Qualco Energy
Bio-Gas Project

Werkhoven Dairy
Andy Werkhoven
Secretary
Jon Van Nieuwenhuyzen
Board Member

NW Chinook Recovery
John Sayre
Vice-President
Clare Nordquist
Treasurer

Tulalip Tribes
Daryl Williams
President
Kelly Finley
Board Member

http://www.Qualco-Energy.org
Introduction

Description of Project

How we Started (2001)
  - The Idea
  - Building our Relationships
  - Forming a Partnership
  - Jointly Lobbying for Federal and State Support

Forming Qualco Energy as a three-Way Partnership

Qualco’s Mission
Project Description

- Sewage Treatment for Cow Manure
  - Collect Cow Manure from Dairy
  - Collect Ag. Waste and Pre-Consumer food Waste
  - Pump into Anaerobic Digester
  - Capture Methane Gas
  - Burn Gas to Produce Electricity
  - Remove Solids from Digestate for Composting
  - Return Digestate & Compost to Farms
A Mutual Friend asked for a meeting between the Tulalip Tribes Chairman, NW Chinook Recovery ED, and a Farmer to talk about how we could work out differences and potentially work together.

After the first meeting they invited a few more people to participate and look at the feasibility of building a Dairy Digester to:
- Help improve Water Quality in the adjacent Streams and Rivers,
- Improve Economics for the Dairies, and
- Generate Renewable Energy
Building our Relationships

- Sharing Long-Term Vision
  - Maintaining a Healthy Environment
  - Farm Sustainability
- Sharing Resources and Expertise
- Developing Trust
  - Regular Meetings
  - Learning About Each Others Interests and Needs
  - Sharing Responsibilities
  - Traveling Together
  - Promising to Support Each Other and Following Through
Forming a Partnership

- Formed a Partnership to Move Forward with Funding Requests for Construction and Land Acquisition/

- Partnership Included:
  - Farmers,
  - Northwest Chinook Recovery, and
  - Tulalip Tribes
Jointly Lobbying for Federal and State Support

- The Partnership Travelled Together to D.C. to Lobby for Funding
  - Met with local Congressional Delegation
  - Met with Agency Staff to Ask How They Could Help
    - DOE – Feasibility Grant
    - USDA Rural Development – Construction Grant
    - IRS – Clean Renewable Energy Bonds
  - Met with State Legislature to Ask the State to Transfer Title of the Department of Correction Honor Farm to Tulalip
Forming Qualco Energy as a Three-Way Partnership

- As we Started Construction, We all Decided That We Wanted to Maintain the Partnership. (2008)
- Although Tulalip Owns the Property and the Equipment for the Project, We Decided to Form Qualco Energy as a Management Company
- Qualco is a Non-Profit Corporation Comprised of:
  - Northwest Chinook Recovery,
  - Sno/Sky Agricultural Alliance (first 10 Years)/ Werkhoven Dairy, and
  - Tulalip Tribes.
- Each Organization has 2 Board Members (Consensus Decision Making)
Qualco’s Mission

- To Develop and Manage the Biogas Facility.
- To Support Salmon Recovery Projects.
- To Support Sustainable Agricultural Demonstration Projects.
Questions?

http://www.Qualco-Energy.org