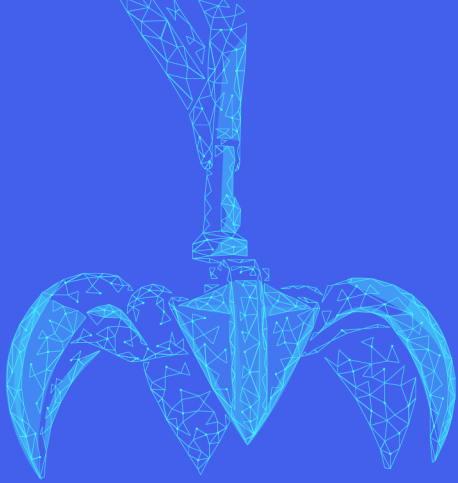


# WASTE MANAGEMENT



Enhanced and effective waste management serves the interests of the population by refining health and sanitation, while also improving environmental conditions and contributing to the resource efficiency. PMCG is keenly engaged in reforms and projects in this area, and we are certain that modernizing this sector brings a number of benefits to society, as well as, establishes economic and business prospects in waste treatment and recycling.

For governments, local municipalities, and funding institutions looking to accomplish strategic objectives to reach the national waste management strategy targets, we provide expertise and consultation of the highest quality to ensure the application of modern standards and technology for effective management of solid waste, biogas, leachate.

Specifically, PMCG partakes in the development of modern sanitary landfills, in devising performance management systems for waste management

services, in the creation of modern recycling systems, and in institutional development and capacity building.

PMCG covers the following areas under the waste management sector:

- Preparation of feasibility studies;
- Development of sanitary landfill designs;
- Implementation of modern recycling systems for different waste streams;
- Landfill biogas management;
- Implementation of waste composting systems;
- Elaboration of performance management systems;
- Landfill economics;
- Institutional development and capacity building;
- Preparation of environmental impact assessment (EIA) reports; and
- Supervision of construction of landfills.

## PROJECTS:

### Georgia:

#### **INTRODUCING PERFORMANCE MANAGEMENT SYSTEMS IN 23 MUNICIPALITIES (UNDP; 2019-2022)**

We partook in this project to develop and implement performance management systems for two municipal services across 23 municipalities of Georgia. It sought to establish such systems to enable local authorities to plan, manage, assess, and improve their service provision more effectively. Initially, performance management systems were piloted in eight municipalities, with a further 15 municipalities added in due course. Activities under this project are part of the UNDP project "Development of Performance Management System for Street Cleaning and Waste Management Services in 23 Municipalities of Georgia."



*Scan QR Code to arrange initial meeting with our team*

## Georgia:

### **KVEMO KARTLI SOLID WASTE MANAGEMENT PROJECT (EBRD; 2016-2023)**

PMCG, as a member of the consortium led by HPC AG, engaged in this project in various respects, including by assisting the PIU and lead municipality with project and financial management systems, Environment and Human Health, Safety, and Security (EHSS) management systems, as well as sketching a detailed design of the landfill, conducting all necessary environmental surveys and preparing Environmental and Social Impact Assessment (ESIA) documentation (e.g. water, air, biodiversity, and archaeological surveys) and other aspects of contract tender, evaluation, and supervision. Moreover, it provided assistance in procurement, as well as banking documentation and pertinent financial agreements. In more detail, PMCG prepared tender documentation, supervised contract administration.

## Georgia:

### **DEVELOPMENT OF POLICY WORKING GROUPS AND ENGAGING THE GOVERNMENT OF GEORGIA AND POLITICAL PARTIES IN THE DEVELOPMENT OF ECONOMIC PLATFORMS (USAID; 2020-2022)**

The project was undertaken as part of the USAID Economic Security Program, seeking to boost the creation of well-paid jobs, to attract investment, and to increase business revenues in various sectors including solid waste management. For this sector, as well as several others, the project entailed forming thematic working groups, reviewing the sector's ecosystem to clarify central economic aspects, and devise a policy brief to be added to the "Compendium of Policy Briefs in Support of Key Economic Sectors and Value Chains."

## Georgia:

### **INTEGRATED SOLID WASTE MANAGEMENT PROGRAMME II (KFW; 2019-2023)**

PMCG, as part of a consortium led by Fichtner, is implementing an accompanying measures consultancy service under the the KFW Development Bank's ISWM program II for two Georgian regions (Kakheti and Samegrelo-Zemo Svaneti). It involves the establishment of sanitary landfills at regional level as well as transfer stations, closing outdated landfills, expanding street sweeping coverage, waste collection and transport, and recycling and composting pilot projects. We cooperate with local municipalities and offer consultancy services to enhance managerial capabilities in terms of institutional, organizational, and financial matters, as well as carrying out PR and communications measures.

## Georgia:

### **TECHNICAL ASSISTANCE FOR GAS FLARING SYSTEM SELECTION AND CONCEPTUAL DESIGN TO RUSTAVI SOLID WASTE PROJECT (EBRD; 2018)**

PMCG partook in a project to implement a gas flaring system and submit a conceptual design to the Rustavi Solid Waste Project, the primary goal of which was to lower air pollution. As part of consortium headed by HPC Paseco, under an EBRD project, PMCG participated in the conduction of a baseline study on the status of closed landfills, selected an appropriate flaring system, predicted landfill gas (LFG) generation rates, evaluated the feasibility of installing and operating a combined heat and power (CHP) unit, and prepared a detailed design of collection, transmission, treatment, and final flaring and/or power production units.

## Georgia:

### **INTEGRATED SOLID WASTE MANAGEMENT PROGRAMME IN SELECTED REGIONS IN GEORGIA – ELABORATION OF A FEASIBILITY STUDY (KFW; 2015-2016)**

PMCG, as part of a consortium led by Infrastruktur & Umwelt and with REC Caucasus, worked to prepare a feasibility study on the development of integrated solid waste management systems for Kakheti and Samegrelo-Zemo Svaneti regions. It examined the technical, financial, institutional, and socio-economic framework and put forward an integrated solid waste management (ISWM) concept, along with relevant services and an outline of the potential to reduce GHG emissions.

Moreover, PMCG undertook financial analysis of the status quo, assisted in forecasting costs of suggested measures, prepared a financing scheme, examined the institutional and organizational framework, and prepared, with the helped of the international expert, a relevant concept accordingly.



Scan QR Code to check our work



Scan the link to join our network of development professionals