



*Integrated Food Waste Digester
&
Field Operations Training Hub*



TB Consulting and KOrganics kofrass.com will be the applicant for the phase 1 feasibility analysis & TB Consulting will manage the BEAM grant & supply the recommended content and systems integration scenario options.

Grant, www.eventcreate.com/e/business-funding-opps

Modesto Junior College (MJC) interns will have a role in the economic analysis. <https://mjc.edu>

Soil & Energy Program Objectives

- The intent is to create a pilot site for an integrated closed loop and self-sufficient small farm on property in the SJV
- The project advisor and coordination is TB Consulting and the goal is aligning information with MJC, Stanislaus State &, UC Merced and community groups.
- The priority is open-source education & training

Chomp Energy Digester

Jan Allen is Founder of Impact Energy, presently
Chomp Energy video: chomp.energy/how-it-works

I met Jan in 2003 when he was with CH2MHill in the Redding office. At the time, ABT was working with dairy digesters in the San Joaquin Valley. Jan was in R&D process engineering a prototype green waste digester system for the urban biomass sources

Website www.chomp.energy

Date: Thu, Jun 2003

From: 3an.Allen@ch2m.com

To: thorb7342@yahoo.com

CC: Joel.Kimmetshue@ch2m.com

Hi Thor,

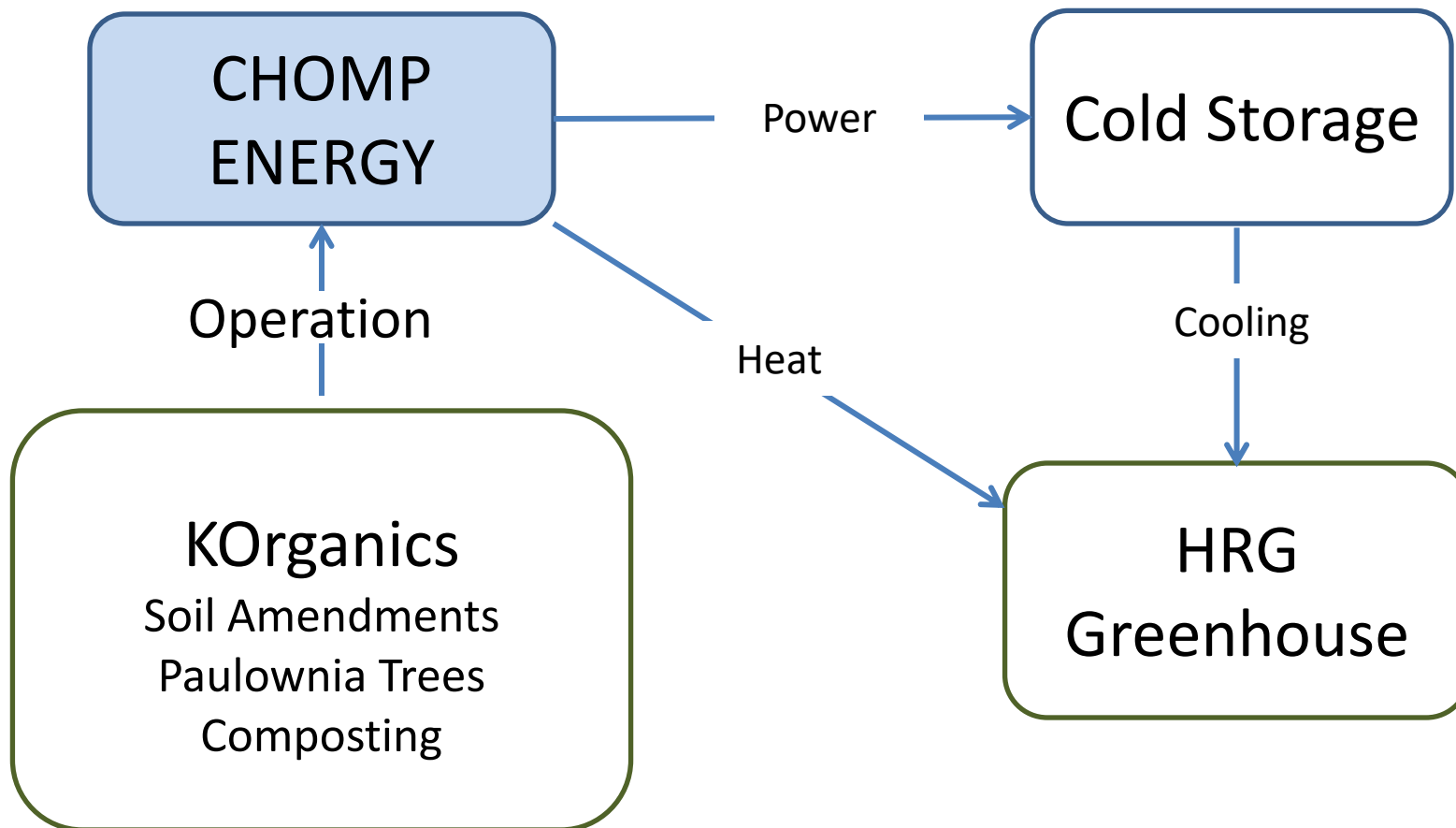
We would be happy to continue to collaborate on an informal basis to help identify and create benchmark projects that help the organic materials reuse industry grow.

We are particularly interested in finding projects where Applied Biomass Technology (ABT) can operate these systems and find the highest and best use for the resulting products. Your firm can offer CH2M HILL the most value in the implementation of biomass reuse projects!



Integrated Project Concept Flow Chart

This chart is a simple outline and extensive feasibility will be prepared including a detailed business and operations plan.



Machado Family Farms Is Pilot Farm

There are several site options, but Drew Cheney is the ideal farm manager to collaborate with [Drew Cheney | LinkedIn](#). In 2010 Thor spend about a year working with Drew related to Educating the PUC Directors about farming and energy immigration hurdles.

[Machado Family Farms: Where Farming + Fitness Meet - California Grown](#)

Technical Associate

Robb Shirazi, Ph. D

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Research Horticulturist

Horticulture Research Group (HRG) LLC



Project Onsite Greenhouse



10/18/2022

MGO Farm Project Overview

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3/4/2025

CHARganics Concept Outline BEAM Grant

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SUPPORT CALIFORNIA FARMERS



<https://californiagrown.org>

RegenX-TBC appliedbiomass.org intends to develop a statewide contacts data base by integrating existing links to organic growing operations utilizing biochar as a component of soils improvement.

GROWERS WARM TO COLD STORAGE OF FOOD STUFFS

Chico Enterprise Record

By Heather Hacking, Published [November 22, 2009](#)

A cold storage facility for storing local-harvest goods is an idea in the works by the Butte County Resource Conservation District.

Some folks have already said there is a need for a regional facility, and the Butte County Resource Conservation District is interested if others would like to get together to try to make it happen.

Transportable Cold Storage Unit Examples

There are many prefabricated transportable systems available to utilize the waste heat from the Qualterra or other biomass energy system.



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