



Managing waste in the desert

Waste management is always a challenge. But for **SonaHess'** oil producing operations in the **Sahara desert**, the challenge was vast.

Based in the Gassi El Agreb (GEA) region, which covers the El Gassi, El Agreb and Zotti oil fields, SonaHess was launched as a joint venture between Sonatrach, **Algeria's** state oil company, and Hess Corporation, a leading energy supplier. Though their operation was running smoothly, waste management had some room for improvement. In addition to the logistical difficulties of operating in the Sahara, SonaHess had eight sites spread all across the desert, including a 1,000-person central site, five production facilities and two security bases.

Having started to identify the various waste streams, SonaHess was looking for the best way to deal with day-to-day waste generated by the general population. Because of the myriad of issues involved in the process, this would be no easy task.

SonaHess sought a proactive partner with experience in this field. Since 2004, Sodexo had already been providing them with catering, laundry and housekeeping services. This established relationship gave Sodexo first-hand knowledge of the issues at stake and made them well positioned to assist SonaHess in their drive for continuous improvement in waste management.

The teams set about developing an on-site waste-management program that would boost SonaHess' efficiency and further enhance Quality of Daily Life at their sites. After a successful test run in early 2009, SonaHess contracted with Sodexo to enhance waste management at GEA.



This project forms part of a commitment to materials and waste management made in the Better Tomorrow Plan, Sodexo's worldwide sustainability roadmap. Discover more at sodexo.com

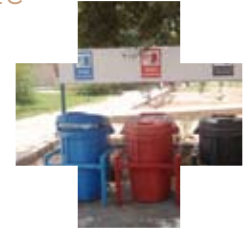


sodexo
REMOTE SITES

Quality of Daily Life Solutions



Taking care of the environment – by taking care of waste



THE NEED FOR KNOW-HOW

SonaHess' specialty is energy production – not waste. Naturally, they wanted an effective and sustainable waste-management process. What's more, their widespread footprint didn't make things easier: the satellites and security bases are located up to 50 km away from the main site, with a maximum distance of 100 km between them.

Fortunately, Sodexo was well positioned to offer a valuable solution. Regarding logistics, Sodexo was already delivering 800 meals a day to SonaHess, which required drivers, refrigerated trucks and more. In terms of sustainability, Sodexo not only possessed vast global experience in responsible initiatives, but their Algeria division has earned the highest standards and certifications for environment management, including **ISO 9001**, **OHSAS 18001** and, most importantly, **ISO 14001**.



AN EMPLOYEE-FRIENDLY APPROACH

To start off, Sodexo created a dedicated team of seven people to work full time on the project. They then followed up with an intuitive approach for site residents: color-coded bins to separate their waste for recycling. SonaHess designed and built multiple waste-separation areas and consulted Sodexo on ideas to better manage all the waste streams involved and to acquire associated waste management equipment (compactors, paper bailer, drum crusher, etc).

The Sodexo team took on every aspect of SonaHess' waste-treatment facility, and helped in ensuring that the waste streams were delivered to appropriate recycling facilities in Algeria. They even launched a communication campaign to promote the new process to SonaHess employees and show them how to sort their waste properly. Today, the program only includes household waste, but Sodexo is training a team to handle industrial waste as well, and acquiring the necessary Personal Protective Equipment (PPE).



PILES OF SUCCESS

The result has been a smooth process that streamlines waste management and reduces the impact on the environment. Through this new program, Sodexo is currently managing 1,500 kg of organic waste daily. In terms of landfill reduction, the program recycles 3,000 cans a day, as well as 3,000 large plastic bottles.

All this comes at no compromise to Sodexo's long-standing performance in service and safety. In fact, Sodexo's excellent HSE achievements are recognized regularly in the GEA region. Four years in a row, Sodexo has been awarded for its LTI-free status there. SonaHess recognizes and articulates Sodexo as one of the most HSE-progressive contractors within the GEA operations.

“ Sodexo has been exceptional in its ability to understand and adapt to the challenges of waste management in GEA. We are very satisfied with the work delivered by Sodexo's teams to collect, sort and store waste and how this is reducing waste volume,” agree SonaHess HSE managers, notably Abdelhamid Kaid. “Through their positive professional approach and their clear commitment to customer satisfaction, we are seeing a top quartile waste management result in all facets of GEA operations.”



On-site Service Solutions provided by Sodexo
Waste management - Housekeeping - Laundry - Catering