

December 2007

A good end to the year for Sogreah's European subsidiaries

Sogreah Cyprus, created in 2003, won a major contract to supply engineering services for the project to convert the former open-pit mine in Limni on the western side of the island into a tourist attraction.

Sogreah Enviro-Asist, the group's Romanian subsidiary, performed the pre-construction environmental audit of Renault's new testing site at Titu, about 50 km from Bucharest, in collaboration with Sogreah-Magelis.

Lastly, at the end of the year Sogreah Polska, created in 2005 and based in Warsaw, also signed two major contracts concerning flood control in the upper Oder basin upstream of Wroclaw: studies for the modernisation of the Nysa reservoir and the associated flood control infrastructure, and for the renovation of the flood defences in the Klodzko valley.

Sogreah conducts technical and environmental audits for private banks

At the end of the year, Sogreah was appointed by three private banks to conduct technical and/or environmental due diligence audits of a waste incineration plant and a solar power plant in Western Europe and a wastewater treatment plant in the Middle East. Sogreah offers banks an alternative to the specialist English-speaking consultancies.

November 2007

The Sogreah Group continues to expand in the Gulf states

Our subsidiary **Sogreah Gulf**, created in 2003 and based in Dubai (UAE), is developing its activity mainly in the maritime engineering field on projects for private-sector clients. With its staff of 15 senior engineers, Sogreah Gulf is providing engineering services for several major residential and tourism development schemes (Coconut Island, Salam Beach Resort, Jumeirah Beach and Palm Deira, UAE, North Bahrain New Towns in Bahrain). Sogreah Gulf is also involved in port engineering projects (Bal Haf LNG in Yemen, Fujairah in the UAE). Lastly, Sogreah Gulf is working alongside Sogreah in several projects funded by Gulf states in North Africa (Bouregreg development scheme in Morocco and Tunis South Lake project in Tunisia).

In **Oman**, Sogreah has developed extensive activities in the fields of flood protection structures and groundwater recharging. Current projects include design studies and works supervision for several dams, notably near Salalah and Muscat, and other projects are due to be started up in the near future. In addition to our Branch Office, a permanent team has now been set up in Muscat. Furthermore, our subsidiary CLI recently signed several licence agreements and technical assistance contracts in Oman for the implementation of single-layer breakwater protection blocks (Accropode™, Core-Loc™).

Sogreah is also continuing to develop in **Qatar** and a Branch Office is currently being set up. Major projects being implemented include engineering services for the Ras Laffan major industrial port and the Qatofin industrial terminal, and the national water resources master plan. Sogreah has just been appointed to rehabilitate eight groundwater tapping facilities with potential for use as backup water resources for the country, as an alternative or complement to desalination.

Lastly, Sogreah is continuing to provide assistance to the **Gulf Cooperation Council** with the feasibility study of water grid.

A subsidiary in Morocco

Sogreah set up a subsidiary in Morocco in summer 2007. Sogreah Morocco had been in existence for many

years but without any personnel. Sogreah has now decided to strengthen its local presence to support booming activity in most of the group's fields (maritime engineering, urban development, urban environment, water resources management, flood protection). This is the group's ninth international subsidiary.

Sogreah China accompanies European industrial groups in China

Sogreah China (25 people in Guangzhou, Shanghai, Beijing and Chongqing) recently signed several contracts to assist European industrial groups with the development of their production sites in China (notably technical and environmental audits, CDM project feasibility and renewable energy studies).

The Chessel consultancy joined the Sogreah Group on 31 October. This consultancy was created in 1988 and carries out most of its work in the north of the Isère département. Its core business is the provision of design and project management services for local authorities in the fields of drinking water, wastewater and sewerage.

Sogreah attended the following **events**:

- Annual conference of the International Association of Hydrogeologists (IAH)
Lyons – 8–10 November 2007
Topic discussed: "Groundwater in an urban context".

Sogreah participated in:

- "Creating car parks in difficult groundwater contexts – Example of Grenoble"
- "Using groundwater for energy – The need for a survey – Example of the city of Grenoble"

Salon des Maires et des Collectivites Locales

Annual event for mayors and local authorities held at Porte de Versailles, Paris – 20, 21 and 22 November 2007

POLLUTEC Horizons 2007

Paris – 27–30 November

Sogreah participated in:

"Lyon Confluence: reclaiming industrial wasteland to extend Lyons city centre" - Polluted Sites and Soils Village – UPDS – Wednesday 28 November

"Addressing environmental issues in urban planning: the HQE® [high environmental quality] procedure" - Engineering Village – Wednesday 28 November.

October 2007

In partnership with Italian firm Idroesse, Sogreah has just been appointed by the Abruzzo regional authority (Italy) to draw up the master plan for restoration of the river Sangro. The Sangro river basin (122 km) covers 1545 km² in the Abruzzo region east of Rome. Some sections of this river have been highly developed, and it is undergoing major geomorphological change and subject to major flood risks and a number of sensitive environmental problems.

Sogreah recently worked in Italy on studies of the section of the Bisagno torrent that flows through Genoa, and on several port and coastal development projects.

In France, Sogreah is continuing its work on the Seine Nord Europe Canal project. After having managed the preliminary hydraulic studies for the canal, Sogreah has just been appointed by the Seine Nord Europe Mission of Voies Navigables de France to lead the consortium that will perform the studies prior to drawing



up the statutory documents related to the canal. Sogreah will thus perform hydraulic and hydrogeological studies of the rivers and aquifers that will be crossed by the new canal (105 km) in terms of both the impact of the canal and the management of floods and low-flow periods.

These two recent contracts confirm the leading role that Sogreah is playing in the field of river development and environment in Europe.

Sogreah and its subsidiary SERT participated in the Eurafriq-Partners Forum at the Cité Internationale in Lyons from 23 to 26 October 2007.

The next Salon des Maires et des Collectivités Locales (an annual event held for Mayors, local government officials and Parliamentarians from every region of France) will take place on 20, 21 and 22 November 2007 at Porte de Versailles in Paris. Sogreah will be manning a stand: no. H48 in Hall 3.

September 2007

On 21 September, Sogreah's shiphandling training centre at Port Revel (www.portrevel.com) celebrated its 40th anniversary with the region's elected representatives. Training on large manned scale models was invented by Sogreah and has become an invaluable complement to numerical simulators, and is now recommended by the United Nations International Maritime Organisation. Over the past 40 years, Port Revel has trained more than 6000 captains and pilots from around the world in shiphandling in the restricted waters of its lake near Grenoble. The longevity of Port Revel can be put down to its active policy of innovation, its facilities, the modular nature of the courses and the teaching methods used. 2007 was a record year for Port Revel, with more than 180 trainees completing a course. A key factor contributing to this record number is a sharp increase in numbers of European trainees.

Also on 21 September, the Arcachon basin authority, SIBA, inaugurated the Biganos and La Teste de Buch wastewater treatment plants (2 x 150,000 equivalent population) in the presence of numerous key national and regional figures. Sogreah provided assistance to the contracting authority for the two plants.

Sogreah has won a new contract in Bulgaria: assisting the Ministry of Regional Development and Public Works with preparation of integrated water management projects in the towns of Stara Zagora and Dimitrovgrad. This contract is co-financed by the European Union ISPA programme, the European Investment Bank and the Bulgarian government.

In Egypt, Sogreah has been appointed by CAPWO (Cairo & Alexandria Potable Water & Wastewater Organisation), in partnership with its Egyptian subsidiary Sogreah Middle East, to review the design, supervise construction and optimise operation and maintenance of the first section of the Gabal El Afsar wastewater treatment plant in Cairo. This contract is in addition to several major contracts that Sogreah Middle East has performed in Saudi Arabia in 2007.

Sogreah had a stand at the following exhibitions/conferences:

- Espace Collectivités 2007
Paris le Bourget – 14, 15 and 17 September 2007
- InovaTEC 2007 in Guiana from 21 to 23 September 2007
- Plovdiv International Technical Fair, Bulgaria, 25 September 2007: Sogreah participated in the round-table sessions on "French techniques in the environment field" organised by the French Economic Mission, including a presentation of the Targovishté flood risk



management project currently being implemented.

During an environment conference held in Lyon on 27-28 September, Sogreah organised a workshop on "Combating climate change: an opportunity for companies?", in collaboration with Bignon Lebray et Associés and ADEME Rhône-Alpes. This workshop was an opportunity to present the new instruments and mechanisms being set up at both national and international level and illustrate them using recent experiences gained by companies and local authorities.

July - August 2007

CLI, a joint subsidiary of Sogreah and Baird, has signed several major licensing and technical assistance contracts since early 2007 involving armouring block technologies for port breakwater and coastal protection (Accropode™ I and II, Core-Loc™, Ecopode™): Ras Laffan industrial port (Qatar), new Ro/Ro port in Tangiers (Morocco), port of Pawas (India), Grand Rivière harbour (Martinique, France), Shannah Ferry Harbour (Oman), Dalia jetty (Angola), protection of tunnels at Busan-Geode (South Korea) and Westminster (UK), and the Wave Muscat sea front (Oman). These successes bear witness to the trust that owners and contractors place in this experienced team with 200 projects to its credit. Furthermore, CLI and its partners, Sogreah and Baird, invest regularly in new technologies to increase reliability and productivity even further. To find out more: www.concretelayer.com

Sogreah Magelis, our subsidiary specialising in the industrial environment for major international clients, has achieved excellent half-year results. The major clients served since the beginning of January include Total Exploration Production, Exxonmobil, General Electric, SBM, Renault and Reliance, concerning sites on all continents.

To find out more: www.sogreah.fr/magelis

Sogreah is opening a **branch office in the Franche-Comté region, in the town of Besançon**. This new office completes the network in the France Central Region.

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SMCL 2007 – Paris

Sogreah will be attending SMCL, the French exhibition for mayors and local authorities, from 20 to 22 November 2007 - Porte de Versailles – Stand in Hall 3 no. H48

June 2007

SEEN, an expertise network of independent European engineering companies

Sogreah participate in a European expertise network along with three other independent consulting and engineering companies. The three companies joining Sogreah in this network, named SEEN (Strategic European Expertise Network), are:

- Niras, Denmark (www.niras.com)
- Tyrens, Sweden (www.tyrens.se)
- Witteveen + Bos, Netherlands (www.witteveenbos.nl)

The SEEN partners have a number of shared values: independence, technical excellence, a sense of



innovation, and the development of high value-added niches.

Through SEEN, they are aiming to share their expertise, enhance their complementarity, and develop their respective technical niches to offer their clients a range of services that is wider, better-quality and better-suited, both within Europe and worldwide.

SEEN enables each partner to give its engineers a European dimension, through the exchanges set up within the network.

This original network has highly flexible rules, and does not imply any exclusivity with respect to business partnerships.

May 2007

Acquisition of SERT

On 31 May Sogreah acquired SERT, a French company specialising in renewable energy and energy management. The SERT team, specialising in energy, electrical and mechanical engineering, is based in Lyons and has offices in Martinique and Réunion. The company will boost Sogreah's potential in renewable energy (solar photovoltaic, wind, biomass, small-scale hydropower) and also has experience of international markets.

Inauguration of the "new Rhône embankments" in Lyons

On 9 May, after works lasting 20 months, Lyons inaugurated its newly-developed Rhône embankments. Since the 1950s they had been transformed into open-air car parks providing 1600 parking spaces, some of them free of charge. This new 10 hectare, five kilometre long city-centre park links Lyons' two lungs: Gerland park, in the south of the city, and Tête d'Or park to the north. Sogreah had been actively involved in the project since 2003, as part of an infrastructure consultancy consortium responsible for supervising the following works:

- river developments (mooring dolphins for 32 barges),
- buried networks,
- connection of the barges to the utility networks (electricity, telephone, drinking water, sewerage),
- sprinkler and mist maker systems,
- water supply to Guillotière basin.

Exhibitions

Sogreah will once again be manning a stand at two exhibitions:

- POLLUNOVE HQSE on 12 and 13 June 2007 in Lyons (17th International Business Convention for decision-makers in the Health, Safety, Quality and Environment sectors)
- SIEE-POLLUTEC from 18 to 21 June 2007 in Algiers.

April 2007

Sogreah sets up office in Romania

On 2 April 2007, Jacques Gaillard, Chairman and CEO of Sogreah, signed a majority shareholding agreement on behalf of the group with the Romanian company Enviro-Asist, located in Bucharest and



specialising in urban and industrial environment studies.

This office in Romania is a further addition to the group's European network, which already includes subsidiaries in Poland and Cyprus and permanent offices in Belgium, Bulgaria and Ukraine.

Sogreah is currently working in Romania in the context of a European partnership on the improvement of drinking water and sewerage management in the Drobeta-Turnu-Severin conurbation and in the extension of Glina sewage treatment plant in Bucharest, funded by the European Union.

Carbon Expo 2007, Cologne (Germany)

Sogreah will once again be holding a stand at Carbon Expo 2007 in Cologne from 2 to 4 May.

March 2007

Large integrated residential and tourist development projects

Sogreah has just been selected by EMAAR (an investor based in Dubai) to provide consultancy services for the Tinja residential and tourist development project near Tangiers in Morocco. This involves developing a 290 ha area for hotels, villas, apartments and shops. Sogreah is responsible for all consultancy services, including supervision of works, for all the infrastructure (drinking and service water supply, sewerage and sewage treatment, hydraulic flood-protection works, development of an interior lake, roads and access ways, electricity and telecommunications networks) and environmental impact studies.

At the end of 2006, Sogreah was also commissioned by a private investor with consultancy services for the first phases of the 560 ha AtlanticA tourist development project in the Dominican Republic. Sogreah's contractual services cover all the infrastructure (water and energy supply, sewerage, roads, harbours, artificial beach, golf course, graving dock for cruise ships, airport runway).

For a number of years now, Sogreah has also been a major participant in the ambitious 6000 ha development project for the Bouregreg valley near Rabat, Morocco, working on behalf of SABR, the Moroccan owner, and for Sama Dubai, a private investor backing the 120 ha Amwaj development scheme. Sogreah is mainly responsible for the design studies and project management for the hydraulic and maritime structures.

With its long experience of urban development and environments, energy and maritime development and its extensive international network of offices, Sogreah is much sought-after by investors to provide project management services for the infrastructure of these large residential and tourist development projects.

Signing of the first licence agreement for the Accropode™ II

Sogreah's subsidiary CLI has just signed the first licence and technical assistance agreement for the ACCROPODE™ II block with the Portuguese company Conduril. The new block will be fabricated and placed at the Dande site in Angola. This is an important stage in the development of this new version of the ACCROPODE™ block, which has so far been used for 150 applications, with 12 sites currently in progress throughout the world. The main feature distinguishing the new block is that it is easier to place, so that placing rates are much faster while stability is at least as good as with the initial ACCROPODE™ block. For more information: www.concretelayer.com

CLI will hold a stand at Coastal Structures – 2007 International Conference (Venice, 2-4 July 2007).

Inauguration of Ambonne treatment plant

On 22 March 2007, the sewage treatment plant at Ambonne (Amiens) was officially inaugurated in the presence of the Ministers of National Education and the Environment and the Mayor of Amiens. The plant, which has a capacity of 240 000 PE, has two specific features in addition to the usual arrangements: all the structures are roofed (including the tanks) and it is perfectly integrated into the site as the structures are excavated into the natural terrain.

PCH Meetings 2007



Sogreah held a stand at the PCH Meetings (business convention of the pharmaceuticals, chemicals and petrochemicals industries) held in Lyons on 21 and 22 March.

February 2007

The 2006 financial year confirms the group's development

2006 was an excellent year for the Sogreah group.

Orders reached €99.3m, that is to say a 20% increase on 2005.

Progress was particularly spectacular in international orders, which represented 45% of the total (€45m), i.e. a 26% increase over 2005, with strong growth in Europe and the Middle East, especially in areas covered by the group's 7 international branch offices.

This progress was also due to a strong increase in the number of private clients (industries, construction companies, developers and banks), which represented 20% of total orders and 40% of international orders.

Major new hydropower contracts

After the Teesta III (1200 MW) contract in India in October, Sogreah has just been awarded the design studies for the Upper Atbara hydropower project in Sudan. Negotiations for other major contracts are going well and should lead to positive announcements being made in the coming weeks. Sogreah is thus confirming its position in one of its longstanding fields of activity.

New sea extension in Monaco

In association with architects Arep, Sogreah has just been commissioned by the Principality of Monaco to assist the owner with a new urban extension scheme involving a 10 hectare reclamation built in water up to 50 metres deep. Situated between the Spélugues complex and Larvotto beaches, this reclamation will increase the area of the Principality by 5%. Sogreah's part of the contract covers all the maritime works, utility networks and roads. Arep will be responsible for the buildings.

Port Revel attracts more European clients

The Port Revel shiphandling training centre (www.portrevel.com) is attracting an increasing number of European clients. After many years of working mainly with loyal North American clients, the Port Revel centre is now drawing more and more European pilots and captains. Belgian, Danish, Spanish, Dutch, Norwegian and Russian trainees are already registered for 2007, representing a considerable increase in the centre's activity. Regular investment in innovation is beginning to bear fruit.

January 2007

Sogreah boosts its position in the field of innovation. Sogreah is a partner in several major national and European research and development projects as 2006 draws to a close:

- Sogreah is leading a group of seven partners involved in the PROLIPHYC project. The aim of this project is to develop an operating system to monitor and give real-time warnings of phytoplankton blooms in lakes and other water bodies with special application to cyanobacteria. Sogreah's partners are CEREVE (ENPC), the Institute for the Physics of the Globe, INRA UMR CARTEL, the Paris Natural History Museum, CNRE and NKE Electronics. The PROLIPHYC project forms part of the PRECODD programme (ecotechnology and sustainable development) being implemented by the National Research Agency (ANR). Confirmation of funding was announced at the end of November 2006. It follows on from the SACYTOX project already managed by Sogreah, within the RITEAU network and financed by the Ministry of Ecology and Sustainable Development.

- Sogreah is a partner in the CYCLEAUX 1 project sponsored by the EMC2 "competitiveness cluster" and funded by the Ministry of Industry and the "Pays de Loire" Region. The aim of this project is to develop processes and systems for recycling wastewater on board ships or in any type of building. In addition to Sogreah, the group consists of Aker Yards (Chantiers de l'Atlantique), Wirquin Plastiques, the GEPEA



(Nantes) and LARCIP (Rennes) laboratories and CSTB, with Atlanpole providing coordination.

- Sogreah is a partner in the European SPICOSA project (Science and Policy Integration for Coastal System Assessment). The aim of this project is to develop an integrated approach and resources for assessing public policies for the sustainable management of coastal ecosystems subject to anthropogenic and environmental modifications and climate change. This project is coordinated by IFREMER and brings together 51 partners from all the maritime countries of Europe.

