Reflections on a Lifetime of Working with Algae for Human Needs

John Todd, Ph.D. @
Algae to Biofuels Conference, UVM, March 17-18, 2010
• Developing a Dynamic Systems Model for Solar Algae Ecosystems- 1978 to 1986 at the New Alchemy Institute
NITROGEN IN THE MODEL
DEVELOPING A SYSTEMS MODEL
Agro-Ecoparks
The Intervale
In Burlington

McNeil Power Station
Mosquito Island Agro-Eco Park

• An Algae-Centric Complex for Food, Water, Waste and Landscape Management
Mosquito Island Algae Centric Project

- Fresh Water Micro-Algae
- Fresh Water Algal Turfs
- Marine Micro-Algae
- Marine Algal Turfs
Mosquito Island Algae Centric Project

Sea Water
Agri-Waste
Biomass

Fresh Water Micro-Algae

Marine Micro-Algae

Marine Algal Turfs

Rainwater
Sewage
Grey Water

Fresh Water Algal Turfs
Mosquito Island Algae Centric Project
Mosquito Island Algae Centric Project
Mosquito Island Algae Centric Project
Mosquito Island Algae Centric Project
• WEBSITES

• www.oceanarks.org
• www.toddecological.com
• www.uvm.edu/giee/