



# Turning waste into worth

FWW, a joint venture between **Foster Wheeler** and **Worley Parsons**, was awarded the onshore Engineering, Procurement and Construction Management contract by Woodside for its Pluto LNG project in Western **Australia**. About 2,000 construction workers on this project are housed at Gap Ridge Village.

When Woodside and FWW first set out to create this village near the end of 2007, they wanted to make it an appealing site to attract quality workers. So they knew they'd need an experienced partner who could deliver high-end On-site Service Solutions, covering everything from maintenance, lawn care and catering to housekeeping and entertainment programs.

Above all, Woodside and FWW wanted to make sure the benefits wouldn't stop at the front gate. They were determined to spread well-being to the outside community, as well. Indeed, playing a positive ecological and sustainable role is always critical for remote-site projects. But now they were committed to raising the bar even higher.

This would mean finding a partner who could go beyond traditional services and help them identify smarter new ways to minimize their environmental impact and bring tangible benefits to the local communities.

Sodexo was happy to take on the mission, and they knew there was a good place to start: waste management.



This project forms part of a commitment to materials & waste management made in the Better Tomorrow Plan, Sodexo's worldwide sustainability roadmap. Discover more at [sodexo.com](http://sodexo.com)



Quality of Daily Life Solutions



## A positive transformation



**GOLDEN GECKO**  
Awards for Environmental Excellence  
2009 AWARD RECIPIENT



### ATTEMPTING TO LIFT A HEAVY BURDEN

Large-scale remote operations with lots of equipment and hundreds of workers can easily generate thousands of tons of waste in a single year, leaving a heavy burden on local communities and waste-management infrastructures. To provide quality services while drastically limiting this impact, Sodexo needed to think outside of the box. The need for innovative waste-management practices was already well identified by FWW. The only question left was, what could be done and how?



### LESS LANDFILL, MORE HOPE

In the framework of its Better Tomorrow Plan, waste management and local community support are part and parcel of Sodexo's service delivery. Sodexo proposed its Resource Recovery program, an ambitious waste-management initiative that ensures a maximum amount of materials are regularly recycled and sold. One hundred percent of the profits generated from the program go to children's hospitals and emergency air ambulances. So the local communities get to see real benefits.

In this program, village residents separate their waste into dedicated recycling bins and place their glass bottles into glass crushers, all provided by Sodexo. Meanwhile, Sodexo's kitchen staff separates all the cardboard, steel tins and plastic bottles from the daily waste and ensures everything gets recycled.

Not only does less material now get thrown out, but because of the efficient new sorting process, less transport is required to remove waste from the site, which means fewer vehicles on the road. And speaking of vehicles, Sodexo even implemented a smart food-to-fuel process through which used cooking oil is collected from the kitchens and transformed into bio-diesel.



### THE ULTIMATE REWARD

By implementing the Resource Recovery program at Gap Ridge Village, Sodexo was able to exceed FWW's environmental objectives. In the first year of the program, 71 tons of waste have been recycled and 209 cubic meters of landfill have been saved. Over 20 kiloliters of cooking oil have also been collected and converted into environmentally friendly biodiesel. In 2010, a new facility that assists with the processing of glass and cardboard was installed at the village, thus further improving recycling rates.

To date, the program has raised more than AUD \$95,000 in Australia, with all profits going to local charities. In September 2009, Woodside and Sodexo each received the **Golden Gecko Award** for Environmental Excellence from Western Australia's Department of Mines and Petroleum.

#### On-site Service Solutions provided by Sodexo

Resource Recovery Program (waste management) - Symmetry Health, Lifestyle and Entertainment Program - Village maintenance (refrigeration, carpentry, electrical and plumbing work) - Grounds maintenance (40 hectares) - Pool services - Security and gatehouse - Staff transport services - Postal services - Housekeeping - Retail and bar facilities - Catering