

# Biochar and Regenerative Industry

# Where does the energy to power a regenerative system come from?



# Life

- Peter Donovan of the Carbon Coalition
- More energy available in watts per meter squared on the earth's surface than all man-made power combined.
- Solar, hydrological and the carbon/ photosynthesis process
- The trick is to understand living systems and how to work with them to capture this energy.

# Ground zero





# The conversion



# Add life





# Diversity and Management





# Surplus Yields





# Regional Industry



# Viewing the Region's Resources as a Whole

- How do the products allow for working with the available energy of the region?
- How can you tie products together to create multiple value streams
  - Socially
  - Environmentally
  - Economically



# SPARK Log Yard



# Biochar Addresses the Weak Links in Land Based Industries

- Forestry- gives value to worthless pulp-wood
- Farming- captures nutrient excess, holds nutrients where we want them (pollution is resources out of place)
- Manufacturing- provides heat, energy, filtering



