



University of Nairobi
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**Subject : Landfill Mining & Drinking Water Project MPI Kenya
Dandora Dumpsite Area, about € 65 million project-value.**
**Ref : Prof. P. Mbithi – University of Nairobi, Kenya
Mr. Marten Barel, UNDP Consultant, Partner in MPI, Kenya.
Mr. Bart Rozeboom, CEO of Global Plastics Recycling, Kenya.**
Date : November 14th. 2008
**Our Ref. : Multi Purpose Industries, The Netherlands
Mr. Wim Hoppenreijts, CFO-MPI
Mr. Ton Koens, CTO-MPI
Mr. Pieter Rem, Business Development Manager MPI & Dynova**

Oldenzaal, November 14th. 2008

Dear Professor Mbithi,

As a result of multiple presentations of Multi Purpose Industries “Global Proposal for Kenya” to several government officials and ministers in Nairobi, The Netherlands and many other officials worldwide, February till September this year, resulting in high interest for future developments in and around landfills and dumpsites and specifically the Dandora Dumpsite in Kenya, our representative and business partner in Kenya: Mr. Marten Barel will arrive in Nairobi Saturday the 15th. 2008. Mr. Barel has planned meetings with both the Minister of Environment and the Minister of Public Health in the weeks following in order to present and explain the possibilities and impact of Multi Purpose Industries approach for Kenya. The main issues during this meetings will be:

1. the proposal for MPI’ “Mobile Drinking Water”-project, resulting in some 50 – 100 semi-mobile drinking water production units with a capacity of 40.000 litres of Drinking Water per day/per unit, spread all over Kenya in the next 2 – 3 years.
This includes the founding of a dedicated construction- and maintenance company in/near Nairobi including instruction and schooling facilities in order to assure proper functioning of the units on site in and around Kenya as well as the availability of well trained local employees on a long term bases (minimum for 10 years).
The value of this (sub)project estimates roughly € 3,5 million.
2. the proposal for MPI’ Landfill Mining and Sanitation of Dandora Dumpsite including all social and economical spin off effects. See attachment “Global proposal for Kenya”.
This includes all aspects as mentioned including instruction and schooling facilities in order to assure proper functioning of the MPI-Landfill Mining Unit(s) on site in and around Kenya as well as the availability of well trained local employees on a long term bases (minimum for 10 years). The value of this (main)project estimates roughly between € 55 and € 65 million.

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Multi Purpose Industries, would highly appreciate your involvement and expertise in the planning and preparation of the projects at hand. Your presence and assistance during the meetings with the ministers involved as well as other officials like the Mayor of Nairobi and other towns in Kenya might be of great importance for successful implementation of our projects in Kenya and other African countries.

We suggest Mr. Marten Barel to contact you shortly after his arrival and follow up developments from there.

On the other hand you might contact the ministers involved upfront and prepare any proceedings necessary, thus communicating your advise to Mr. Marten Barel in Kenya and preferably also to MPI' Management Team in The Netherlands. (by e-mail: w.hoppenreijs@mpi-group.eu)

Of course you have an option to play an important long term role in the projects and developments mentioned as consulting project partner provided you and your network including the University of Nairobi can make useful contributions to the projects themselves and the developments there after. MPI' projects generate many opportunities for both scientific and practical involvement for students and scholars in virtually all fields imaginable....

Undependable information acquired trough the European Union, The Kenyan Government, The Dutch Government and the Dutch trading community in Africa as well as dedicated internet search indicated the Dandora Dumpsite area as extremely poor with a massive unemployment rate. Also the availability of safe drinking water including sanitation facilities (Sewer-systems) are rather poor around Dandora and in Kenya in General. Visits to the area corroborated these findings.

All the in these project involved partners subscribe our Social Sustainable Business model and have expressed their intention for local development as a mayor issue.

Of course the projects have to generate a positive cash flow (no profit, no business) but we honour the PPP(P)-principle (People, Planet, Profit and Pleasure).

These projects consists of:

- Investment of approximately € 65 million in Kenya by the several project partners.
- Full cooperation from the Kenyan Authorities, the Dutch Authorities and the European Authorities as well as several important NGO's.
- Contracts with the Kenyan Government and the City of Nairobi in order to secure the waste material flow for a minimum period of 10 years, in order to be able to write down the intended investments in an economical sound manner, presumably between 4 and 6 years.
- Additional contracts with other landfills in the area and possibly duplication(s) of the project in other places in Kenya and Africa in general.
- Contracts with local customers for delivery of electricity, heat/cooling, heating oil, drinking water, sewage processing facilities and other products.
- All official permits needed for collecting, receiving and industrial processing of waste materials and the production, marketing and sales of drinking water and equipment in the areas involved.
- Application for grants both in Kenya and The Netherlands.
- Application for grants in Brussels (EU) in accordance with the political development targets as set by the European Commission for the East African area.
- Establishing a Nairobi based corporation like a Dutch BV (=Company limited by shares)

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- Organizing the necessary funding from our Dutch network and partners and finally:
- Built the technical installation(s) on the sites involved and get them operational.

When realized, these projects may lead to:

- Processing of some 500.000 Tons of waste material from the areas involved per year into: electricity, heating-oil, diesel fuel, drinking water and other products thus preventing dumping in the area, landfills or sort like and preventing massive CarbonDioxide (CO2) emissions caused by the gradually decomposition of waste, when dumped.
- Some 550 – 700 New permanent Jobs and 15 – 25 Study- end Learning places per full scale waste processing unit.
- Production of approximately 40.000 litres of Drinking water per day, available for local use, per single “Mobile Water Unit” installed.
- Additional sewage processing capacity of some 20.000 – 25.000 Ton per Year as co digestion material on top of the digestion of the soft green residue from trees and scrubs as result of agricultural activities and public city management of Nairobi town.
- Production of approximately 5.5 mW electricity on a continues base, available for the public grid per MPU (= full scale waste processing unit).
- Production of approximately 8.400 Ton of Heating Oil, available for general purposes or power generation or app. 5.200 Ton of Diesel Fuel if the produced Heating Oil is subject to advanced additional treating (dehydration, hydrogenization, advanced filtering and desulphurization) per MPU.
- Production of approximately some 4.8 mW of Heat needed for the internal processes in the plant, however any surplus of heat energy or cooling capacity can be made available for other local purposes.
- Several spin off effects like developing of local industrial activities due to permanent maintenance and future expansion of the various installations.
- Social spin off effects depending on local available hotels, restaurants, catering and such.
- Possible new business opportunities like vegetable- and fish farming on industrial bases due to available surplus heat, electricity, water clearing capacity, additional sewage capacity and so on.
- Dedicated schooling projects for the (future) employees and their children.
- Housing developments for the (future) employees and their children.
- Possible cooperation with the university of Nairobi enabling students and knowledge exchange programs with other Multi Purpose Industries projects and supporting Universities worldwide.
- An international demonstration status of this project in general, thus generating large worldwide attention leading to regular visiting parties to the Nairobi area stimulating a cash flow from abroad into Kenya.
- Other effects not taken into consideration for now.

Again, Multi Purpose industries would be very pleased with your support.
Of course we are also eager to hear your advise in this matter.

Please, lead this information further in due channels so that you/we can proceed to organize the project(s) in the next few months.

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Upfront, thank you for your support,

Yours sincerely,

Wim Hoppenreijs

CFO MPI-Management BV

Ton Koens

CTO MPI-Management BV

“To Make the Planet Cleaner”

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