



Public Works

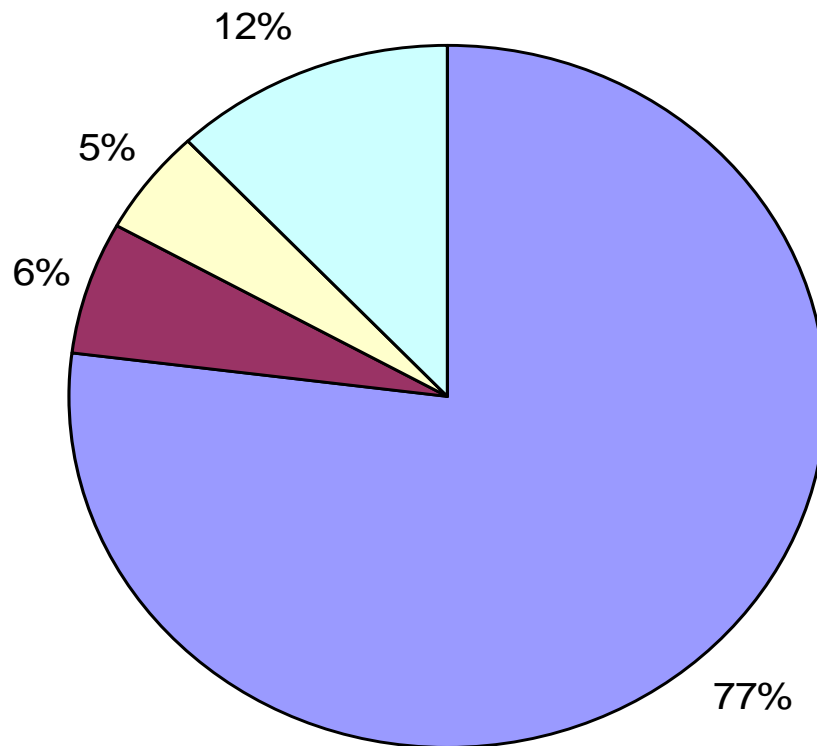
Resource Recovery & Waste Management

Change in Mission

- Change in laws
- Change in markets
- New technology
- Change in expectations



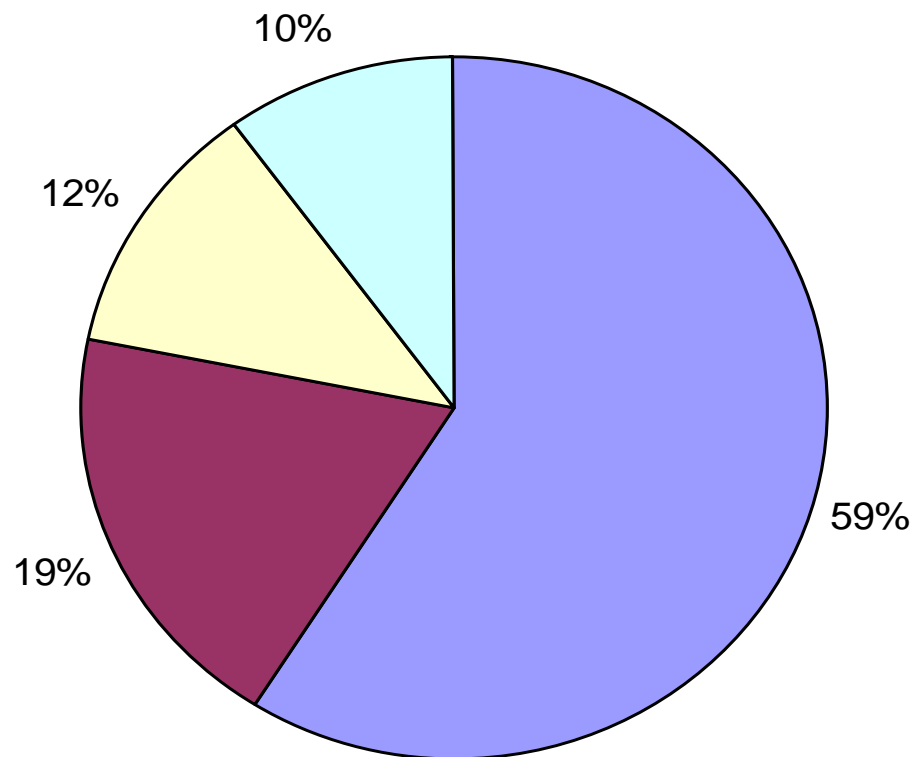
Financial Diversification



FY 1998

- Landfill Tipping Fees
- Recycling Sales
- Program & Franchise Fees
- Other Income

Financial Diversification



FY 2007

- Landfill Tipping Fees
- Recycling Sales
- Program & Franchise Fees
- Other Income

Recycling Income

- Markets have created value for materials previously considered trash



Construction & Demolition Waste

Recycling Rate: 76%



MarBorg C&D sorting facility



South Coast Recycling & Transfer Station











Greenwaste

Turning waste into a product



















Education & Outreach

The next generation of environmental stewards









RECYCLING RESOURCE GUIDE For Santa Barbara County



A Resource Guide for Santa Barbara County Residents
Businesses to Reduce, Reuse, and Recycle

Presented by the
Santa Barbara County Public Works Department

Take your old electronics - anything with a plug or battery - to one of these drop-off sites:

Lleve sus aparatos electrónicos viejos - cualquier artículo que tenga un enchufe o una batería - a uno de estos centros de recolección:

ELECTRONIC WASTE DROP-OFF SITES
CENTROS DE RECOLECCIÓN DE APARATOS
ELECTRÓNICOS PARA SER DESECHADOS

SOUTH COAST - LA COSTA SUR

South Coast Recycling and Transfer Station
4430 Calle Real, Santa Barbara 93110 (805) 681-4345

MarBorg Recycling Facility
119 North Quarantina Street, Santa Barbara 93103 (805) 963-1852

SANTA YNEZ VALLEY - EN EL VALLE DE SANTA INEZ
Santa Ynez Valley Recycling and Transfer Station
4004 Foxen Canyon Road, Los Olivos 93460 (805) 688-3555

Health Sanitation Service/Waste Management
97 Commerce Drive, Buellton 93427 (805) 688-7456

NORTH COUNTY - EL NORTE DEL CONDADO

City of Lompoc Household Hazardous Waste Collection Facility
1545 North "V" Street, Lompoc 93436 (805) 875-8024 (by appointment only)

City of Lompoc Landfill End of Awalon Road, Lompoc 93436 (805) 736-9042

City of Santa Maria Household Hazardous Waste Collection Facility
2065 East Main Street, Santa Maria, 93454 (805) 925-0951 ext. 7270

Health Sanitation Service/Waste Management
1850 West Betteravia Road, Santa Maria 93455 (805) 922-2121

Please call for hours of operation and current disposal fees (where applicable).
Por favor, llame para obtener de los horas de trabajo de los centros de recolección de electrónicos desechados y las cuotas para tirar la basura (en los lugares donde aplica)



This message is brought to you by the County of Santa Barbara and funded by a grant from the California Integrated Waste Management Board. "Don't Waste. You make it happen."

Este mensaje le es proporcionado por el Condado de Santa Bárbara, que recibe fondos de una sub-ventilación del California Integrated Waste Management Board. "Don't Waste. Usted lo hace posible."



Don't toss old electronics.
Recycle them at a local
drop-off site.



No deseché sus aparatos
electrónicos viejos en la basura.
Recíclelos en un centro de
recolección cercano.

Be Sharp!

Safely dispose of your home generated sharps.

List of Collection Centers:

Santa Barbara County Clinical Laboratory
315 Camino del Remedio, Room 117, Santa Barbara, CA 93110
(805) 681-5380
Hours of Operation: M-F 8:00 a.m. to 5:00 p.m.

County Health Clinic — Franklin
1136 E. Montecito Street, Santa Barbara, CA 93103
(805) 568-2099
Hours of Operation: M-F 8:00 a.m. to 11:30 a.m.; 1:00 p.m. to 4:30 p.m.

County Health Clinic — Carpinteria
931 Walnut Avenue, Carpinteria, CA 93013
(805) 560-1050
Hours of Operation: M-F 8:00 a.m. to 12:00 p.m.; 1:00 p.m. to 5:00 p.m.

County Health Clinic Laboratory — Lompoc
300 N. "R" Street, Lompoc, CA 93436
(805) 737-6488
Hours of Operation: M-F 8:00 a.m. to 5:00 p.m.

County Health Clinic Laboratory — Santa Maria
2115 S. Centerpointe Parkway, Santa Maria, CA 93455
(805) 346-8421
Hours of Operation: M-F 8:00 a.m. to 4:00 p.m.



Home Generated Sharps (HGS) are needles, syringes with needles, and disposable lancets. Improper disposal of HGS is a safety threat to children, home health care providers, sa workers, and pets through accidental "stick" injuries.

How should I dispose of my sharps?

HGS should be placed in approved sharps collection containers. These are leak-proof, red containers constructed of rigid walled plastic with a biohazards label. Sharps containers only be filled 3/4 full before being sealed for disposal. Aluminum beverage containers, and plastic milk jugs are appropriate containers and cannot be accepted. You should dispose of your HGS or sharps containers in the regular trash.

Where can I get a sharps container?

Sharps containers can be obtained for free at any of the listed to the left.

Where can I take my full sharps container?

Each clinic in the list to the left will accept full HGS collection containers from residents in Santa Barbara County. You are charged for disposal. Please call the collection location use prior to arrival to confirm operating hours and address leave sharps containers at these facilities after hours. It is limited to disposing of no more than two sharps containers (maximum of one visit per week). Hospitals, clinics, medical pathology labs, convalescent homes, group homes, nursing homes, and veterinary hospitals are not eligible to use. Each collection facility reserves the right to refuse to accept.

Remember to:

- Immediately after use, place sharps in the container, promptly.
- Do not attempt to bend or break the needle or syringe.
- Do not put the cap back on the needle.
- Keep all sharps and disposal containers out of reach of children and pets.

Sponsored by the County of Santa Barbara, the City of Santa Barbara, the City of Goleta, and the City of Santa Maria.

For more information about the program, please call (805) 681-5380.

SECTION 2

AEROBIC COMPOSTING



WHAT IS AEROBIC COMPOSTING?

Aerobic composting is the decomposition of organic matter by air-breathing microorganisms and larger soil life forms. These decomposers are naturally present in the soil and thrive in a moist and nutrient-rich environment. Primary consumers such as bacteria and fungi begin the decomposition process. (In ideal conditions, the metabolism of bacteria creates the heat of the composting pile.) Second and third level consumers, such as beetles, centipedes, earthworms, and millipedes, complete the composting cycle leaving behind a dark brown humus that is soil enhancing.



CHOOSING THE RIGHT COMPOSTING SITE.

When setting up your composting system, choose a site that is level and has good drainage. Accessibility, aesthetics, and convenience should also be considered. To prevent groundwater contamination avoid a bin location near drainage courses or waterways. Premeditate your composting routine before you assemble your bin to be certain that an important necessity such as sufficient work space or access to a water supply has not been overlooked.

SETTING UP YOUR AEROBIC SYSTEM.

Using a shovel or garden fork, loosen the ground where the composting bin will rest. This, in addition to lining the bottom of the bin with a layer of bulky organic waste, such as branches, will help with drainage and aeration.

All Plastics Now Recyclable!



What's Recyclable?

To learn more, visit: www.lessismore.org | County of Santa Barbara | (805) 882.3600



ALL PLASTIC (Todo Plástico)

NO Styrofoam or packing peanuts.
NO plastic bags or bubble wrap.



GLASS BOTTLES & JARS (Botellas y Tarros de Vidrio)

NO window glass or drinking glasses.



ALL METAL (Todo Metal)

NO full or partly-full containers.
NO oil filters.



PAPER & CARDBOARD (Papel y Cartón)

NO paper plates, towels, napkins.
NO waxed boxes.

E-Waste

Recycling Electronics













Environmental Protection

Falconry at Tajiguas Landfill





BEFORE...






Using falcons has instant results!

- The gulls no longer have access to the trash
- Water quality improves
- Biggest improvement of 2002 of any beach in California

www.healthebay.org



**Heal the Bay's
BEACH
REPORT
CARD.**

Arroyo Quemada Beach

<u>Date</u>	<u>Dry</u>	<u>Wet</u>
6/5/02	A+	A+

Environmental Innovation

Green Energy



Laguna Sanitation Power Plant





Laguna Sanitation Power Plant

- 270 Kilowatts
- Powers 210 homes



Tajiguas Power Plant





Tajiguas Landfill Power Plant



- 2.5 Megawatts
- Powers 2,000 homes

Environmental Stewardship

Habitat Restoration across the County



Pila Creek/ Tajiguas Restoration







Oak Tree Restoration







Carpinteria Bluffs





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Foothill Canyon Community Planting



9/11





Future Challenges

Projections & Changes for RR&WM



Challenge: Growth of Waste Generation

- Population growth since 1990:
18%
- Waste growth since 1990:

54%



Challenge: Exporting not an Option

- Diminishing capacity in the South
 - LA landfills closing
 - Exporting 45%-85% of its waste by 2020
 - 8 to 15 million tons/year
- Limited Capacity in the North
- Transport costs are prohibitive



Challenge: Higher Environmental Standards

- New policies from State & Federal Government
- Our own standards & expectations

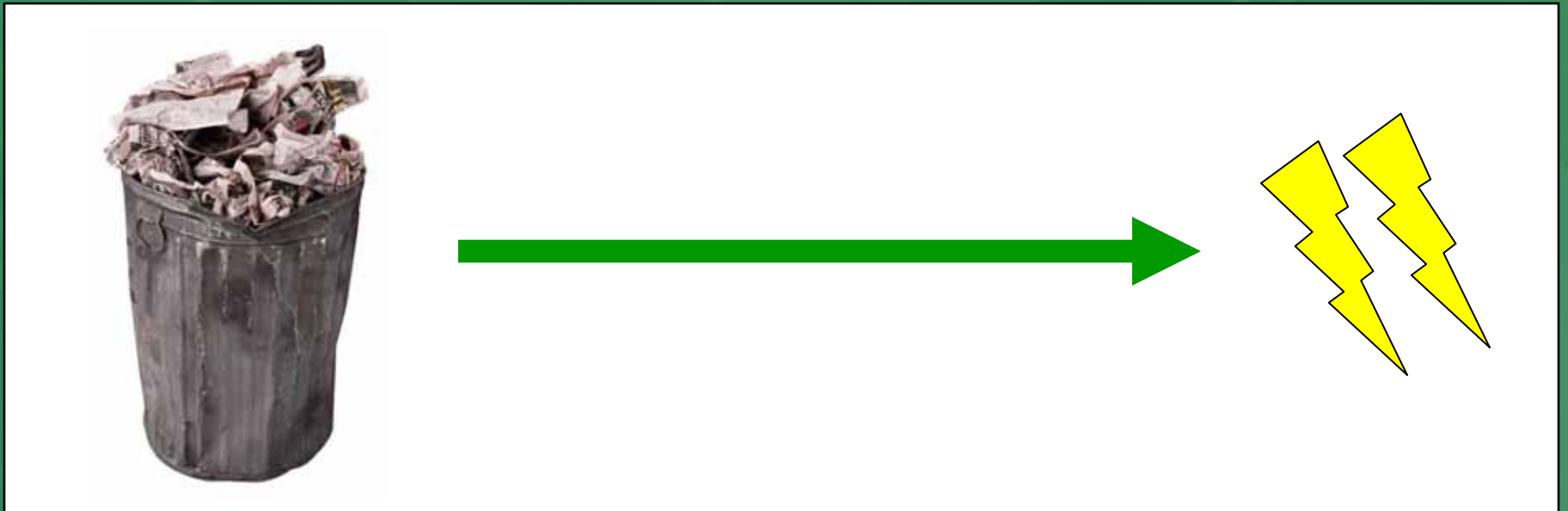


Goals/Solutions

- MJSWTG
 - Regional Task Group formed in 2001 to develop long-term solid waste management plans for each county wasteshed
 - Plans approved by all jurisdictions in 2004
 - South Coast plan contained the potential construction of a conversion technology to reduce reliance on landfilling

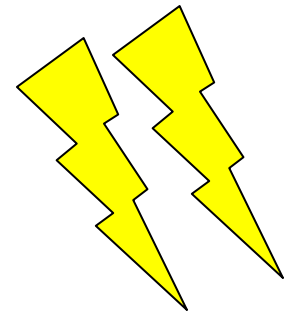
Conversion Technology

- Continued research and monitoring of new conversion technologies and facilities
- Attendance at LA IWTF
- Renewed South Coast regional interest in technologies

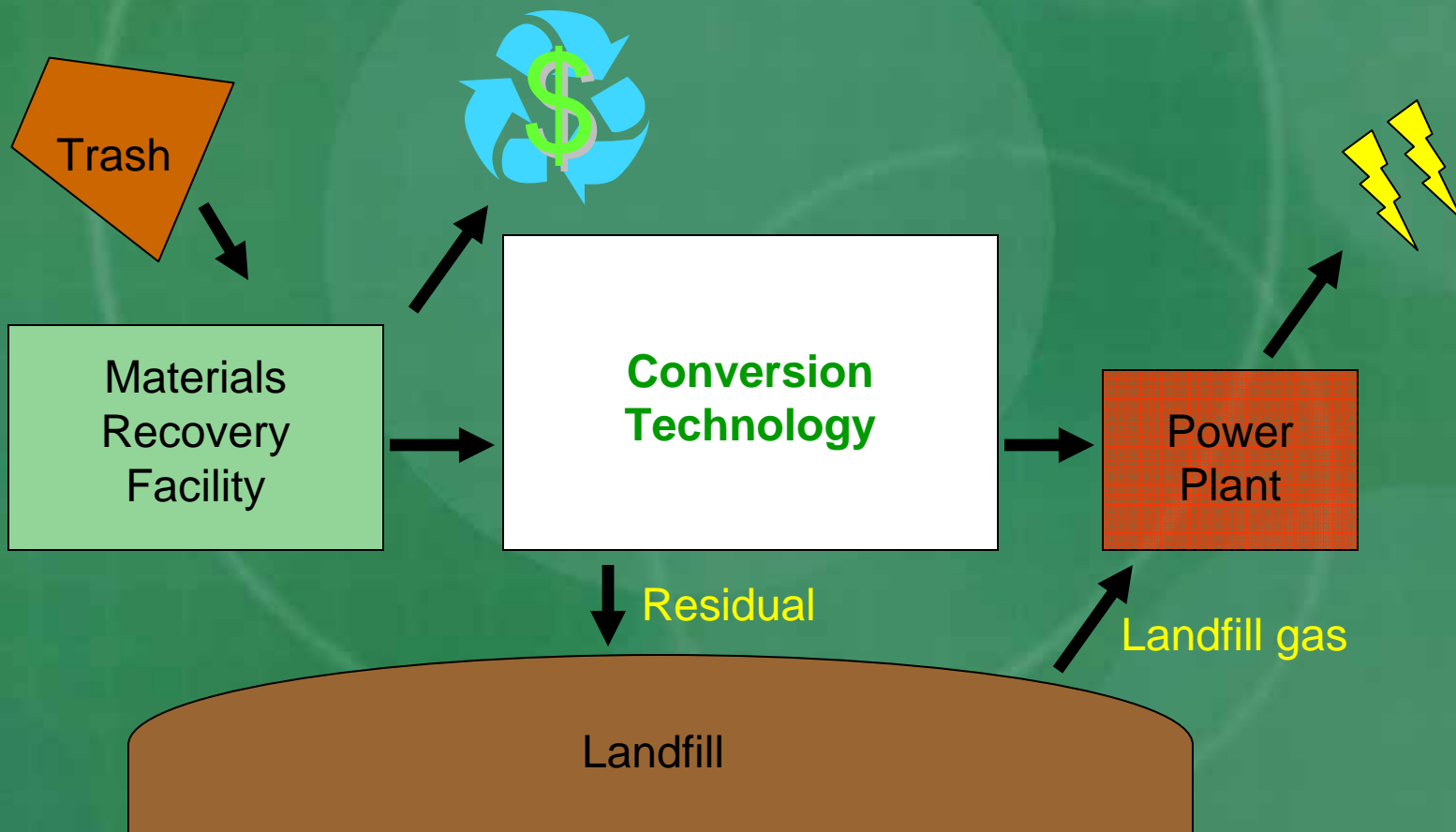


Conversion Technology

- Benefits:
 - Long-term waste management option
 - Maximizes recycling
 - Financially stable
 - Minimizes environmental impact of waste disposal
 - Generates green energy



Conversion Technology in Action



Conversion Technology - What We Have



- County owned landfill
- Power plant
- Recycling & transfer centers
- Equipment
- Flow control
- ...more than halfway there.

Conversion Technology – Moving Forward

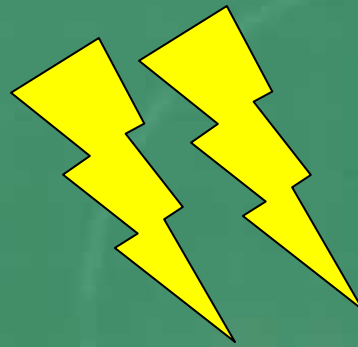
- South Coast region interested in picking up where CT subgroup left off
- City of SB and County will hire project manager to evaluate options
- Regional participation in the process
- Will return to Board when evaluation completed



Recycling Programs

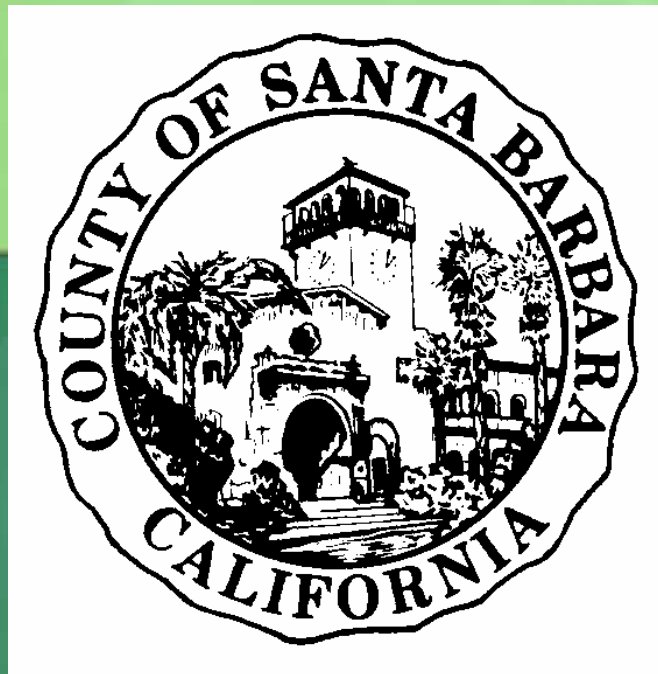


Green Energy



Environmental Protection





Department of Public Works
Resource Recovery & Waste Management

Questions?