STEAM & ENERGY
use for Agriculture and Small Business Opportunities
STAKEHOLDER BENEFITS
(25 MW PROJECT)

Steam & Energy Use at COST or DISCOUNTED Price

- Secondary Small Business Opportunities - “Cascading Effect”
- Ammonia for Fertilizer
- Hydrogen Economy Exploration & Development
- Electric Car Battery
DIRECT USE OF GEOTHERMAL STEAM

Timber Drying Operation
170 - 180°F
FOOD DRYING USING GEOTHERMAL STEAM

80° Fahrenheit
GEOTHERMAL: HOT & GREENHOUSES

Agriculture Based Climate Control Facilities

Aquaponics Greenhouse Garden
QUESTIONS TO CONSIDER
1. Is there a Community Entitlement or Trust Asset Involved?

2. Is there a Community Expectation? (Past or Present)

3. Do you need Community Input? [IN]

4. What benefits is the developer deriving from this project? & can these benefits be shared?
How are you defining “Community” & “Benefit”

COMMUNITY = Neighbors, Natives, Public, County, Island and State

Who is it Really?

BENEFITS = Money, Products of Projects Opportunity

What ‘tangible’ benefits arise from the project?

1. Who is being impacted by the project and how?

2. Which benefits, being derived from the project, can realistically be shared with the COMMUNITY? ($, opportunity, products/services)

3. Are there benefits the community wants or needs that are not derived from the project?
Primary Considerations

1. Who is paying for the benefit or benefit package & how?

2. How is the PROMISE of the benefit being memorialized (legally) & how will it be enforced?

3. When does the benefit become a reality & who has oversight of the benefit being implemented?

4. If a capitol improvement is part of the benefit package, who has control (title) of the asset / building & who has the operation & maintenance responsibility in the future?
Structuring a Community Benefit Package

- What does the community WANT & NEED? (Survey instruments, community meetings, working with collectives, etc)

- Collectives are:
  - Small Businesses
  - Chamber of Commerce Members
  - Homestead Associations
  - Etc.

- Canoe Clubs
- Farmers
- Labor Unions
Structuring a Community Benefit Package

A. Interfacing the project with other opportunities:
   Example: low tech applications of geothermal steam for timber, food drying, commercial packaging, the Health & Wellness industry and Tourism

B. Benefits that have little or nothing to do with the project:
   Community Trust, how it works & why it is a good tool

C. The promise of jobs: Promises ARE NOT jobs
   - Get it in writing in the PDA (Project Development Agreement)
   - On the Job Training (OJT) necessary for community members to meet all Job Qualifications
   - Scholarships for Specialized Training