**IMPLEMENTATION STRATEGY**

**PHASE 1 / REGENERATE**

- **Improve soil quality for growing**
  - Weed out invasives and use for compost
  - On site seed collection for propagation
  - Majority of proposed species exist on site

**3-6 MONTHS**

**Construct water generating structure**
- Structure created can be used to provide water to starter plants

**PHASE 2 / CHANNELIZE**

- Reshape topography for channels
  - Begin to harvest surface runoff

**PHASE 3 / RETAIN**

- Sagebrush habitat creation
  - Create and plant terraced edges

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- **Willow (Salix spp.) branch-arched structure**
- **Fog passes through mesh material and is captured by being directed downwards by gravity**
- **Curved form utilized for water harvest similar to dew collecting Namib Beetle**
- **Water flows down to collection gutter and directed to cistern**
- **Cistern connects to drip irrigation system for watering crops**
- **Stainless mesh co-knitted with poly material for fog and dew harvesting**
- **Co-knitted material and climate allows for dew harvesting**
- **Stainless steel gutter with one-way check valve attached to water collection gutter**