

Topic: How to create zero waste**Convener:** Phelps Murdock**Room:** B**Discussion Summary:**

- Zero waste defined: isn't ultimate zero, it is targeted biomimicry. Trash = garbage, chemicals = energy. Ideally in the natural world, there is no real waste – what is one item's waste is another's food source.
 - A system in Chernobyl is eating the radioactive material
- A consensus needs to be established for the definition of "green" – Green Directory (self-hosted, not printed)
- In natural system, there are no leftovers, but only when it is balanced through the ecological system. Seeking balance for a lot of the organisms today; change is part of the balance.
- How to move the region to net zero waste – political challenge to locate facilities (Australian best practices – waste-to-energy turns to vitrified clay)
- Multiple levels to reach the level of using the waste for something else
 - Reducing packaging because of energy use, transportation, and materials, reuse, create energy, etc.; Packaging can be recycled and resold to the companies which used them; Incentivize – regional deposits on bottles, cans, packaging
 - Byproduct synergies – waste, food, glass, carpet, constructional material
- Reduce waste, and you will reduce energy that produces waste, 95 percent of everything that goes into the U.S. is lost; only 5 percent is returned; consume less, save money, "efficiency" to replace "consumption"
- Target out to be "net zero" – less we make, the less we have – Recruiting recycling-based manufacturing industries, business (service-related)
- Use natural environment options – open windows instead of using air conditioners
- Need to discover ways to reuse nontoxic landfill materials that we have here
- Energy is a major waste factor – clear labeling, carbonfootprint.com, need system
- Majority of wasted energy in our environment comes from inefficient building; retrofit existing buildings; plan/action to reduce energy loss in buildings (add vestibules); reuse – not rebuild structures, retail scales; intentional communities – sharing spaces and vehicles (sharing rides), faith-based communities
- More locally based energy production; your home is local as you can get

Meeting time: Session 3: 11:30 a.m.**Recorder:** Bettse Folsom