

CASE STUDY

Kristianstad Biogas Plant Kristianstad, Sweden

Built in 1996, the Kristianstad biogas plant in Sweden processes household, industrial and agricultural waste and produces biogas for the local district heating plant, with plans to fuel the fleet of waste transport vehicles. Of the 73,000 tonnes of organic waste delivered to the plant each year, household waste and miscellaneous waste make up about 5 per cent each with the remainder comprising both animal manures and agricultural processing wastes. The equivalent of 20,000 MWh of biogas is recovered annually, 17,900 MWh is sent to the district heating plant and the remainder is used on-site.



STATE GOVERNMENT SUSTAINABLE ENERGY FUNDING PROGRAMS

Several State Governments in Australia offer funding to support sustainable energy projects. Such funding is often offered through dedicated State Government agencies such as the Department of Energy, Utilities and Sustainability (DEUS) in NSW, the Sustainable Energy Authority of Victoria (SEAV) and the Sustainable Energy Development Office in Western Australia.

Each of these funding programs has its own eligibility criteria. Waste-to-energy projects may be eligible for funding under most of these programs.

VIC RENEWABLE ENERGY SUPPORT FUND (RESF)

RESF is a key initiative of the Victorian Greenhouse Strategy and is administered by SEAV. The initiative will provide \$8 million to support and encourage innovative applications of medium-scale proven renewable energy technologies in Victoria including waste-to-energy. The fund will provide up to 20 per cent of the capital cost of accepted projects.

For a comprehensive description of the bioenergy resources (including wastes) and markets in NSW, the reader is directed to the DEUS NSW Bioenergy Handbook.