



## I.FRANTZIS & ASSOCIATES LTD.

“Environmental Solutions... Our job!”



# BRIEF DESCRIPTION OF I. FRANTZIS & ASSOCIATES LTD.

**I.FRANTZIS and ASSOCIATES Ltd. is an Environmental Consulting Company, based in Athens, Greece**

**I.FRANTZIS and ASSOCIATES Ltd. provides a broad range of services on:**

- Solid Waste Management**
- Environment**
- Energy**
- Engineering and Project Management**



**...starting from conceptual design, up to construction supervision and client's training on project implementation and operation...**

# BRIEF DESCRIPTION OF I. FRANTZIS & ASSOCIATES LTD.

**“At I.FRANTZIS and ASSOCIATES Ltd.,  
we provide fully integrated technical solutions  
to the waste sector serving both Greece  
and specific international markets.”**

- **Highly professional and trained staff**
- **ISO 9001:2015 standard for quality  
management system**
- **ISO 14001:2015 standard for environmental  
management**



# BRIEF DESCRIPTION OF I.FRANTZIS & ASSOCIATES LTD.

**“For more than 20 years, our waste management team of engineers, environmental scientists and planners, has helped customers develop the business opportunities in the Solid Waste Sector while protecting communities and the natural environment.”**



# OUR APPROACH OF THE PROJECT

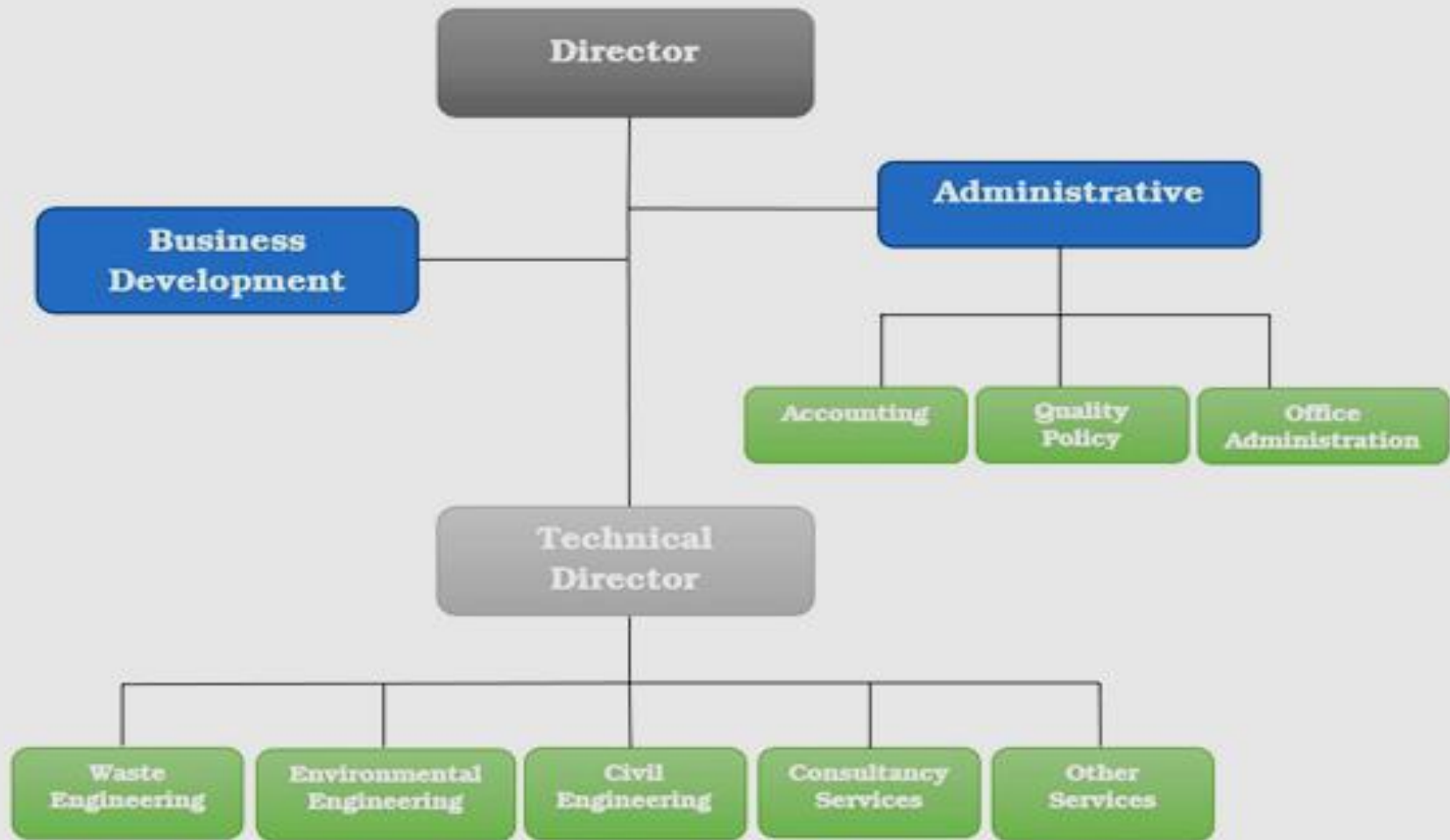
- **Analyze the parameters of the solid Waste Project**
- **Assessment of the all potential technologies that may be incorporated in the Project**
- **Formation of the Project's alternative mass and energy balances**
- **Formation of the Project's alternative flow diagrams**
- **Estimation of the Capital Expenditure (capex) & operating Expenditure (opex) of alternatives technological approaches**
- **Identification of the technology/combination of technologies that will be finally incorporated in the Project**
- **Conceptual and preliminary design of the Project**
- **Project's financing modelling, based on the above findings**
- **Design (final & detailed) of the project**
- **Determination of the technical specification(specs) of every element of the project**
- **Additional items for the successful implementation of the Project**



# INTERNATIONAL EXPERIENCE



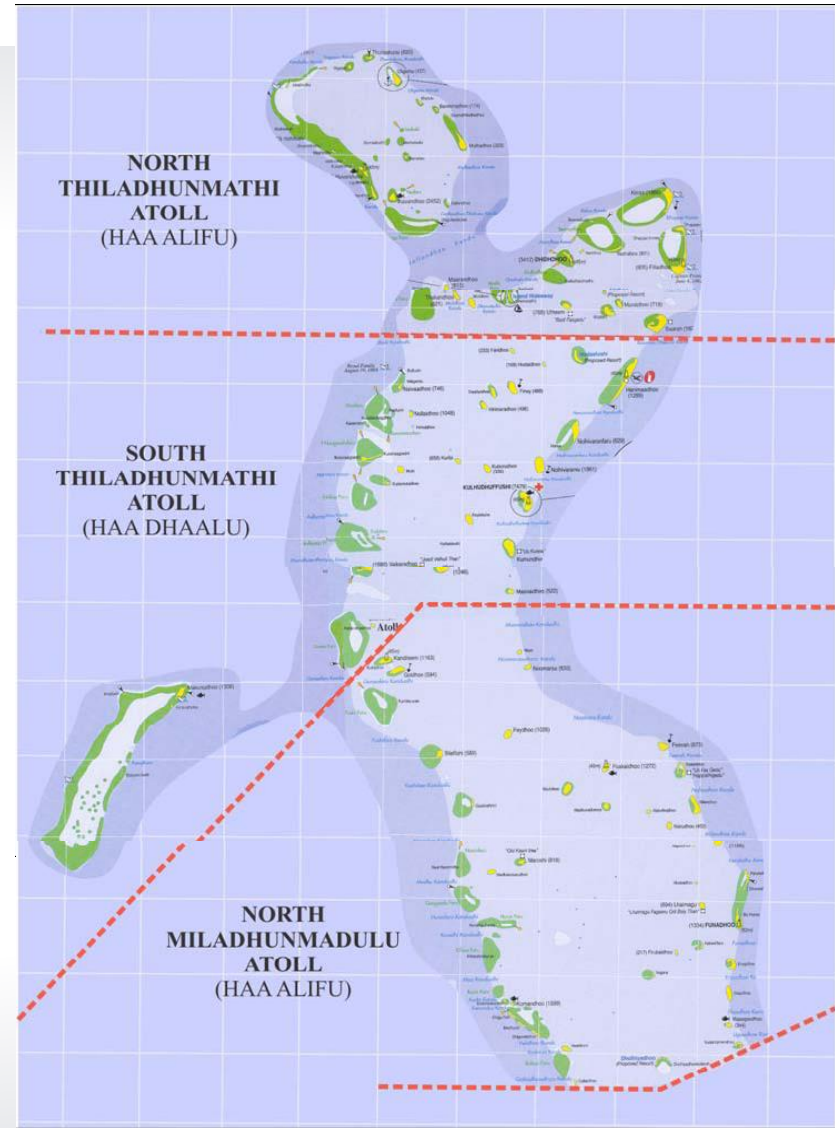
# ORGANIZATION CHART



# INTERNATIONAL EXPERIENCE

**Project Title:** Consultancy Services for Technical and Financial Feasibility Study for the Regional Waste Management Project in Zone One – Haa Alifu, Haa Dhaalu & Shaviyani atolls, **MALDIVES**

The project purpose is the preparation of a waste management plan as well as preparation of Feasibility Study, Cost-Benefit Analysis, Environmental Impact Assessment, Detailed Design for the Regional Waste Management Facility, Tender Dossiers for works and supply contracts for construction of selected waste treatment and disposal facilities and for supply of equipment for waste collection, transferring and treatment of waste according to the national and international standards and assistance during tender, evaluation and award stage.





# INTERNATIONAL EXPERIENCE

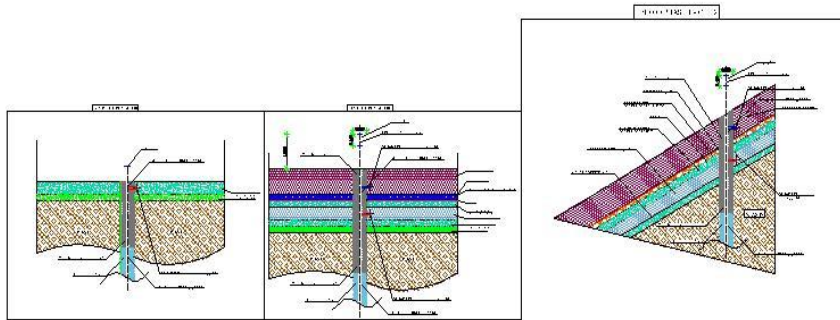
**Project Title:** Technical Advisor to the Ministry of Interior of Cyprus for the Construction of the Waste Treatment Plant And the Landfill Site in Nicosia District, **CYPRUS**



The projects' purpose is the preparation of all relevant studies and other documentation which are required for the construction and operation of an Integrated Waste Management Facility in Nicosia District, and the supervision of construction works.

# INTERNATIONAL EXPERIENCE

**Project Title:** Landfill Gas Recovery and Power Generation System at the Existing Ghabawi Landfill, Amman - **JORDAN**



The project concerns the **Design, Build and Operate** a solid waste disposal facility consisting of landfill gas recovery and power generation system at the Existing Ghabawi landfill in Amman in Jordan and falls under the umbrella of the Amman Solid Waste Management Project (ASWMP) which involves a Specific Investment Loan (SIL) to Greater Amman Municipality (GAM) by the International Bank for Reconstruction and Development (IBRD), World Bank. The project includes the design, supply, installation, commissioning and initial operation for 5 years of a LFG recovery and power generation system for cells # 1, 2, and 3 at Al Ghabawi landfill. The project also includes the final capping of the cells as well as measures to maximize the LFG recovery.

# INTERNATIONAL EXPERIENCE

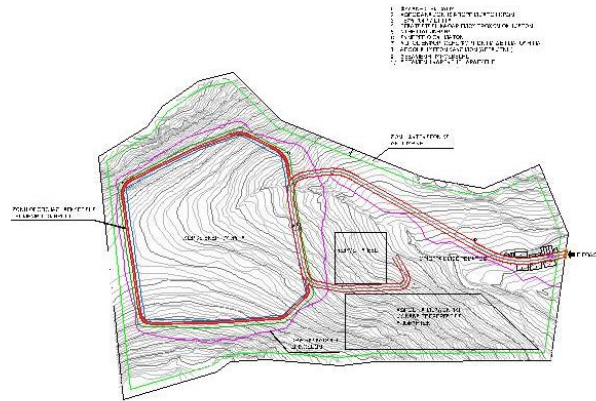
## Project Title: Landfill construction for waste treatment at Durres District - ALBANIA



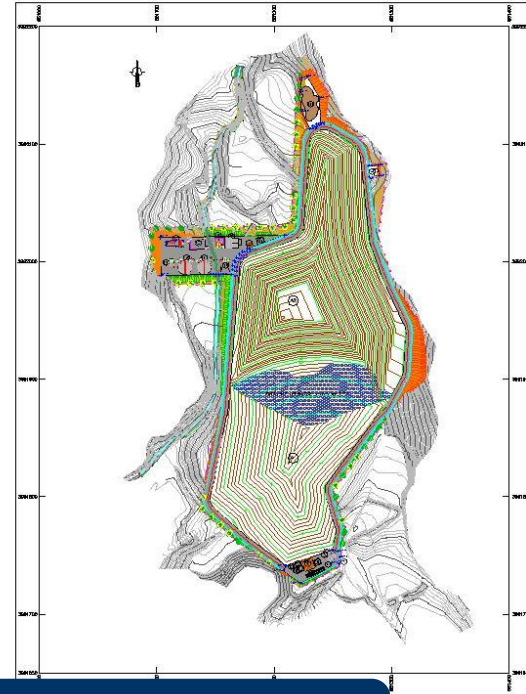
The whole project refers to the construction of a facility for waste treatment and disposal of Durres district. A definitive factor is the compliance with European Directives concerning waste management and the objectives set therein.

The general scope of the Project is the construction and operation - for 30 years - of a landfill for waste treatment of Durres district

# INDICATIVE DESIGNS OF LANDFILL SITES



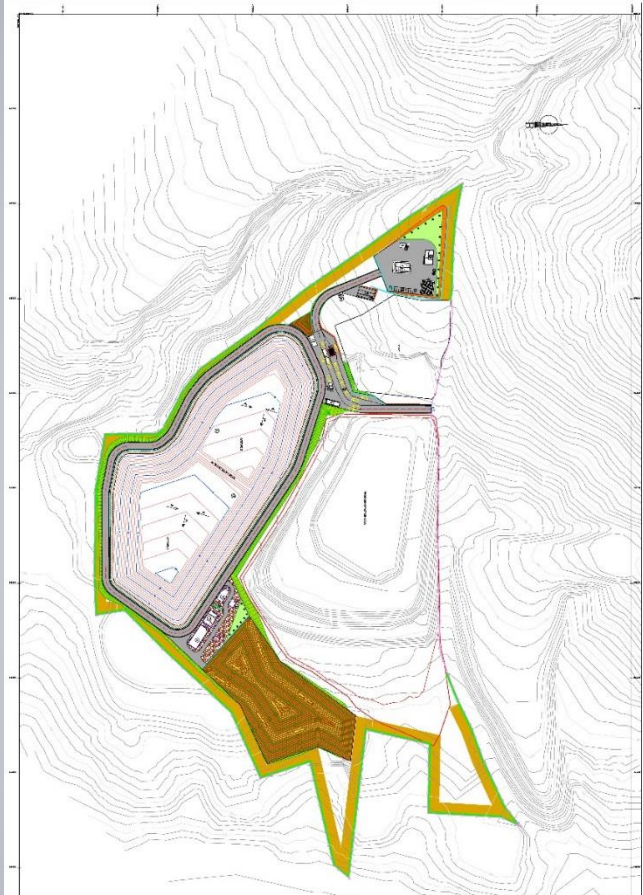
**DESIGN OF LANDFILL SITE IN  
THE ISLAND OF NAXOS**



**DESIGN OF THE LANDFILL SITE OF  
SOUTH RHODES**



# INDICATIVE DESIGNS OF LANDFILL SITES



**DESIGN OF THE LANDFILL SITE  
OF ALEXANDROUPOLI**



**DESIGN OF THE LANDFILL SITE  
OF IOANNINA**

## **I. FRANTZIS & ASSOCIATES LTD.**

For more information visit our site:

<http://www.i-frantzis.com/>