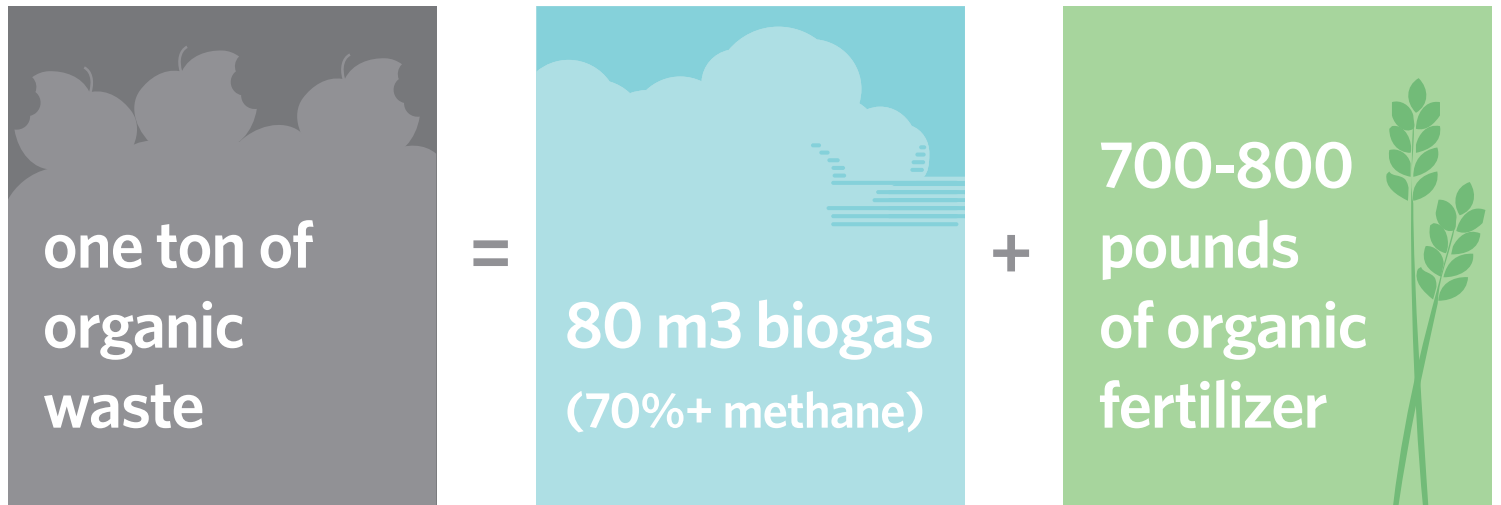




The Aikan™ System:

Innovative Options For Civic Services

Transforming waste to resources with Aikan™



Every state, county, city and town is different. Unique needs, unique desires, unique strengths. Each one has its own challenges when it comes to waste management. Now there's a new, affordable option that beats every challenge you can throw at it: the Aikan™ system.

When local governments add Aikan™ plants to existing landfills, they transform mere garbage into valuable, community-friendly, beneficial resources.

THE SHORT STORY

- ◆ Proven, field tested (full-scale plants operating for years), easy-to-operate approach for processing thousands of tons of organic waste.
- ◆ Significantly reduces amount of organic waste entering municipal and private landfills.
- ◆ Creates profitable, marketable outputs that enhance public budgets — nutrient-rich compost and high-quality biogas (methane).
- ◆ Performance guarantees based on specific local conditions
- ◆ All facilities backed by a company with established expertise in waste management, renewable energy sources and soil/compost production issues.

SURPRISING PLUSES

- ◆ Limited sorting of waste prior to processing.
- ◆ Handles a wide range of organic wastes from varied sources, processing them into biogas and/or compost, including:
 - Household trash
 - Food and grease trap waste from restaurants
 - Dewatered sludge from wastewater treatment plants
 - Agricultural and yard waste

- ◆ Processing more types of waste means opportunities to bring new users to landfills — increases amount of gate and tipping fees paid.
- ◆ Aikan™ plants' cost of processing per ton is less than incineration — and unlike incineration, produces no hazardous slag requiring special handling or disposal.
- ◆ Aikan™ plants integrate easily with existing landfill and biogas reclamation operations, and their size can be adapted continuously according to needs. New modules are added only when demand and capacity increase.

THE ULTIMATE VALUE

- ◆ Accelerated natural process using standard technology = greater reliability, lower operating costs
- ◆ Scalable infrastructure — capacity built to match your needs.
- ◆ Reduced labor and operating costs.
- ◆ New revenue streams through sales of byproducts.
- ◆ Extended landfill life.
- ◆ Improved image as a cleaner, "greener" community.
- ◆ New source of fuel for power generation.

A New Perspective—Explore the Aikan™ System

Reliable. Natural. Valuable. That's the philosophy of the Aikan™ system and it will change how you think about the waste in your landfill. Any government can now transform citizens' organic waste from an expense into revenue.

Operating public facilities is an essential government function but can also be among your most difficult management and technological challenges. Make the choice that is safe, secure, proven and smart — add the Aikan™ system to your landfill and see a future with new possibilities.

The Aikan™ system gives you a proven method for transforming organic waste into valuable resources through wise use of readily available technology. The system has nearly 100% uptime, low costs of operation and requires minimal training for staff.

It employs a process that Mother Nature uses every moment of every day, just a bit faster, rather than burning or burying organic waste. Your community ends up with:

- ♦ **Clean, dry, nutrient-rich fertilizer** for use in public gardens, parks and athletic fields, which cuts your purchasing costs or gives you fertilizer to sell publicly.
- ♦ A nearly limitless supply of **energy-rich methane** to generate power as part of the local electrical grid.
- ♦ **Extra years** added to the life of your landfill.
- ♦ **Better community relations** thanks to low odor waste processing done indoors.

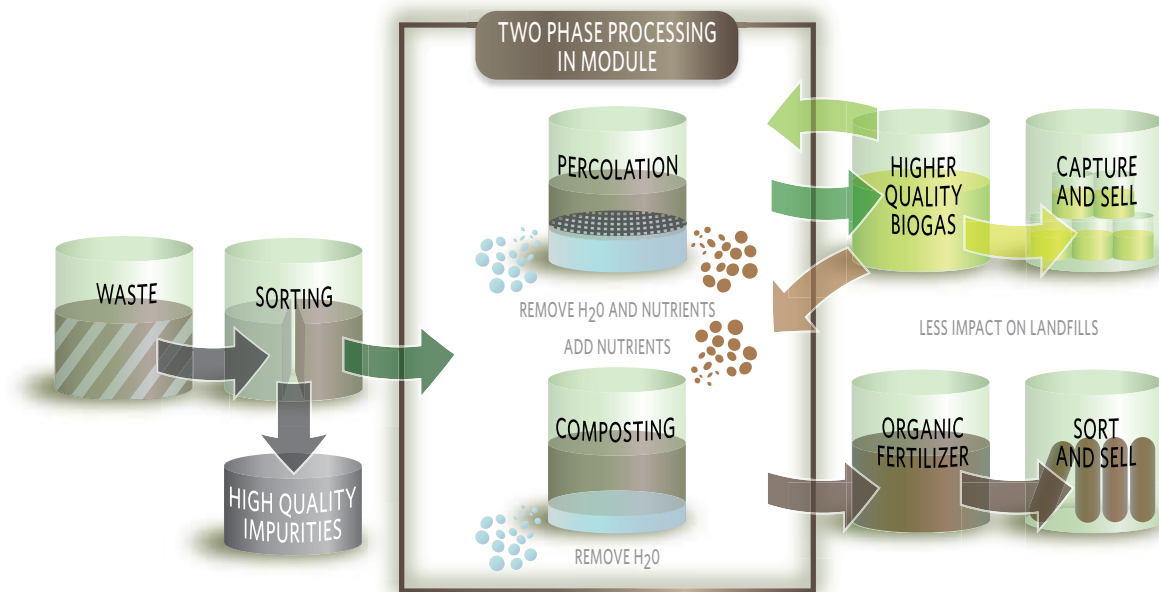


- ♦ **Controlled greenhouse gasses** because all methane is captured during the process, and the resulting compost acts as an immediate “carbon sink” to absorb excess carbon dioxide.
- ♦ **No excess water runoff** thanks to evaporation in the system.
- ♦ **An economic boost**, from the local construction crews employed to build the facility using locally-sourced materials, to locally-hired operating staff.

If you process 25,000 tons of organic waste in a year in an Aikan™ facility you can generate enough electricity for 1,500 families and provide heat equivalent to burning 400,000 gallons of oil.

THE AIKAN™ SYSTEM: SQUEEZING TREASURE FROM TRASH

Traditional methane capture in the U.S. lacks the flexibility and efficiency of the Aikan™ system. Now landfills can implement a simple, robust, low-cost system to generate and capture high-energy content. Key benefits include: (1) reduced contamination from better **sorting**; (2) greater ROI from **selling higher quality biogas and organic fertilizer**; (3) lower environmental risks and discharge due to **reduction of excess water**; and (4) extended life of landfills.



The Aikan™ system is built on your site using locally-sourced products and services. From steel and concrete, to construction labor, the entire structure is created with resources from nearby communities. That also makes future maintenance easier and more cost effective.

PARTNER WITH A TRUSTED EXPERT

Solum Gruppen (www.solum.com - creators of the Aikan™ system) has more than a quarter century of experience and is Denmark's largest supplier of growth media and turf care products.

The company's trailblazing approaches to waste processing, and its outstanding business operations, have been spotlighted. In 2009, Solum Gruppen was awarded the Danish Liberal Party Climate and Environment Award, which was presented by the Danish Prime Minister. The award was given for Solum Gruppen's ability to successfully combine environmentally friendly waste management with a smarter business model. The company also received the Gazelle Award from Borsen (Denmark's leading business newspaper) for outstanding business management and growth in 1999, 2000 2006 and 2007.

With financial strength of nearly \$4 million in venture capital funding for international expansion, Solum is bringing the Aikan™ system to North America after successfully operating in Denmark and Norway.

IMAGINE THE POSSIBILITIES...

Go beyond "business as usual" with Aikan™ system:

- Low-cost waste processing → saves money
- Capture valuable high-energy biogas → cuts utility costs, can be sold
- Produce clean organic fertilizer → cuts purchasing costs, can be sold
- State-of-the-art odor control → low community impact
- Low energy requirements, limited material handling, uses reliable and readily-available technology
- Repeated, consistent, proven results
- ZERO OPERATIONAL DOWNTIME

Ready for more innovative municipal operations? Contact Aikan North America — www.aikan.eu — (404) 835-9417 — info@aikan.eu. Unlock the potential.