

### DEGREMONT

183, avenue du 18 juin 1940 - 92508 Rueil-Malmaison Cedex - France  
tél 33 (0)1 46 25 60 00 - fax 33 (0)1 46 25 67 94  
[www.degremont.com](http://www.degremont.com)

## Degrémont wins African contracts worth 100 million euros

Friday 3 June 2005. Since January, Suez Environment subsidiary Degrémont has won seven contracts for building and operating water treatment facilities in Africa, for a total of over 100 million euros. One is for Morocco's largest urban wastewater treatment plant. The others are for drinking water facilities in Algeria, Tanzania, Congo and Nigeria. These contracts are mainly financed by international financial institutions such as the World Bank, the European Investment Bank and French or other development funds.

In Marrakech, Degrémont is to build and operate the first wastewater treatment plant in Morocco to be self-sufficient in energy. It will treat wastewater from a population-equivalent of 1 million and will cost 20 million euros to build. It will use a simple, efficient water treatment process and will run on biogas energy generated from the waste biosolids. By coupling urban sewage treatment with self-sufficiency in energy, the plant design perfectly embodies the principles of sustainable development – an excellent solution for African towns that need urban wastewater treatment facilities with lower operating costs.

In Tanzania and Algeria, Degrémont has signed three contracts to built drinking water production facilities, at Mwanza in Tanzania (100,000 m<sup>3</sup>/d for 15 million euros) and in Taksebt (605,000 m<sup>3</sup>/d for 38 million euros) and Athmania (262,500 m<sup>3</sup>/d for 24 million euros) in Algeria. The Algerian facilities will supply part of Algiers, and the city of Constantine, respectively..

Degrémont has also won three other contracts to upgrade existing drinking water facilities, at Ibadan in Nigeria (three facilities, total 120,000 m<sup>3</sup>/day for 14 million euros), Kinshasa in Congo (two facilities, total 220,000 m<sup>3</sup>/day for 7 million euros) and Dar Es Salaam in Tanzania (three facilities, total 279,000 m<sup>3</sup>/day for 7 million euros).

The new contracts illustrate the diversity of Degrémont's business areas (construction, upgrading, operation, equipment) and expertise (drinking water, sewage treatment, sludge and biosolids, desalination), and its ability to adapt its offering to customers' requirements in any part of the world. Degrémont's offering is particularly suitable for African municipalities keen to move quickly ahead towards their Millennium development goals for water supply and sanitation.

## THE DETAILS

### **MARRAKECH – Morocco**

Type of contract: Design, Build, Operate (DBO) (5 years' operation)

Type of plant: 1 urban wastewater treatment facility

Capacity: 1 million eq.inhab.

Customer: RADEEMA (Marrakech water and electricity authority)

Degrémont share: 9 million euros

Water treatment chain: sand and grease removal, primary settling

Sludge treatment chain: thickening, digestion, storage, belt filters, removal

Delivery: 18 months

– Finance: European Investment Bank

Notable feature: energy self-sufficiency

### **MWANZA – Tanzania**

Type of contract: Design, Build, Operate (DBO) (6 months' operation)

Type of facility: drinking water production facility

Capacity: 100,000 m<sup>3</sup>/day

Customer: Mwanza Urban & Sewerage Authority

Degrémont share: 15 million euros

Treatment chain: Aquazur V sand filters

Delivery: 24 months

Finance: 80% by the European Development Fund (EDF), 20% by the German fund KfW.

### **TAKSEBT – Algeria**

Type of contract: Design, Build, Operate (DBO) (5 years' operation)

Type of facility: drinking water production facility

Capacity: 605,000 m<sup>3</sup>/day

Customer: SNC Lavalin, a Canadian company holding a water transfer contract for the Algeria's Agence Nationale des Barrages (national reservoirs agency)

Degrémont share: 38 million euros

Delivery: 37 months

### **ATHMANIA – Algeria**

Type of contract: Design, Build, Operate (DBO) (5 years' operation)

Type of facility: drinking water production facility

Capacity: 262500 m<sup>3</sup>/day

Customer: Constantine branch of the national water authority Algérienne des Eaux (population 1 million)

Degrémont share: 24 million euros

Treatment chain: pre-ozonation, pulsator, nitrazur, post-ozonation, activated carbon

Delivery: 22 months

Finance: Islamic Development Bank

### **IBADAN – Nigeria**

Type of contract: Rehabilitation

Type of facility: Three drinking water production facilities

Capacity: 120,000 m<sup>3</sup>/day

Customer: Water Corporation of Oyo State

Amount: 14 million euros

Treatment chain: pre-ozonation, pulsator, nitrazur, post-ozonation, activated carbon

Delivery: 22 months

Finance: African Development Bank

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### **KINSHASA – Congo**

Type of contract: Rehabilitation

Type of facility: Two drinking water production facilities

Capacity: 2 modules de 80,000 m<sup>3</sup>/day et de 140,000 m<sup>3</sup>/day

Customer: REGIDESO (Kinshasa water authority)

Degrémont share: 7 million euros

Delivery: 18 months

Finance: World Bank (Emergency Multisector Reconstruction and Rehabilitation Programme (EMRRP))

### **DAR ES SALAAM – Tanzania**

Type of contract: Rehabilitation

Type of facility: Three drinking water production facilities

Capacity: 180,000 m<sup>3</sup>/day – 90,000 m<sup>3</sup>/day – 9,000 m<sup>3</sup>/day

Customer: Dar Water & Sewerage Authority (DAWASA)

Degrémont share: 7 million euros

Treatment chain: Addition of a Pulsator clarifier and grit removers

Finance: European Investment Bank

***Within SUEZ Environnement, Degrémont is the water treatment plant specialist. In 2004, the work of 3 500 men and women in over 70 countries generated revenues of 0.8 billion Euros.***

*SUEZ ENVIRONNEMENT, a division of SUEZ, provides equipment and services that protect the environment and deliver the essentials of life. Its activities include drinking water production and distribution, wastewater collection and treatment, and waste treatment and recovery. Through its three international brands, Ondeo (water distribution), Degrémont (water treatment plants) and SITA (solid waste management), SUEZ ENVIRONNEMENT employs over 72 780 people worldwide and in 2004, generated turnover of 11.4 billion euros.*

Press contact: Sabine Rous: 33 (0) 1 46 25 61 60  
Pierre-François Moizan: 33 (0) 1 46 25 63 68