



Preparation of project studies (FSs, EIAs, CBAs), design and tender documentation for establishing an integrated and financially self-sustainable waste management system in the east and northeast regions (*EuropeAid/136070/IH/SER/MK*)

**Contract number 12-9539/1**



FEASIBILITY STUDY FOR THE DEVELOPMENT OF AN  
INTEGRATED AND SELF – SUSTAINABLE WASTE  
MANAGEMENT SYSTEM IN EAST AND NORTHEAST  
REGIONS

Volume 4: Drawings

10<sup>th</sup> March 2017



This project is funded by  
the European Union

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**eptisa**

in consortium with EPEM SA



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### Document control sheet

Project Title:	Preparation of project studies (FSs, EIAs, CBAs), design and tender documentation for establishing an integrated and financially self-sustainable waste management system in the east and northeast regions
Reference No:	EuropeAid/136070/IH/SER/MK
Contracting Authority:	Central Financing and Contracting Department, Ministry of Finance
Beneficiaries:	Ministry of Environment and Physical Planning (MoEPP) Administration of Environment – Waste Management Department; Inter-Municipal Waste Management Board of the East Region; Inter-Municipal Waste Management Board of the Northeast Region Municipalities
Consultant:	Eptisa in consortium with EPEM SA
Document Title:	<b>Feasibility Study for the Development of an Integrated and Self-sustainable Waste Management System in East and Northeast Regions</b>
Document Short Title:	Feasibility Study / Drawings
Document Version:	1 <sup>st</sup> draft

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Date	09-03-2017	10-03-2017

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## List of Drawings

No	Drawing Code	TITLE	SCALE	TYPE OF DRAWING
1	GL-01	CENTRAL WASTE MANAGEMENT FACILITY (CWMF) GENERAL LAYOUT - START OF OPERATION	1:1000	GENERAL LAYOUT
2	GL-02	CENTRAL WASTE MANAGEMENT FACILITY (CWMF) GENERAL LAYOUT - END OF OPERATION	1:1000	GENERAL LAYOUT
3	GL-03	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - KUMANOVO	1:250	GENERAL LAYOUT
4	GL-04	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - RANKOVCE	1:250	GENERAL LAYOUT
5	GL-05	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - KOCANI	1:250	GENERAL LAYOUT
6	GL-06	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - STIP	1:250	GENERAL LAYOUT
7	GL-07	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - MAKEDONSKA KAMENICA	1:250	GENERAL LAYOUT
8	GL-08	LOCAL WASTE MANAGEMENT FACILITY (LWMF) GENERAL LAYOUT - BEROVO	1:250	GENERAL LAYOUT
9	S-01	TRANSFER STATION AREA TYPICAL SECTIONS - KUMANOVO	1:100	TYPICAL SECTION
10	S-02	TRANSFER STATION AREA TYPICAL SECTION - RANKOVCE	1:100	TYPICAL SECTION
11	S-03	TRANSFER STATION AREA TYPICAL SECTION - KOCANI	1:100	TYPICAL SECTION
12	S-04	TRANSFER STATION AREA TYPICAL SECTION - STIP	1:100	TYPICAL SECTION
13	S-05	TRANSFER STATION AREA TYPICAL SECTION - MAKEDONSKA KAMENICA	1:100	TYPICAL SECTION
14	S-06	TRANSFER STATION AREA TYPICAL SECTION - BEROVO	1:100	TYPICAL SECTION
15	D-01	LANDFILL - CELL LINING SYSTEM TYPICAL DETAILS	1:20 / 1:10	TYPICAL DETAIL
16	D-02	LANDFILL - FINAL CAPPING SYSTEM	1:20	TYPICAL DETAIL
17	D-03	LANDFILL - GROUNDWATER MONITORING BOREHOLE	1:20	TYPICAL DETAIL
18	D-04	LANDFILL - BIOGAS MONITORING BOREHOLE	1:20	TYPICAL DETAIL
19	D-05	LANDFILL - SETTLEMENT PLATE	1:10	TYPICAL DETAIL
20	D-06	CWMF - ADMINISTRATIVE BUILDING	1:50	TYPICAL DETAIL
21	D-07	CWMF - WEIGHBRIDGE BUILDING	1:50	TYPICAL DETAIL
22	D-08	CWMF - MECHANICAL BIOLOGICAL TREATMENT (MBT) UNIT	1:100 / 1:200	TYPICAL DETAIL
23	D-09	CWMF - MRF BUILDING GENERAL LAYOUT	1:100	TYPICAL DETAIL
24	D-10	LWMF - WEIGHBRIDGE, SANITARY AND WATER TANK CONTAINERS	1:50	TYPICAL DETAIL
25	D-11	LWMF - WASTE WATER COLLECTION TANK	1:25	TYPICAL DETAIL
26	D-12	ENTRANCE GATE AND FENCING	1:25 / 1:20	TYPICAL DETAIL
27	D-13	WEIGHBRIDGE	1:50	TYPICAL DETAIL

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