



## INTERMEDIATION, DISPOSAL AND SALE OF WASTE



*COMPANY PROFILE*



# The group

**RDK Global Service Sp. z o.o.**, is a Polish company, specialized in the sector of waste brokerage, disposal and sale, together with the Italian partner **RDK Global Service Srl** they create a synergy between Italy and foreign countries.

The shortage in Italy of plants for the final treatment or thermal destruction and energy recovery of some types of waste, accentuated in recent years by an emergency situation in finding **reliable channels for waste disposal**, has led the RDK Group to seek valid solutions for the export of waste.

The company is a liaison figure between the main subjects involved in waste management (Producer / Holder - Transporter - Final recipient), aimed at guaranteeing the customer the best service he needs. It provides the commercial waste brokerage service, with the aim of supporting customers in choosing the best solutions for managing hazardous and non-hazardous waste and sending them to their final destination.

The company is in possession of the necessary authorizations for the intermediation of waste; **RDK Group** offers, with its technical structure, the highest skills in waste classification and characterization activities, making use of trusted external laboratories, all with the **widest certifications and accreditations in the sector**.

**RDK Group** has signed various contracts, some of which with an exclusive clause with important companies, owners of plants for energy recovery and final disposal of waste.

Thanks to these conventional relationships with the most important national and international waste recovery and disposal installations, RDK Global Service is able to identify **the best solution for the final destination** of any type of waste, both dangerous and non-dangerous.



OFFICE IN GENOA



## ENHANCE THE ENVIRONMENT

**RDK Global Service** collects, treats and transports hazardous and non-hazardous industrial waste through an intermediary activity that supports many companies in the sector **in Europe and abroad**.

Our aim is to carry out, together with our customers, a **modern path** of economic development compatible with the protection of the environment.

We are specialized in exports, also as notifiers if necessary, in consulting and in the entire management of the disposal and enhancement of each type of waste, offering a complete package to companies.

We follow the cross-border transport of waste to selected installations within and outside the European community, at: **cement plants, waste-to-energy plants, landfills, treatment and recovery plants, pyrolysis installation**.





# Our services

## Waste management

We take care of the disposal, recovery and entire management of waste, always offering the best solution according to the different types. Through years of experience, we have selected plants **within and outside the European community** that treat hazardous and non-hazardous solid and liquid waste.



## Cross-border transport by sea

We avail ourselves of the collaboration of important shipping companies with ships starting from **3000 up to 25.000 Tons**.



## Cross-border land transport

**RDK Global Service** offers cross-border waste transport services, making use of multiple national and international transport companies, guaranteeing that the transport companies, we collaborate, are in possession of all the necessary authorizations and guarantees for the transport of hazardous waste and not, both in liquid and solid and bulk form.

## The operational activity is divided into 5 different phases:



### RECEIVING REQUESTS FOR TREATMENT AND DISPOSAL

Formulation of an economic offer to the customer; opening the order; requests for offers are checked by the technical office made up of specialized personnel. Stipulation of contracts for the treatment and disposal of waste. Delivery to the customer of the authorization of the destination plant and the transporter.



### SITE INSPECTION

We proceed with the visual control of the waste, quantities and characteristics; verification of the production process that generated the waste; taking a sample and chemical analysis to be taken to the destination for the necessary admissibility tests in the installation.



### VERIFICATION

Verification of the correct classification of the waste (CER), control of the analysis of the waste and the correctness of the limit parameters according to the destination, with technical sampling tests together with the technicians of the same.



### NOTIFICATION OPENING

Opening of the export procedure by the producer / holder of the waste. If necessary, RDK Global Service will prepare waste management practices as notifiers along the entire supply chain regarding the bureaucratic, authorization, logistical and administrative process.



### DESTINY START OF REFUSAL

Waste collection with many authorized companies and with a large fleet of vehicles. Assistance during the management phases up to the arrival of the waste at the destination plant, sending a copy of the closing documentation of the supply chain and invoicing.



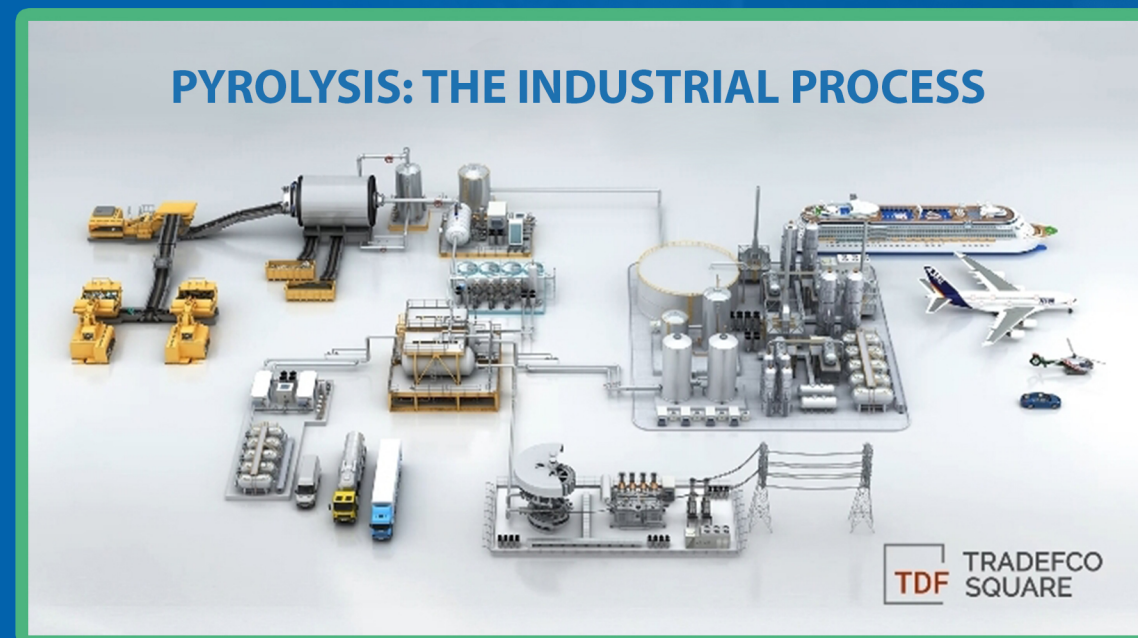
# New life for waste!

## Energy and environmental protection

**RDK GLOBAL SERVICE GROUP**, is building the first installation in Croatia for the recovery and transformation of hazardous and non-hazardous waste, such as tires, oil sludge, bituminous sheath, plastic and rubber and other waste, using the continuous pyrolysis method.

Currently, the company's main goal is to build a 4-reactor plant by 2021 that will allow it to transform at least **100,000 tons of waste a year**.

An eco-sustainable future is the reason that pushed and committed RDK Group to develop a project for a new Pyrolysis plant in Croatia, with **Green Technologies** and innovative solutions to the market.



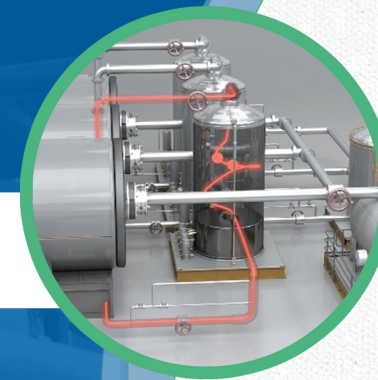
THE FUTURE PYROLYSIS PLANT IN CROATIA

The pyrolysis plant designed and built by **Tradefco Group**, allows to convert industrial waste and waste into bio-fuel and energy through a pyrolysis process.

The result of the recovery process is **pyrolysis oil**, sometimes also known as bio-crude or **bio-oil** is a synthetic fuel under consideration as a substitute for petroleum. It is obtained by heating the dried biomass without oxygen in a reactor at a temperature of about 500° C with subsequent cooling.

Thanks to the commitment and professionalism of a team of professionals, we have achieved the goal, now we just have to continue this path confident that we have set a milestone in the waste recycling sector, a sign of **great attention to the environment**. Given the imperative need to find new solutions for the reuse of waste at the end of its "life".

PYROLYSIS REACTOR WITH INERT EXTRACTION SYSTEM BURNER



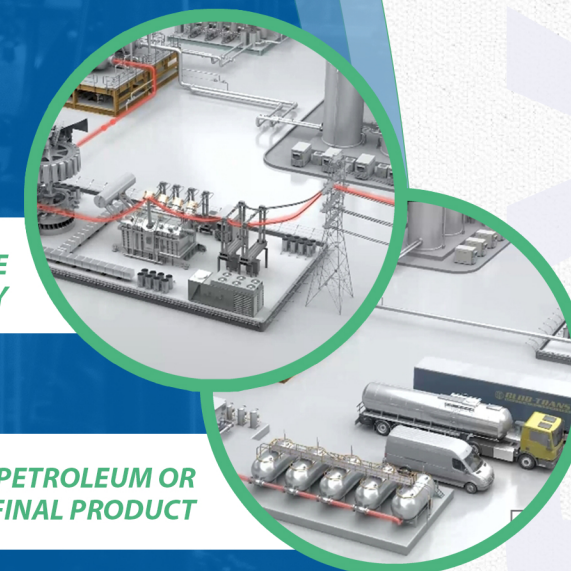
COOLING AND WASHING SYSTEM AND PYROLYTIC GAS



ACCUMULATOR FOR THE TEMPORARY STORAGE OF CLEAN SYNGAS



GENERATOR FOR THE PRODUCTION OF ELECTRICITY



ORGANIC PETROLEUM OR BIO-OIL FINAL PRODUCT





# RDK

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