

MSW and Biosolids Processing to Carbon Free Products



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Breaking Barriers to Sustainability



Wastewater
Biosolids



Source Separated
Organics



Municipal Solid
Waste



Food Processing
Waste



Agricultural Waste



Integrated
Solutions



Renewable
Power



Renewable
Gas



Recyclables

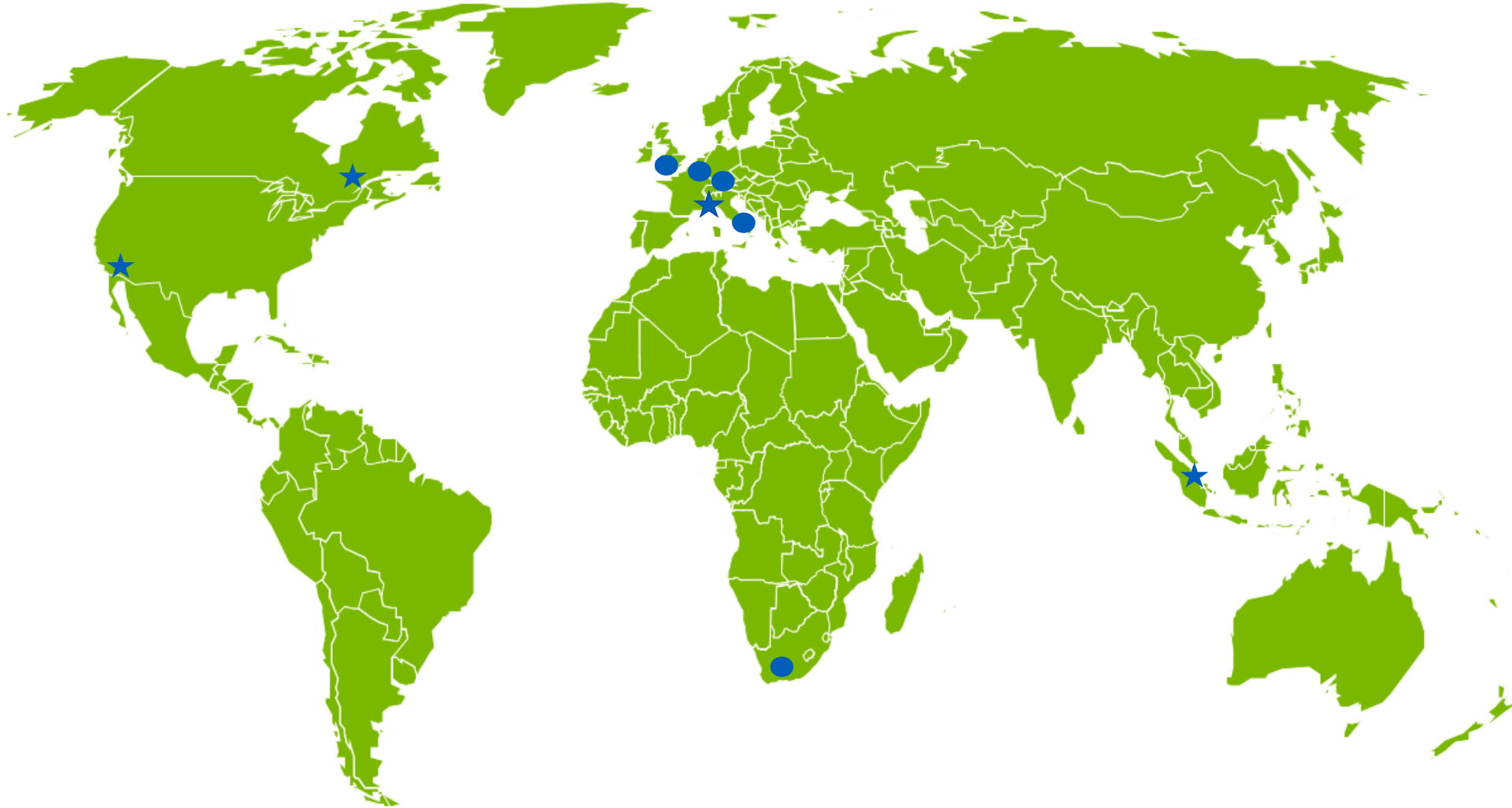


Fertilizer



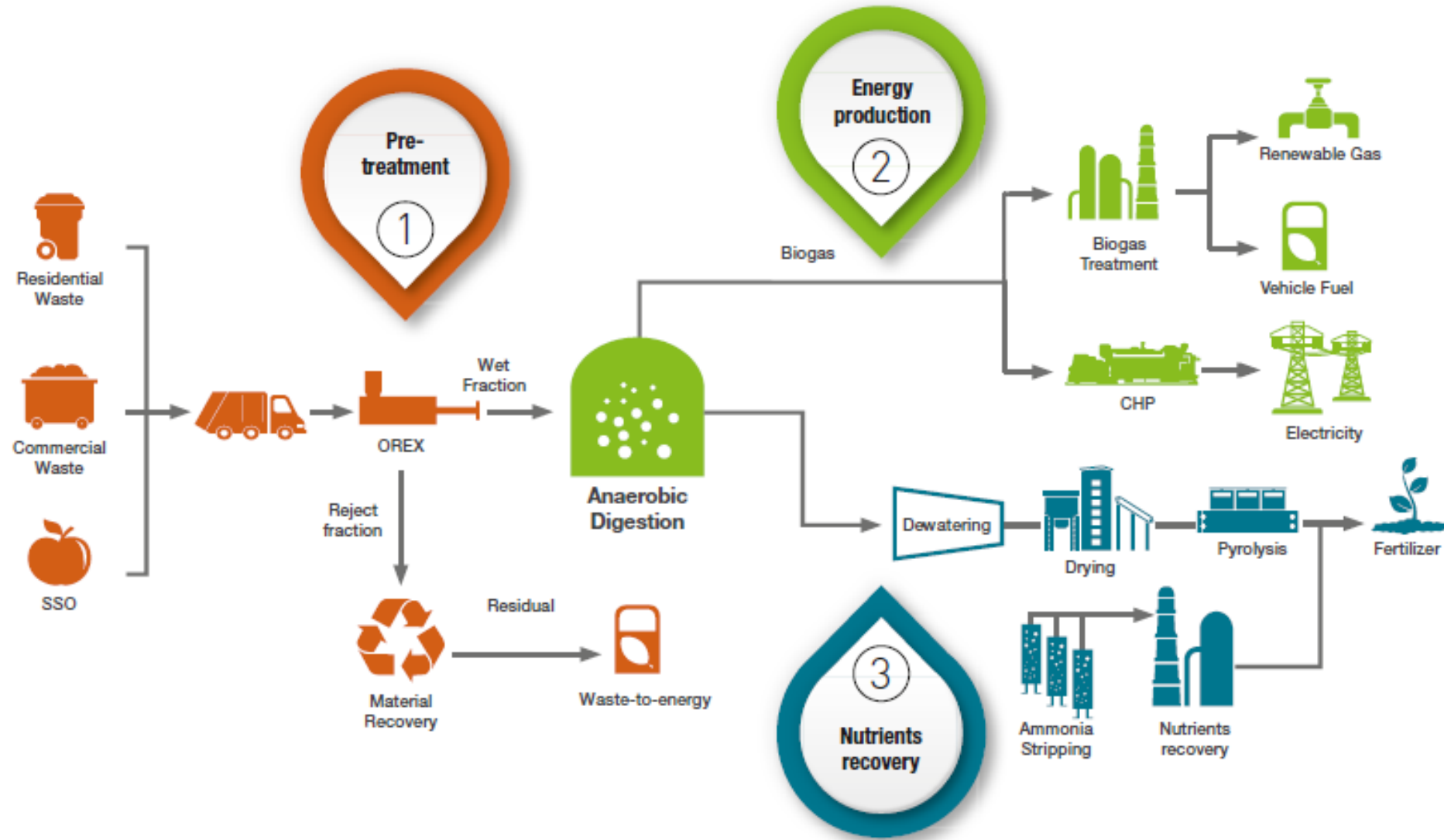
Clean Water

Our mission is to convert waste into useful resources, protect the environment, and sustain life for generations to come.



1,700+ Projects, 10 Offices, 3 Factories, 4 Continents

Anaergia's Capability Across Solid Waste and Wastewater



Select North American Facilities

Flexible delivery combinations of Design Build Own Operate Finance (DBOOF)



Solid Waste



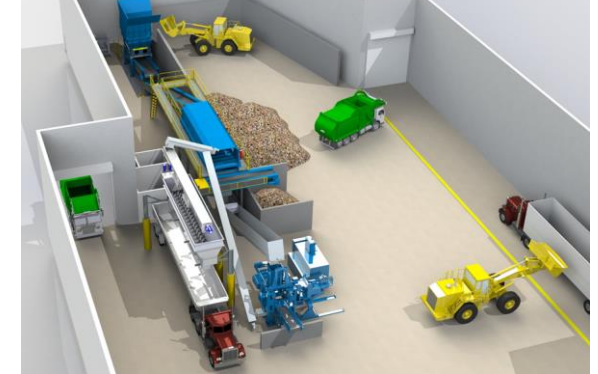
**CLIENT: SOUTH BAYSIDE WASTE
MANAGEMENT AUTHORITY (SBWMA)**
LOCATION: SAN CARLOS, CALIFORNIA
DELIVERY: DB + SERVICE



CLIENT: WASTE MANAGEMENT
LOCATION: SUN VALLEY, CALIFORNIA
DELIVERY: DB + SERVICE



CLIENT: CITY OF TORONTO
LOCATION: TORONTO, CANADA
DELIVERY: PROCESS + SUPPLY + O&M



CLIENT: UNIVERSAL WASTE SYSTEMS
LOCATION: LOS ANGELES, CALIFORNIA
DELIVERY: DB + SERVICE

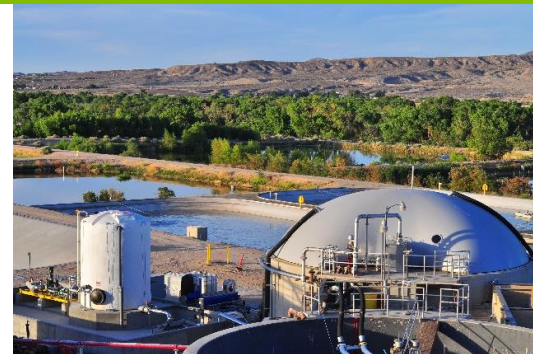
Wastewater



CLIENT: ANAERGIA
LOCATION: RIALTO, CALIFORNIA
DELIVERY: DBOOF



CLIENT: EAST VALLEY WATER DISTRICT
LOCATION: HIGHLAND, CALIFORNIA
DELIVERY: SUPPLY



**CLIENT: VICTOR VALLEY WATER
RECLAMATION AUTHORITY (VWRA)**
LOCATION: VICTORVILLE, CA
DELIVERY: DBOOF

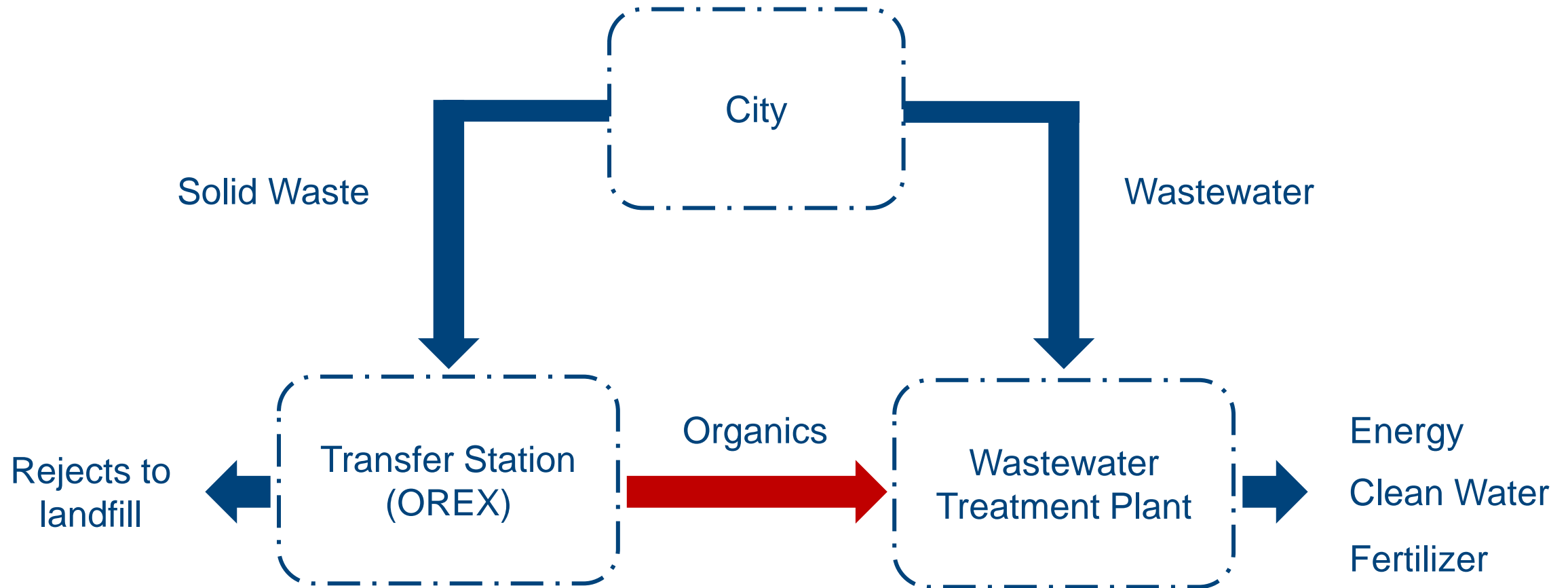


**CLIENT: CAMDEN COUNTY
MUNICIPAL UTILITIES AUTHORITY
(CCMUA)**
LOCATION: CAMDEN, NJ
DELIVERY: SUPPLY + O&M



**CLIENT: HALE AVENUE
RESOURCE RECOVERY FACILITY
(HARRF)**
LOCATION: ESCONDIDO, CA
DELIVERY: DBOOF

Anaergia provides cost effective outlet for organics to local AD infrastructure

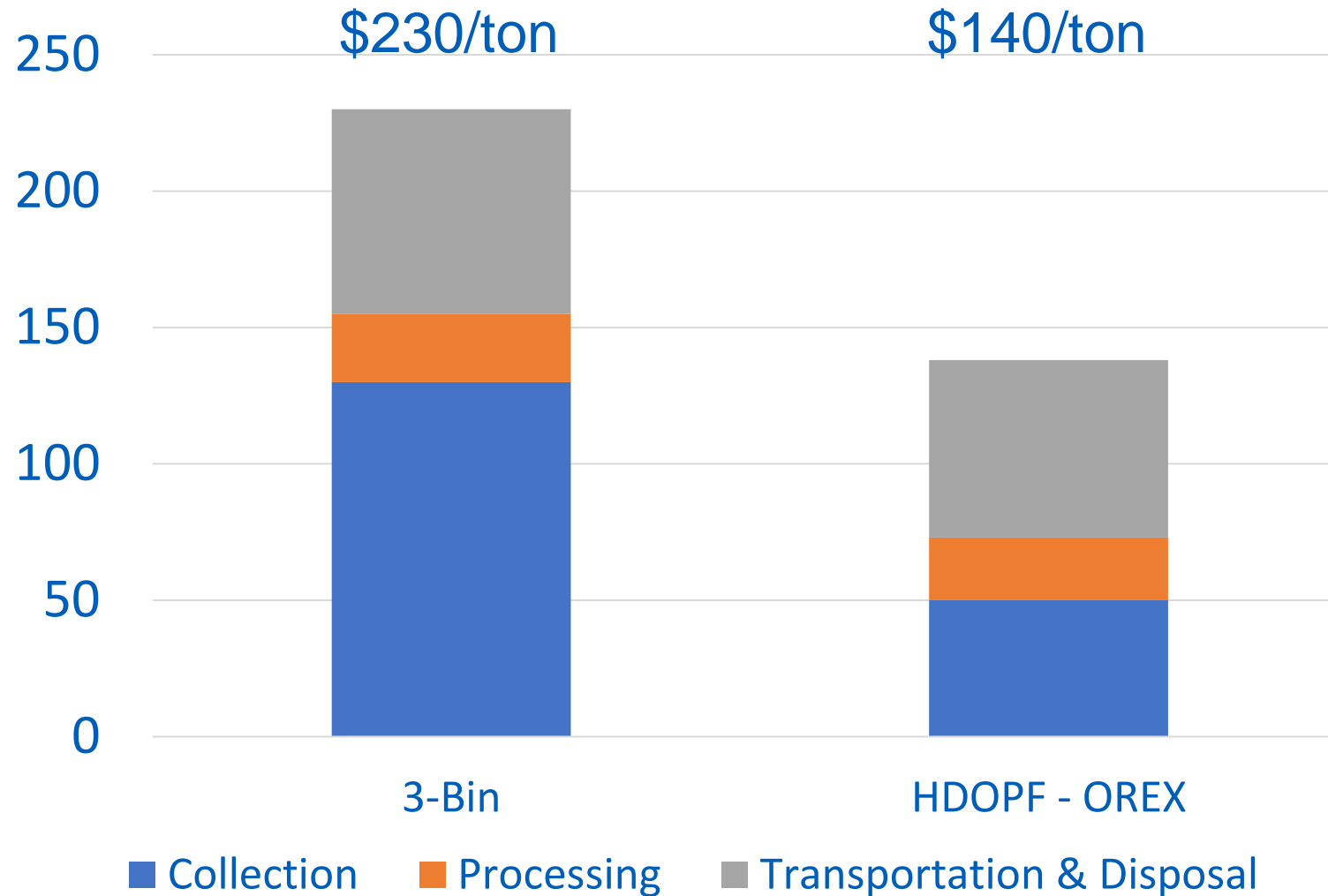


SB1383 allows for 3-cart, 2-cart, or 1-cart collection

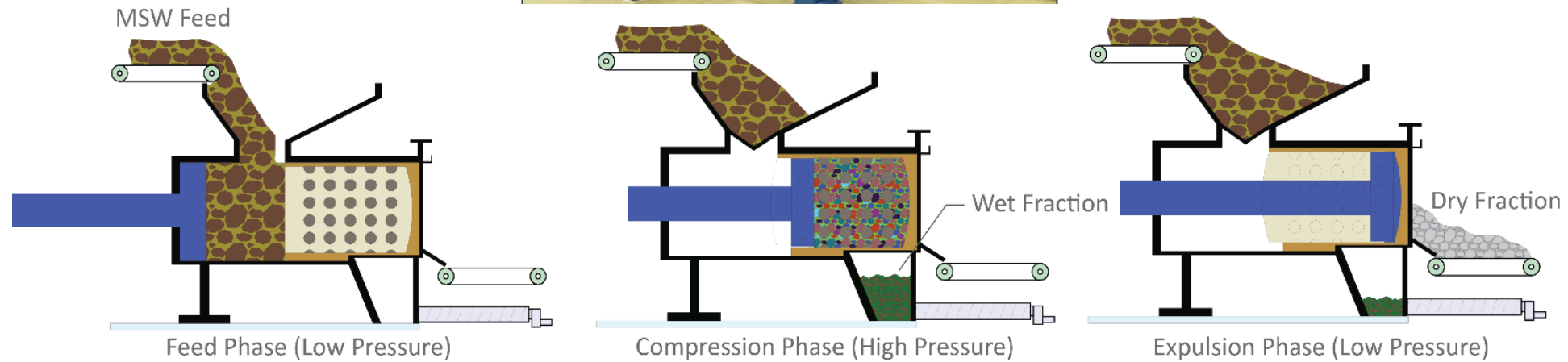


High Diversion Facility Provides Compliance Solution for Any Collection Option

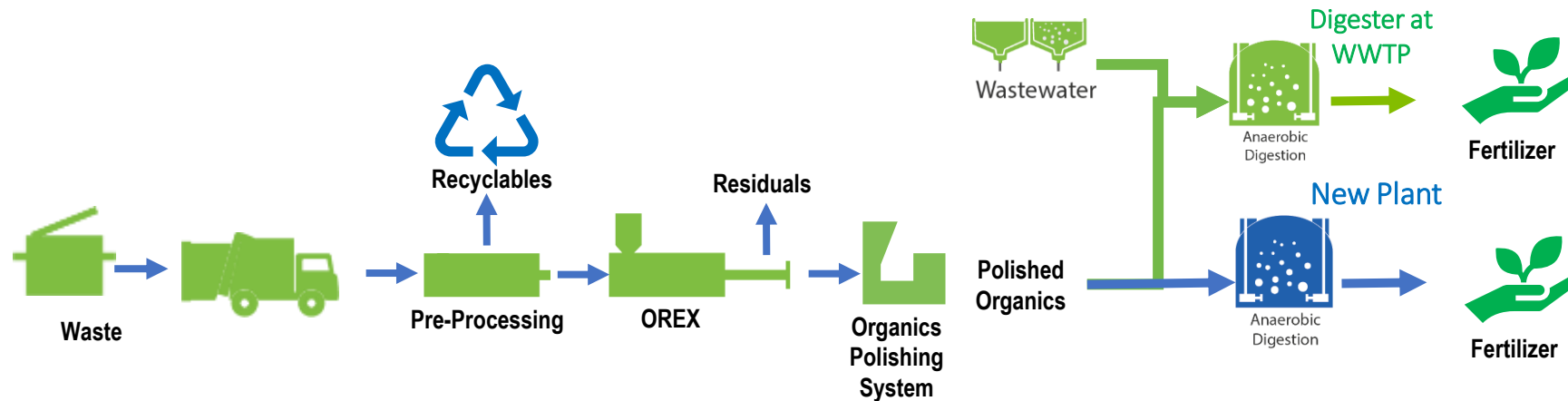
Processing black bin trash through HDOPF using OREX offers 40% savings compared to 3-Bin collection



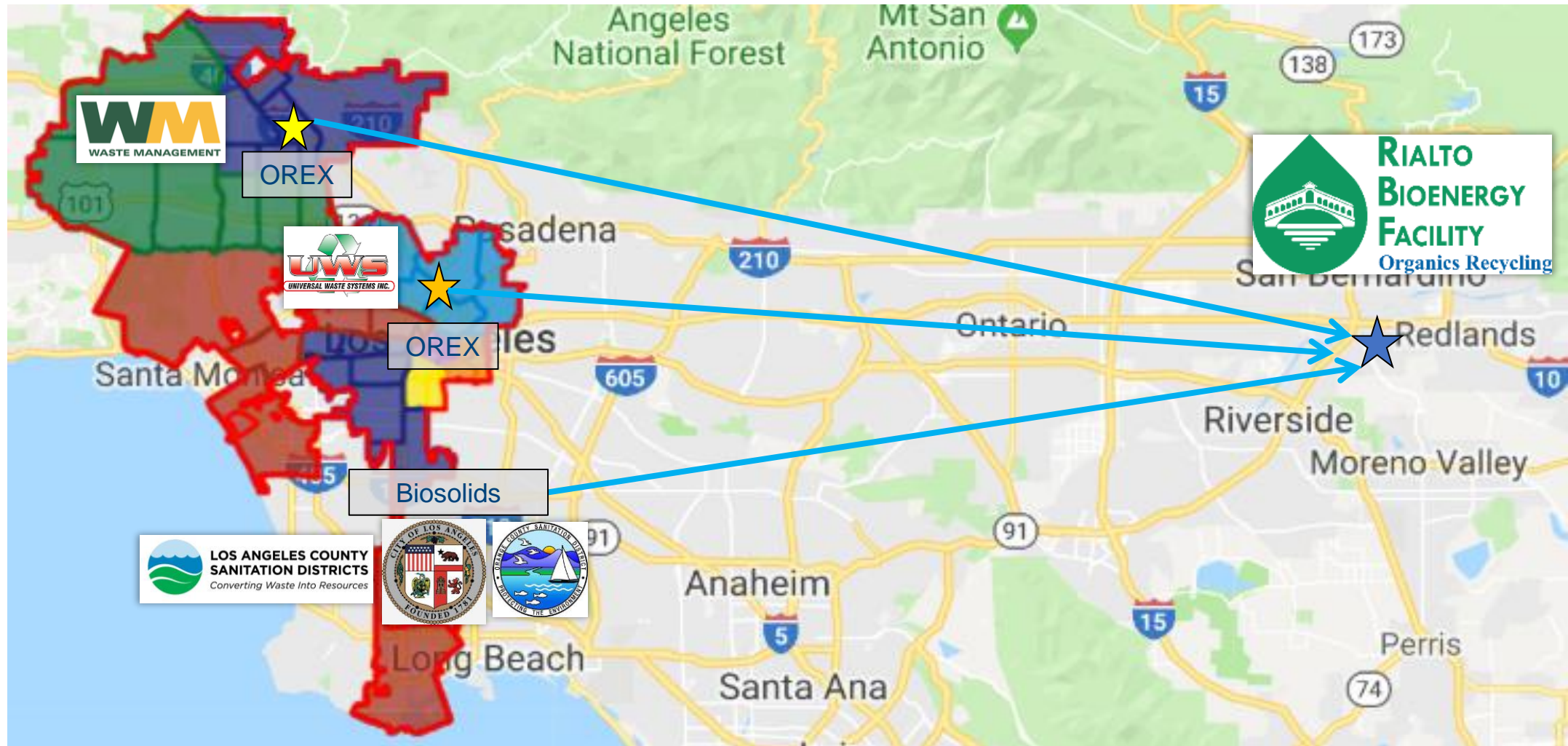
Organics Extrusion Press (OREX) Separates Organics from Municipal Solid Waste (MSW) to Produce Renewable Energy and Fertilizer with AD



OREX + Organics Polishing System (OPS) Generates Digestible Organic Slurry



Anaergia's Rialto Bioenergy Facility Converts Organic from MSW and Biosolids in Carbon Free Fuel and Fertilizer.



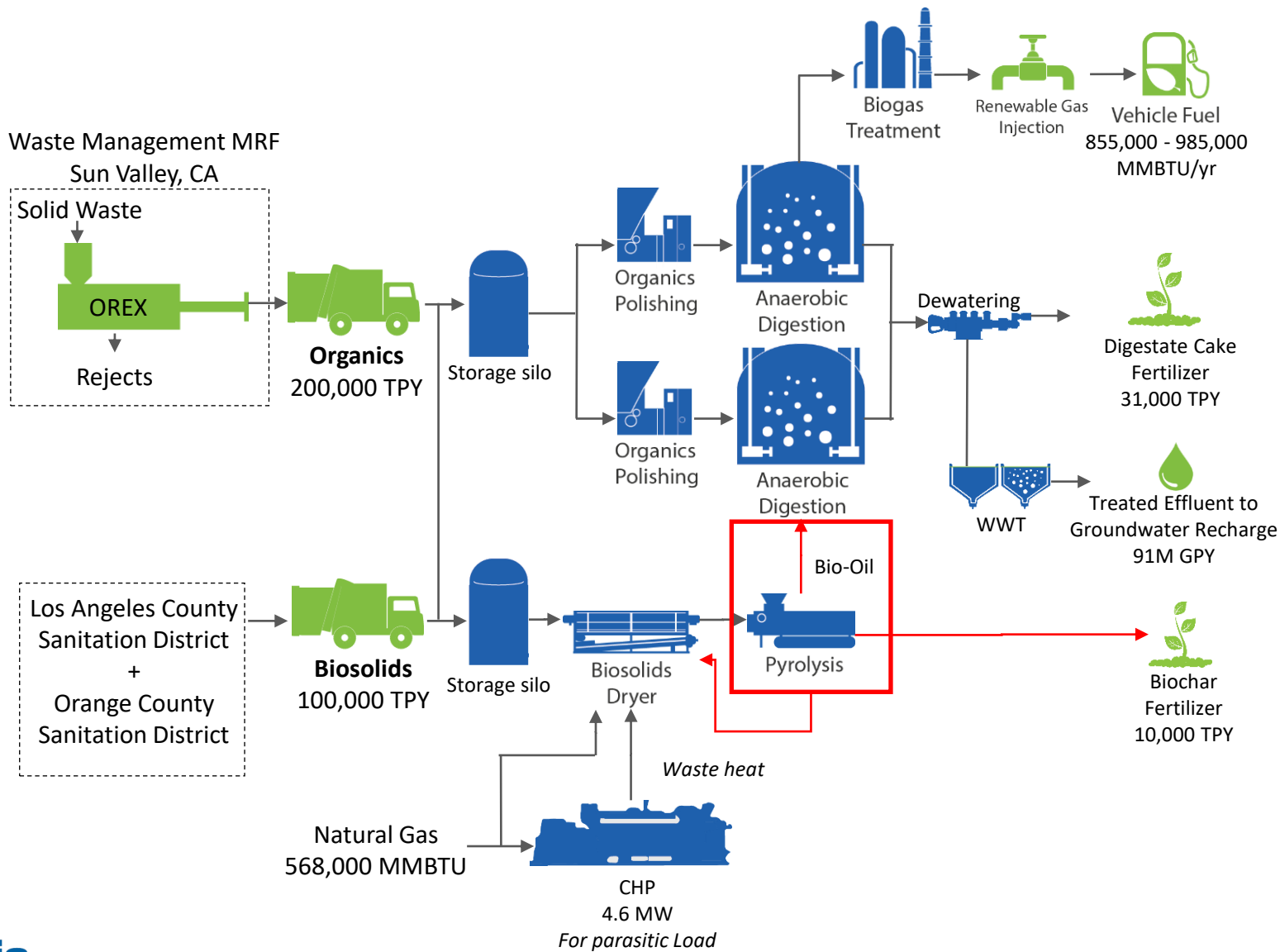




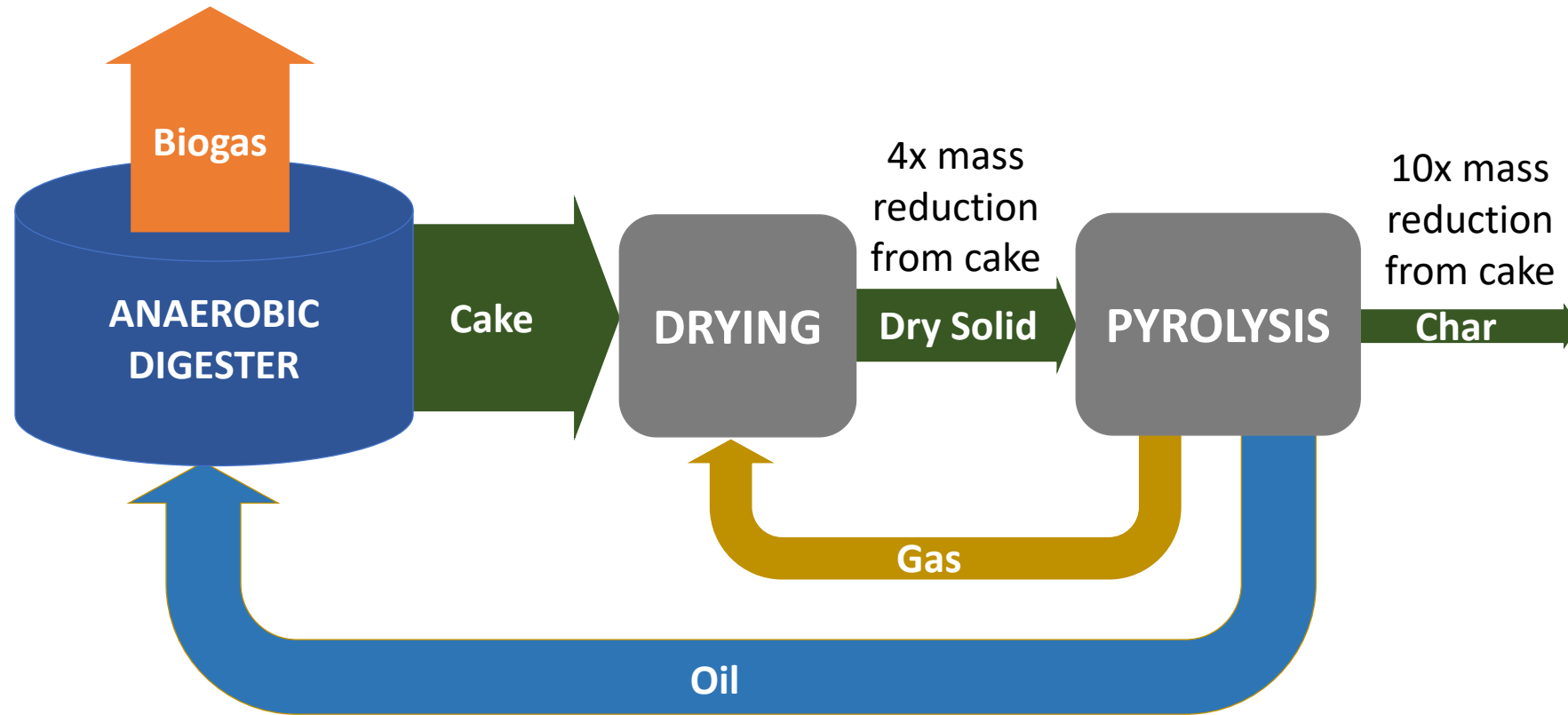
Rialto Bioenergy Facility: Largest Organic Waste to RNG Digester Facility in North America



RBF Converting Organics from MSW to RNG and Biosolids to Biochar Fertilizer



Pyrolysis Increases Biogas Production and Improves Biosolids Value: Less Residual Mass, Higher Value, More Biogas



Drying and Pyrolysis Processing Facility at Rialto Bioenergy Facility



Testing Shows Destruction of “Forever Chemicals”



Results shown are indicative of contaminant destruction through pyrolysis for the tested biosolids

Per- and polyfluoroalkyl substances (PFAS) in dried biosolids and pyrolysis biochar

Analyte	CAS	Detection Limit (ng/g)	Wastewater Treatment Plant Dried Biosolids (ng/g)	Pyrolysis Biochar Product (ng/g)
PFBA	375-22-4	2.00	ND ¹	ND
PFPeA	2706-90-3	2.00	ND	ND
PFBS	375-73-5	2.00	ND	ND
4:2 FTS	757124-72-4	2.00	ND	ND
PFHxA	307-24-4	2.00	5.53	ND
PFPeS	2706-91-4	2.00	ND	ND
PFHpA	375-85-9	2.00	ND	ND
PFHxS	355-46-4	2.00	ND	ND
6:2 FTS	27619-97-2	2.00	ND	ND
PFOA	335-67-1	2.00	2.92	ND
PFHpS	375-92-8	2.00	ND	ND
PFNA	375-95-1	2.00	ND	ND
PFOSA	754-91-6	2.00	ND	ND
PFOS	1763-23-1	2.00	3.47	ND
PFDA	335-76-2	2.00	ND	ND
8:2 FTS	39108-34-4	2.00	ND	ND
MeFOSAA	2355-31-9	2.00	3.14	ND
EtFOSAA	2991-50-6	2.00	ND	ND
PFUnA	2058-94-8	2.00	ND	ND
PFDS	335-77-3	2.00	ND	ND
PFDoA	307-55-1	2.00	ND	ND
PFTTrDA	72629-94-8	2.00	ND	ND
PFTeDA	376-06-7	2.00	ND	ND

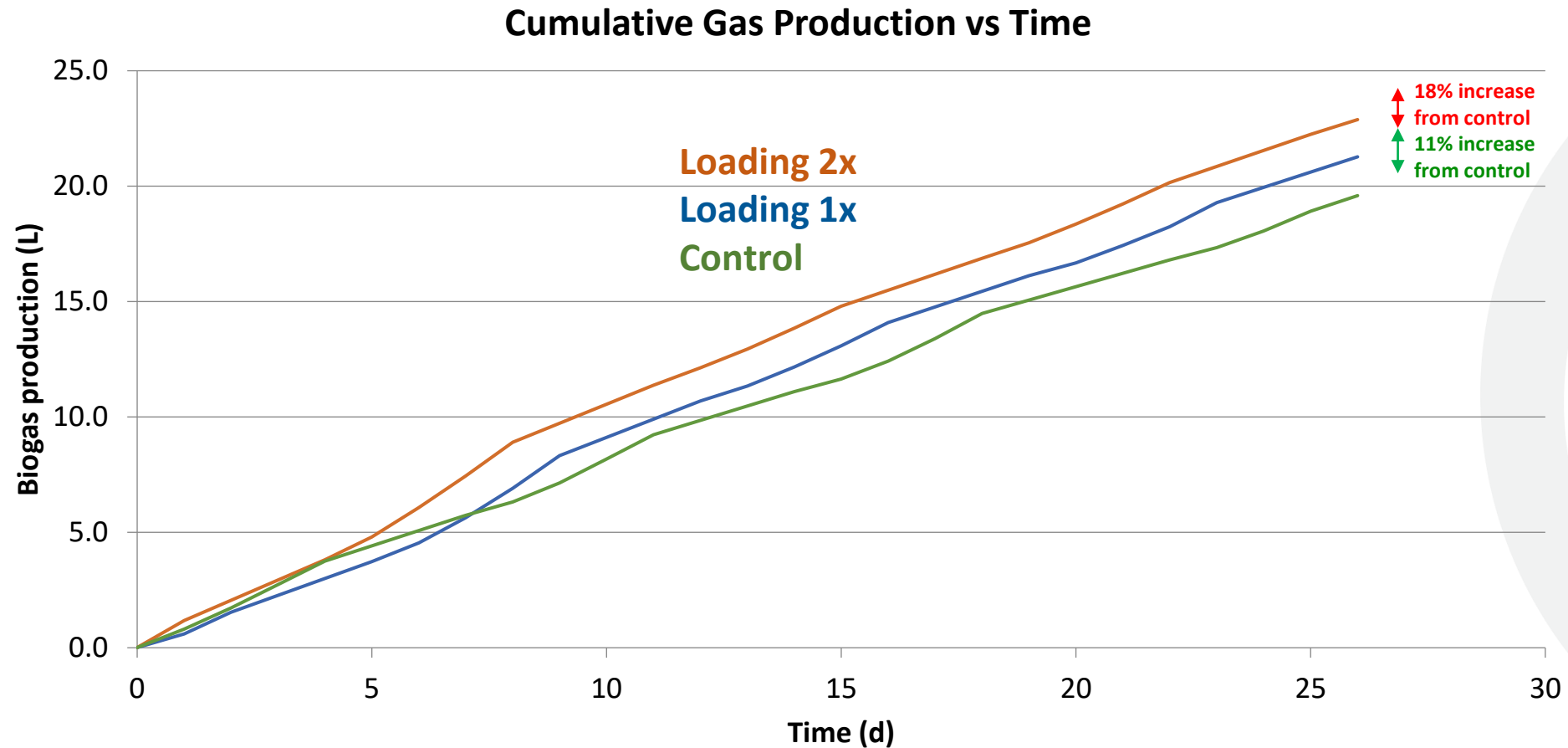
1. ND = not detected, below detection limit. All results on a dry weight basis.



Increasing Biogas Production from Pyrolysis

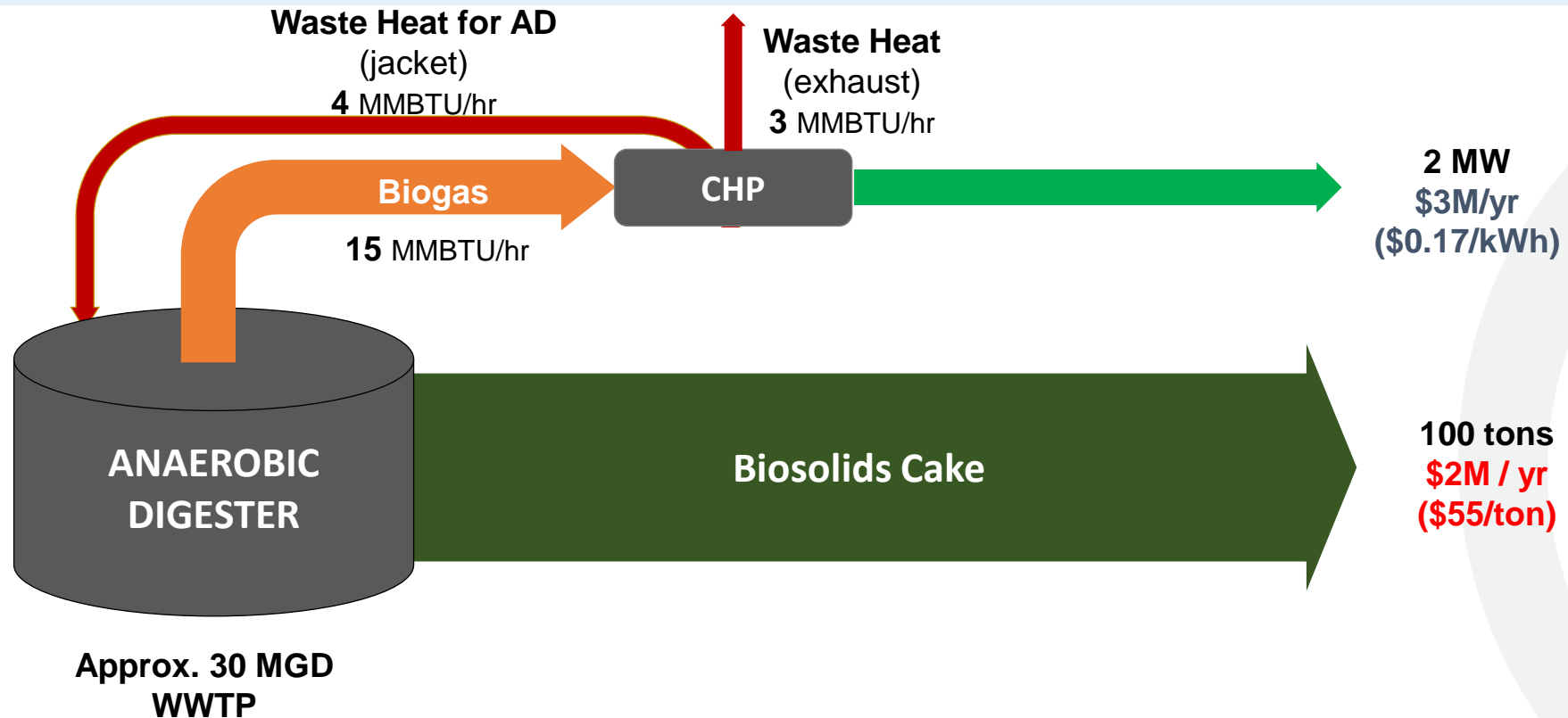


Condensable Oil from Pyrolysis fed to Test Digesters Demonstrate Increased Biogas Production





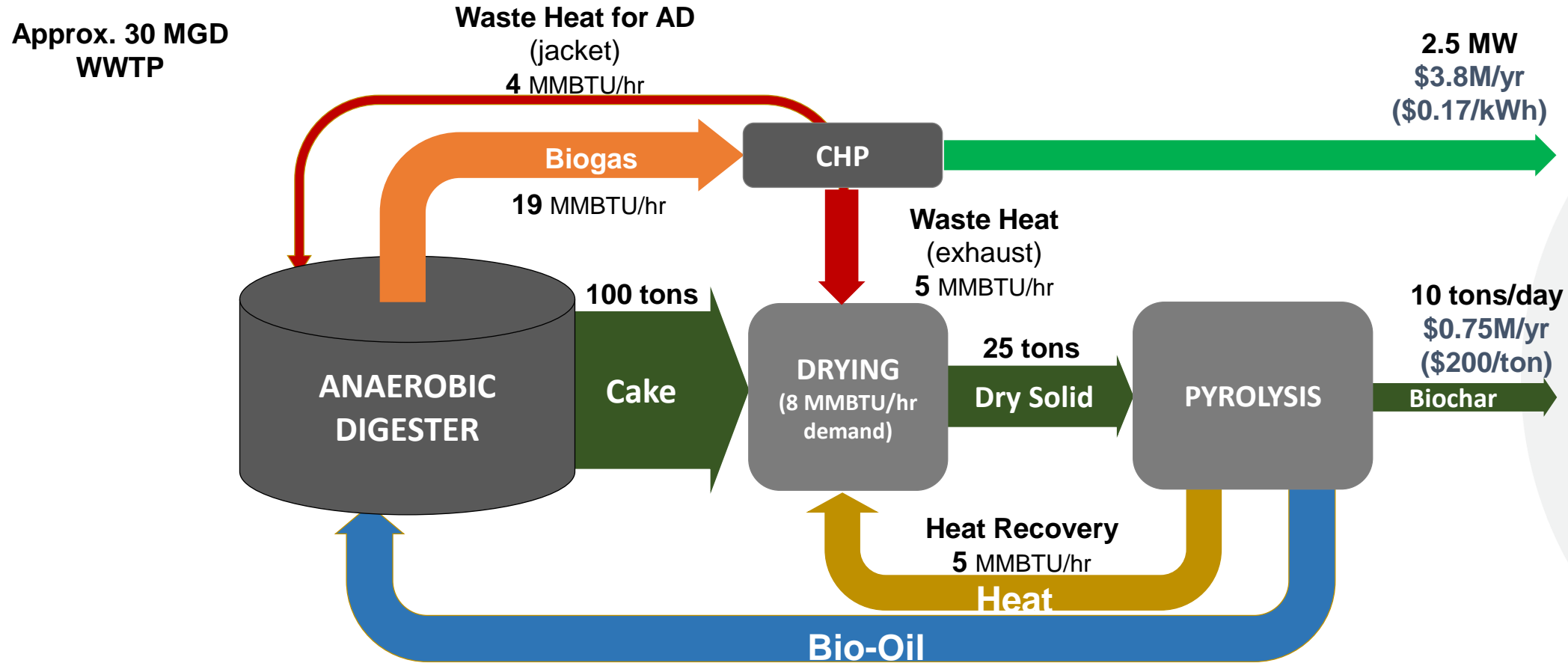
Typical WWTP Cogeneration Gas without Drying and Pyrolysis



PFAS Chemicals are land applied as biosolids



Pyrolysis Added to a WWTP



PFAS Chemicals are also destroyed and not land applied

Thank you



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