in general, and then the activities of the Unit of Environmental Science and Technology of the School of Chemical Engineering of the NTUA (research, education and training activities).

Then, Professor A. Arbaoui presented the profile and the research and education activities of the Faculty of Sciences of El Jadida (Beneficiary of the project)

Following, Mr M. Baidori presented the profile, the organization and the characteristics of the Municipality of Azemmour (Moroccan partner of the project).

**2<sup>nd</sup> Session : Presentation of the framework of the WasteSUM project (Chairman : Professor A. El Hachim)**

During this Session, Professor M. Mountadar presented the activities (Tasks) that are foreseen to be implemented for the development of the project as well as the objectives that must be achieved through its materialization.

Then, a detailed discussion took place on the development of the project and on the corresponding individual and overall targets that will be obtained. The representatives of the Regional and the National Authorities noticed that the problem of the generation of domestic solid waste in Morocco is a significant and of a high priority problem and they pointed out that the outcome of the project will be very useful for the country since it will contribute to the confrontation of this environmental problem.

The representatives of the beneficiary and the Greek partner underlined that the technical development of the project will provide tactile and integrated solutions in the problem of the generation and the management of the domestic solid waste in the country. This will be achieved via the development of all the appropriate guidelines and specifications for the application of a national strategy for the management of the domestic solid waste in Morocco, taking into consideration the actual needs and the characteristics of the country. Additionally, they noticed that the demonstration of the appropriate tools which will be developed through the project, at the Municipality of Azzemour (Moroccan project's partner) should be used as a guide for further applications in the entire country.

Finally, the representative of the Municipality of Azzemour mentioned that the demonstration application which is foreseen to take place at the Municipality will contribute significantly in the elimination of the inappropriate practices that are currently applied for the management of the domestic solid waste in the area as well as in the improvement of the quality of the environment and the living status of the people.

### **3<sup>rd</sup> Session : Establishemnt of the WasteSum project's Management and Steering Committee (Chairman: Professor O. Assobhei)**

During the third Session of the meeting, the Management Committee and the Steering Committee of the project were established.

The Management Committee consists of members of the beneficiary (Faculty of Sciences of El Jadida) and the two partners (National Technical University of Athens and Municipality of Azzemour) as presented below:

#### **Members of the Management Team**

<b>Name</b>	<b>Organisation</b>
O. Assobhei	Faculty of Sciences of El Jadida, Co-ordinator
M. Mountadar	Faculty of Sciences of El Jadida
M. Loizidou	National Technical University of Athens, technical responsible
S. Malamis	National Technical University of Athens
A. Papadopoulos	National Technical University of Athens
M. Baidori	Municipality of Azemmour
M. Hardane	Municipality of Azemmour

The Steering Committee consists of representatives of all the Moroccan actors involved in the field of the domestic solid waste, as presented below:

#### **Members of the Steering Committee**

<b>Name</b>	<b>Organisation</b>
A. ELHACHIMI	Vice President, University Chouaib Doukkali
M. EL BAIDORI	Vice President, Municipality of Azemmour
M. HARDANE	SECRETAIRE GENERALE, , Municipality of Azemmour
M. Loizidou	Professor, National Technical University of Athens
O. Assobhei	Professor, Faculty of Sciences of El Jadida
S. Bakkas	President, Association ANDALOUS
N. Brine	Regional Inspection of Doukkala Abda, Ministry of Regional Planning, Water and Environment
K. El Moutai	Vice President, Association ANNAMAE for Self-employment
S. JEMJAMI	Ministère des Affaires Economiques et Générale Déléguée auprès de Premier Ministre
M. Mountadar	Professor, Faculty of Sciences of El Jadida
B. DARAOU	Province of El Jadida

**4<sup>th</sup> Session : Discussion on the WasteSum project's Action plan (Chairman: Professor O. Assobhei)**

During the last Session of the meeting, the Action plan of the project was discussed in detail. The specific activities that must be implemented per Task and sub-task were analysed as well as the time-schedule for their effective and on time completion. Also, the allocation of the work was determined and the persons in charge were appointed for each Task, as illustrated in the following Table.

<b>Task</b>	<b>Persons in charge</b>
<b>Task A:</b> Assessment of the existing situation in Morocco concerning domestic waste generation and management	<b>O. Assobhei and M. Mountadar ( FSE)</b>
<b>Task B:</b> Development of a national plan concerning domestic solid waste management-Guidelines for the materialization of the appropriate management schemes	<b>A. Papadopoulos, J. Mergias (NTUA)</b> <b>A. Ajjane, M. Kabil and L. Semlali (FSE)</b>
<b>Task C:</b> Development of software tool to support waste management decision making	<b>C. Kyranoydis, J. Mergias (NTUA)</b>
<b>Task D:</b> Demonstration of the developed software tool for the management of waste in a selected region of Morocco	<b>S. Malamis, C. Kyranoydis, J. Mergias (NTUA)</b> <b>A. Ajjane(FSE)</b> <b>M. Baidori (Municipality of Azzemour)</b>
<b>Task E:</b> Environmental Impact Assessment (EIA) and Life Cycle Assessment (LCA)	<b>C. Koroneos, J. Mergias (NTUA)</b> <b>A. Jamal, M. Kabil, M. Rihani and A. Ajjane (FSE)</b>
<b>Task F:</b> Training and dissemination activities - Capacity building	<b>S. Etahiri (FSE)</b>
<b>Tâche G :</b> Management and reports of the EU	<b>A. Assobhei and M. Mountadar(FSE)</b> <b>M. Loizidou, A. Papadopoulos, S. Malamis (NTUA)</b>