A Regional Roadmap for Carbon Capture
This is a certified Climate Beneficial™ product, made from the fiber of animals that are grazed on managed landscapes in a Carbon Farming system.

Carbon Farming sequesters carbon on farms & rangeland and increases fertility & water holding capacity in soils.

Visit fibershed.com to learn more.
WARM YOUR DOME, NOT THE GLOBE
RANCH 01
CLIMATE BENEFICIAL WOOL

Bare Ranch  Surprise Valley, CA

Ranch 01

April 20
Life Cycle Assessment of Fibershed & Conventional Fabric Production

1. **Conventional Realistic**: CA grid-derived energy, slightly higher C footprint relative to other cases due to loss in soil C, synthetic fertilizer use, higher transportation costs

2. **Conventional Optimistic**: CA grid-derived energy, but no increase in soil C

3. **Fibershed Neutral Soil**: geothermal-derived energy, but no increase in soil C

4. **Fibershed Conservative**: geothermal-derived energy, good land management increases soil C at a more conservative rate than Case 7

5. **Fibershed Realistic**: geothermal-derived energy, conservative compost credit, good land management increases soil C at a more conservative rate than Case 7

6. **Fibershed Possible**: solar-derived energy, conservative compost credit, good land management increases soil C at a more conservative rate than Case 7

7. **Fibershed Optimistic**: solar-derived energy, optimistic compost credit, good land management increases soil C at optimistic rate, minor reductions in C footprint relative to other cases at several steps (transportation distances, commuter mpg, animal emissions, air-dried clothes, etc.)
Climate Beneficial

CARBON FARM PLANNING & IMPLEMENTATION
- Provides seed money for carbon farming
- Sequesters carbon on farms and rangeland and increases fertility & water holding capacity in soils

NON-PROFIT CARBON FARM FUND
- Generates donations of 3% for regenerative fiber systems

FIBER PLANTS & ANIMALS
- Contribute to carbon sequestration via managed grazing

RETAIL SALES
- Create climate beneficial textiles & garments.
  (These 100% natural fiber clothes can also be composted and returned to the land to regenerate soils.)

FIBER PROCESSING
- Climate Beneficial yarns & fabrics

BRANDS, DESIGNERS & MAKERS
- Compost applied to rangelands is one of numerous beneficial Carbon Farming practices