Kearsarge Valley Transition Initiative:
Final Presentation

Presented by:
The 2013-2014 Community Based Research Team
The Nine Towns of the Kearsarge Valley Transition Initiative (KVTI)

Legend:
- KVTI Towns
- New London and Andover
- Residential
- Business
- Prime Agricultural Land
- Farms
- Water Bodies

Map Created By: Theodore Hoople, CSC
Source: UNH Granit Server
1. Introduction
2. Concepts
3. Energy Descent Action Plan (EDAP)
4. Working Groups
5. Actions
“By unleashing the collective genius of those around us to creatively and proactively design our energy descent, we can build ways of living that are more connected, more enriching and that recognize the biological limits of our planet.”

• Rob Hopkins
GOALS OF THE KEARSARGE VALLEY TRANSITION INITIATIVE (KVTI)

- Strengthening Community
- Addressing Global Issues
- Relocalization
- Building Resilience
- Living Sustainably
CLIMATE CHANGE IN NH

- Extreme weather events
- Impacts to agriculture
- Impacts to the economy

Figure: NECIA (2006)
OIL DEPENDENCE

Source: Food and Agriculture Organization of the United Nations
ENERGY UNCERTAINTY

World Oil Production 1900-2080

Millions of Barrels Per Day

- 1900
- 1920
- 1940
- 1960
- 1980
- 2000
- 2020
- 2040
- 2060
- 2080
WHAT IS AN EDAP?

- Energy Descent?

- Outline of visions, goals, and plans that can help promote sustainable practices and resilience within the community

- “Working Document”
  - Revision to better serve the community
  - Freedom to add or revise
  - Address current and future goals
New London and Andover Renewable Energy

Type of Energy

Output in GWh

- Solar Potential
- Wind Potential
- Biomass Potential
- Energy Needed
TRANSPORTATION

New London and Andover Commuting Practices (%)

- Drive Alone: 80%
- Carpoled: 6%
- Walked: 4%
- Other Means: 4%
- Worked at home: 6%
HEALTHY ALTERNATIVE

Skin Irritation

Immune Booster

Coughing

Witch Hazel

Elderberry

Cherry Bark
A solar water system can reduce your dependence on heating oil by up to 80%.

One solar panel from the Colby-Sawyer College array will produce 283 kWh each year, 24 of these panels could collect enough energy to power an average house for a year.

Weatherizing your home can drastically reduce energy requirements.
LOCAL ECONOMY

“When people buy produce at a supermarket vs. a local farmer's market or community supported agriculture program twice the money stays in the community.”

-New Economic Foundation
Maximum Caloric Output of Current Ag Land

- Fruits: 4 million calories
- Veggies: 6 million calories
- Dairy: 16 million calories

Potential Caloric Output of Prime Soil: New London and Andover

<table>
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<tr>
<th>Product</th>
<th>Calories Possible</th>
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<tr>
<td>Fruit</td>
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<tr>
<td>Vegetables</td>
<td>Andover: 30</td>
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<tr>
<td>Dairy</td>
<td>New London: 40</td>
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<td></td>
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EDAP CONTRIBUTIONS TO THE COMMUNITY

• Energy Security/Resilience

• Personal Security

• Measurements of progress

• Creation of a catalyst
WORKING GROUPS

Eat Your Yard  
Time Bank  
GRAZE  
Speaker Series
EAT YOUR YARD

• Transforming yards into edible landscapes
• Moving away from our current food system
KEARSARGE TIME BANK

Goals:

• The exchange of services between community members without money, instead using time.

• Key Points:
  - Equal Time
  - Recycling system
  - Bridge Generational Gap
  - Time dollar = Hour
  - Self Sustaining
Morgan bakes a pie

Doug loves homemade pie

Doug fixes Kenny’s bike

Kenny needs bike repairs

Morgan needs groceries

Kenny offers help

Doug fixes Kenny’s bike
CONVERSATION CAFÉ AT GRAZE SUSTAINABLE TABLE

Events aimed at …

• Inspiring open discussion
• Promoting sustainability and relocalization
• Bringing the community together
THE VALUE OF TIME
February 23, 2014

- Visions of Permaculture
- Emotional Awareness, Healing, and Harmony
- The Value Of Time
- A New Year Of Sustainable Habits
- Living Your Passion
BIKE TUNE-UP EVENT!

GOT SPRING FEVER?
Dust Off Your Bike
Community Tune-Ups & Bike Swap

Music by Nick’s Other Band
Admission is FREE!

• Bring your bike for a free tune up
• Do-It-Yourself hands on workshop to learn how to tune up your own bike
• Bring your unused bike and swap it for a different bike- or donate it for someone who will love riding it!
• Learn about Transition working groups Time Bank & Eat your Yard

Sunday, May 4th, 2014
12:00-3:00p.m.
New London Town Green

In-person donations will receive a coupon from a local business!
LIMITED PICK-UP SERVICE AVAILABLE FOR DONATED BIKES AND/OR SIGN UP TO REQUEST A BIKE
For more details contact: Candis Whitney, 603-877-0031, candiswhitney@gmail.com
Doug Foley, 978-609-7692
Kearsarge Valley Transition Initiative - www.keaarsargetransition.wordpress.com

Event Supported by:

- Village Sports
- Kearsarge Valley Transition
- Colby-Sawyer College
- Hole in the Fence Cafe
- Pizza Chef Restaurant
- Arctic Dreams - New London, NH
WHAT'S NEXT FOR THE KVTI?

- Publish EDAP on Colby-Sawyer Website
- Working Group Future
- Community Implementation
HOW TO GET INVOLVED

1. Email list
   - transition.town@colby-sawyer.edu

2. Meetup website
   - www.meetup.com/Transition-Kearsarge/

3. Kearsarge Transition Website
   - www.kearsargetransition.wordpress.com
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Steve Allenby</td>
<td>Leon Malan</td>
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<td>David Beckett</td>
<td>Ana Miner</td>
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THANK YOU!

Questions/Comments?