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To: Dan Breedon

Fr: Ed Miller

Subj: Candidate policies for consideration by the board of supervisors

Ref A: Amory Lovins, Natural Capitalism, Interview on new book and general approach of the Rocky Mountain Institute with Harry Kreisler on Conversations with history on UCTV. 1/9/09

Highlights: Ref A points up the need to recognize environmental and human resource portions of the so called natural capitalistic approach to solving major system problems. Lovins is particularly concerned that we minimize or avoid incrementalism on the way to achieving long term goals in a competitive business environment. E.g. this last week "this old house" program featured a rug service that embodied the closed loop principle advocated by Lovin.

Application to the general plan:

1. Examine the tax and GHG issues of increased use of leasing and service coverage in areas nominally associated with individual/organization ownership.
2. Examine the tax and GHG issues for high efficiency mobile vehicle and energy systems in general and provide county level policy support of activities with a worthy cost/benefit ratio. Charging stations and low sulfur diesel oil availability are typical items of interest.
3. Establish a goal for GHG wildland fire emissions based on running average levels from dendrology, recorded fire history and projected climate change.
4. Establish a goal for sustainability for Agriculture and Forest systems based on trend analysis and tipping point indicators. E.g the baseline for the Kyoto protocol calls for a 5% reduction in human caused GHG referenced to 1990 by the 2008-12 periods.
5. Establish growth limits based on water per capita consumption/quality and irrigation demand and available technology for waste management for primary watersheds/aquifers.
6. Establish growth limits based on air quality statistics for various classes of mitigation.
7. Establish the requirements for carbon capture and storage (CCS) for industrial and small scale combined heat power (CHP)/cogeneration facilities.
8. Establish performance life cost capability/requirements for solar water and photovoltaic systems for residential use by unique areas in Butte County.
9. Establish requirements for utility/fuel break/migratory animal/community garden/recreation corridors.
10. Establish/recommend duration and revisit requirements for leased land from government/industrial forest agencies.
11. Establish/recommend sampling/archiving of crucial trend input data by trusted volunteers and paid specialists.
12. Coordinate and make available DIY structure and vegetative management knowledge databases.

