



*Integrated Biomass Management  
&  
Field Operations Training Hub*

## Collaborating Associates

### **CHARganics structure is similar to a franchise**

Ken Scherer – KOrganics / BEC

Tim Harding – Compost Collective

Eric Mayer – Biochar Coalition

Kelpie Wilson – Wilson Biochar

Ali Flynn – Natural Solutions

Thor Bailey – TB Consulting

Richard Grove – Cal Agresource

# CHARganics Managing Partners



Ken Scherer

Tim Hardin

# 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 Northern Calif.
- The project advisor and coordination is TB Consulting and the goal is align information with BEC, Butte College, Chico State and community groups.
- The priority is open source education & training



KOrganics (KO) has built a solid foundation for expanding a bio-char and biomass reduction focused initiative. The primary activities include mentoring students and support of research in new uses for biomass residues, creating new markets for products developed from agricultural waste, and developing the feasibility of converting waste residues into soil amendments. This can range from simply supplying a bag of MycelChar to a gardener to full scale development of waste conversion reintegration components for any farm.

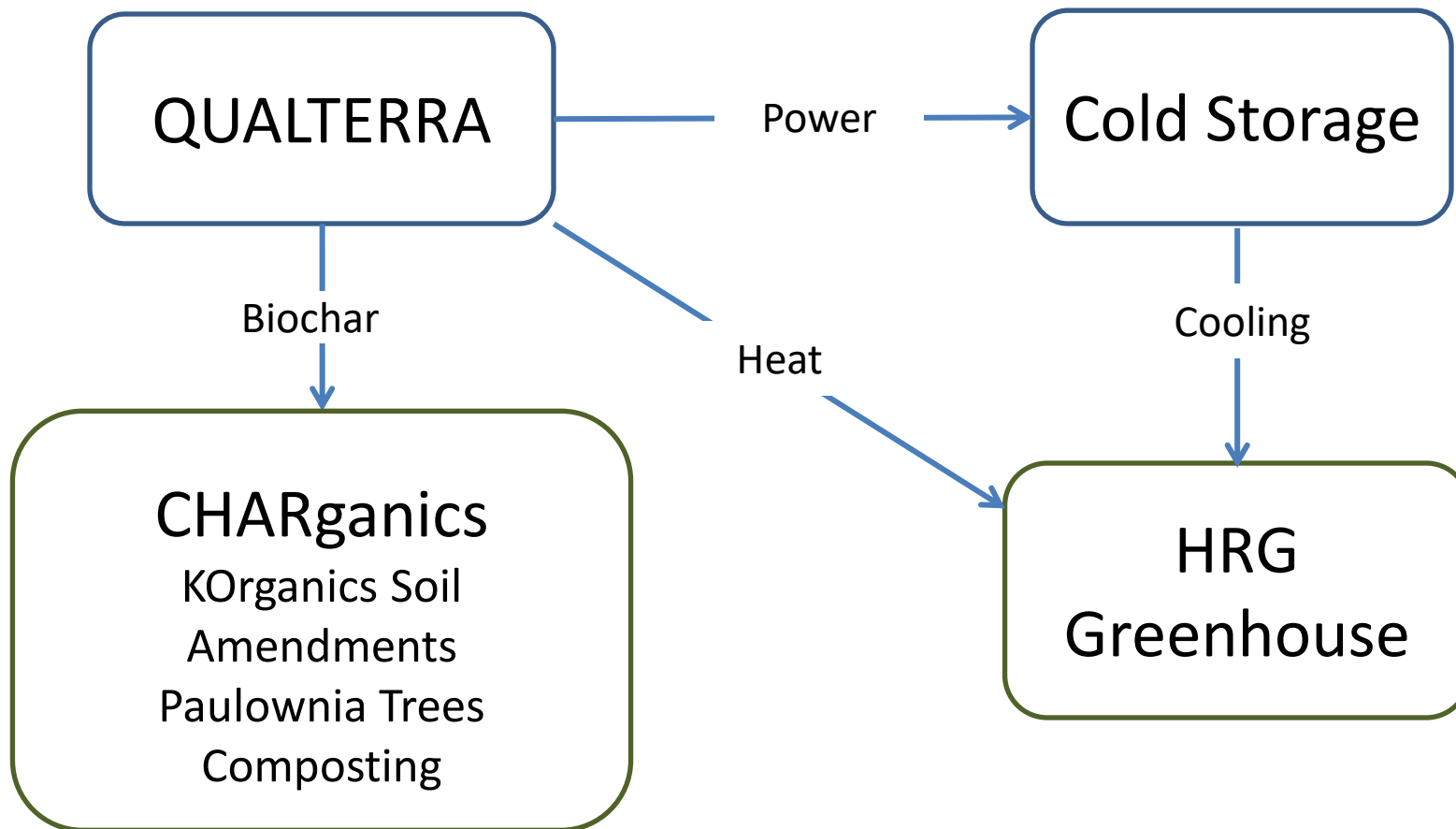


<http://www.qualterraag.com/>

QUALTERRA owns Ag Energy and is a leader in plant and tree fruit production and genetic testing acquired Ag Energy Solutions, a pioneer in plant-based biochar and green renewable energy systems. This exciting combination of plant technologies and agricultural biomass processing is a full-service solution for the agriculture community. This new organization will benefit those that want to implement sustainable agricultural practices and increase the quality and quantity of their yields.

# Integrated Project Concept Flow Chart

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



# Qualterra Greenhouse



# Technical Associate

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# SUPPORT CALIFORNIA FARMERS



[californiagrown.org](http://californiagrown.org)

CHARganics 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.



# T B CONSULTING

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