

Blue Line Biogenic CNG Facility

South San Francisco, CA

Owner: South San Francisco Scavenger Company
Developer: Zero Waste Energy (ZWE)
Contact: Doug Button, 831-649-2334

In partnership with Blue Line Transfer Inc. and South San Francisco Scavenger Co., ZWE designed and developed the Blue Line Biogenic CNG Facility- a project essential in addressing numerous AB 32 requirements in California. The SMARTFERM dry AD system transforms

11,200 tons of food and green waste per year into biogenic compressed natural gas (bio CNG) and digestate that is processed into organic-certified compost. It is estimated that each collection vehicle will collect enough organic waste during just one route to fuel it for an entire day, creating a true closed loop system.



Organizations involved: *Blue Line Transfer Inc., South San Francisco Scavengers Company, Zero Waste Energy (ZWE)**
**ABC Member*

Inputs and Outputs

Source of biogas:	Dry Thermophilic AD
Feedstocks:	Commercial and residential SSO.
Products created:	Up to 120,000 diesel gallon equivalents of renewable CNG
Digestate management:	Organic-certified compost
Biogas generation:	35,200,000 cubic feet per year.

Finances, Beneficiaries, and Expansion

Project financing:	Project financed by Blue Line Transfer and California Energy Commission AB 118 Biofuels Grant.
Customer(s):	Blue Line Transfer to fuel collection vehicles
Environmental and economic beneficiary:	Blue Line Transfer Inc

Photos

