

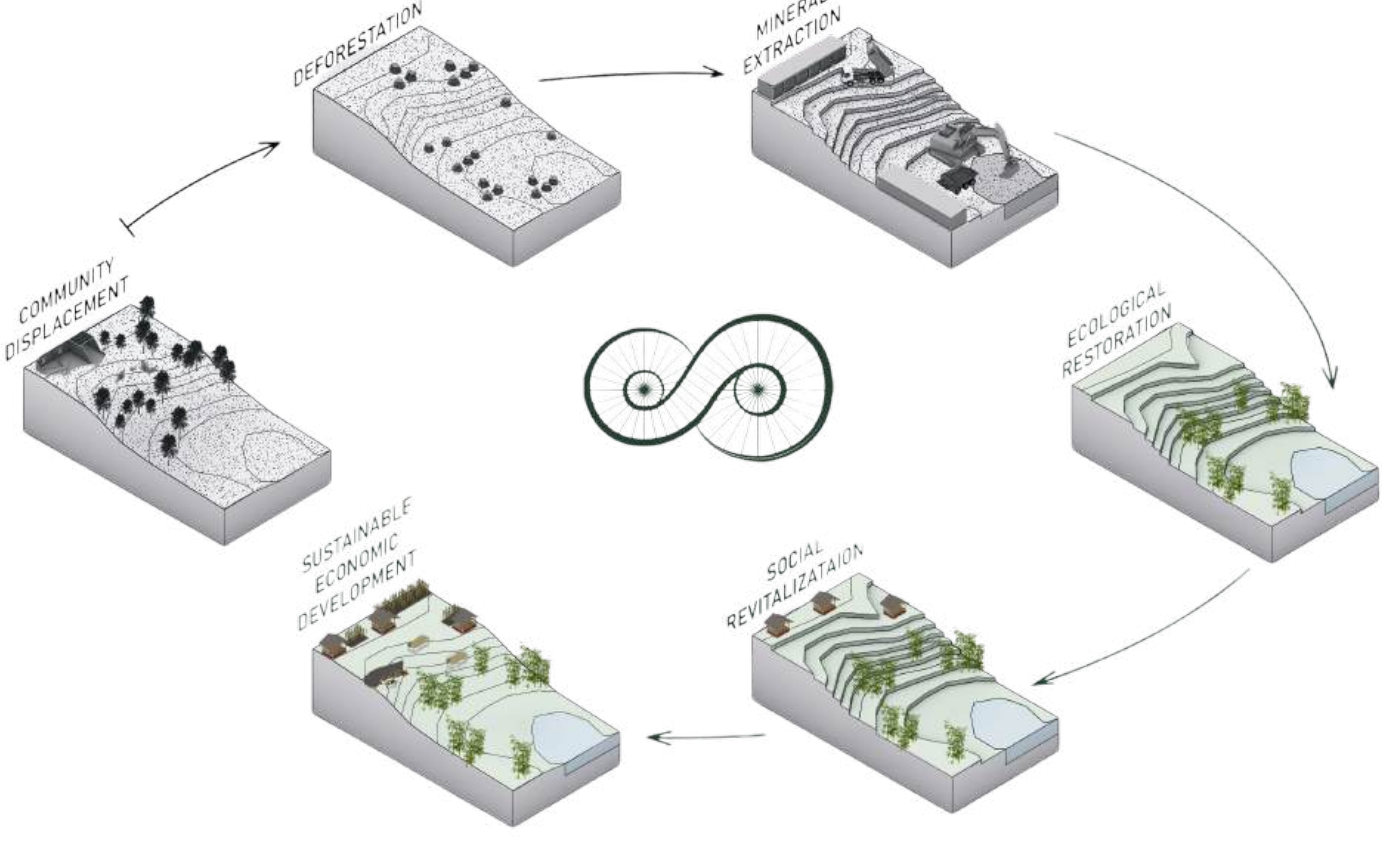
# LEGACY LOOP

## REPURPOSING OF THE ABANDONED BARLO MINING SITE: PROPOSED BAMBOO LIVELIHOOD TRAINING COMPLEX IN MABINI, PANGASINAN



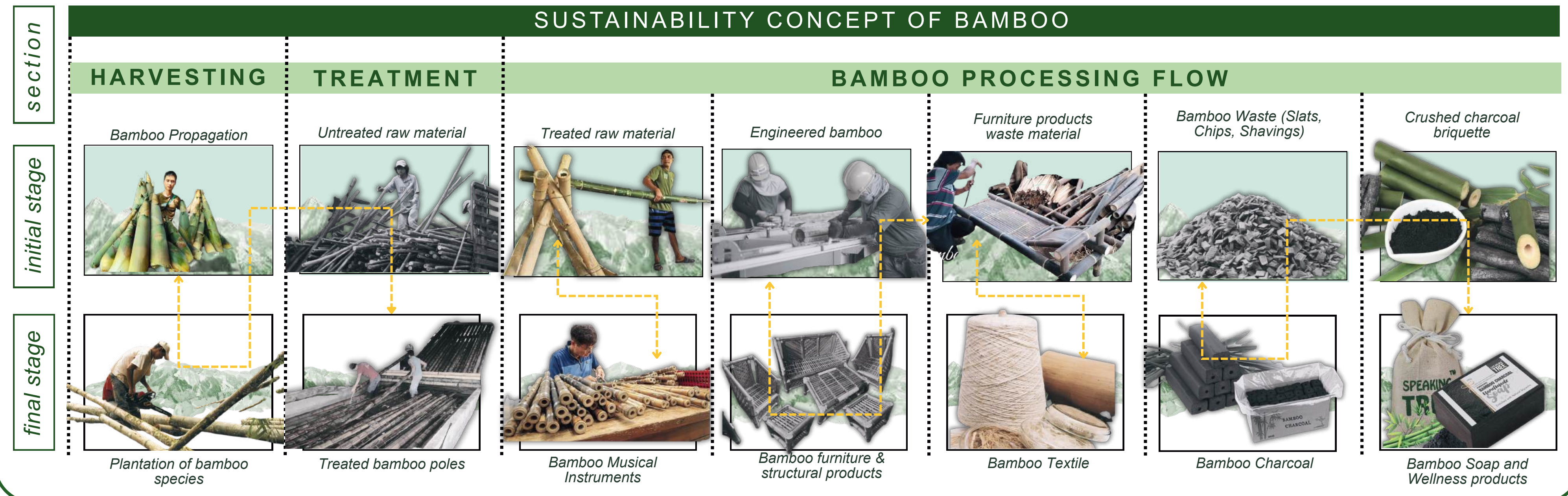
### DESIGN CONCEPT

To address the challenges brought by the abandoned Barlo Mining Site, the design solution is anchored on the concept of Legacy Loop, which reframes the long-lasting impacts of abandoned mining sites, most referred to as "legacy mines," into an opportunity for regeneration rather than decline. It reinterprets the environmental, social, and economic consequences left as a "legacy" of idling mine sites through a "loop" or cyclical system of restoration.

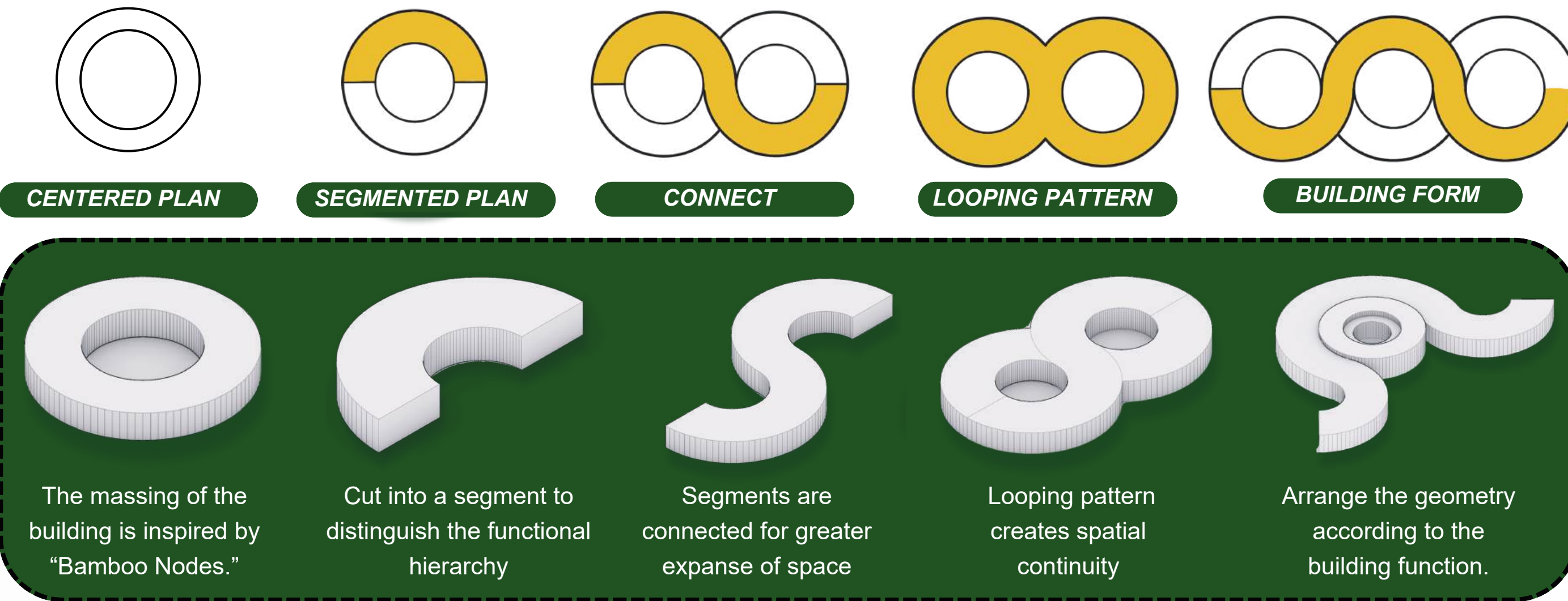


### REGENERATIVE ARCHITECTURE

### ECOLOGICAL RESTORATION



### FORM CONFIGURATION



- ACCESSIBILITY
- CULTURE
- CIRCULAR ECONOMY
- LOCATION
- NATURAL LIGHTING & VENTILATION
- RESILIENCE
- SECURITY
- SUSTAINABILITY
- TOPOGRAPHY
- TOURISM

### MATERIAL CONCEPT

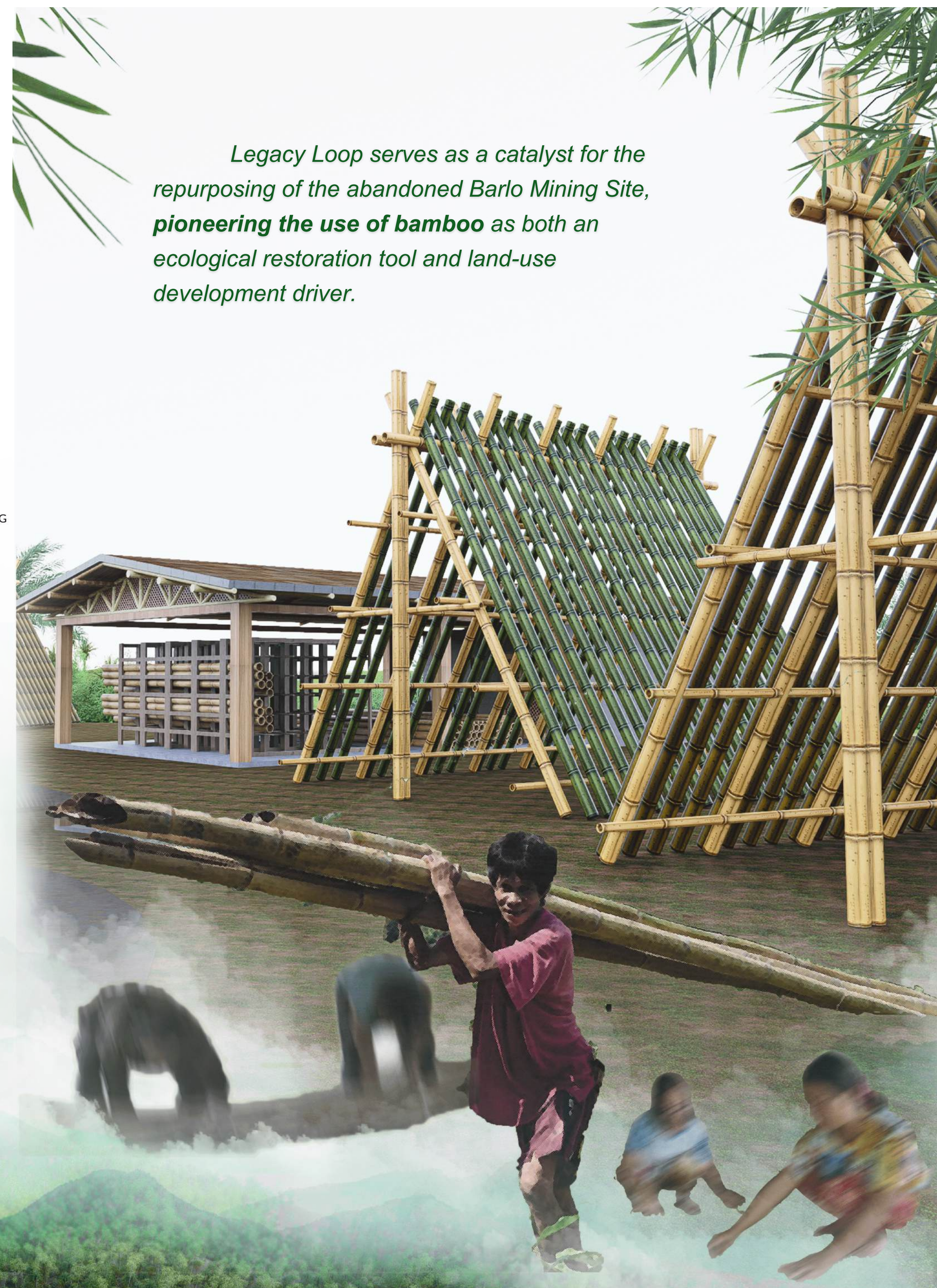
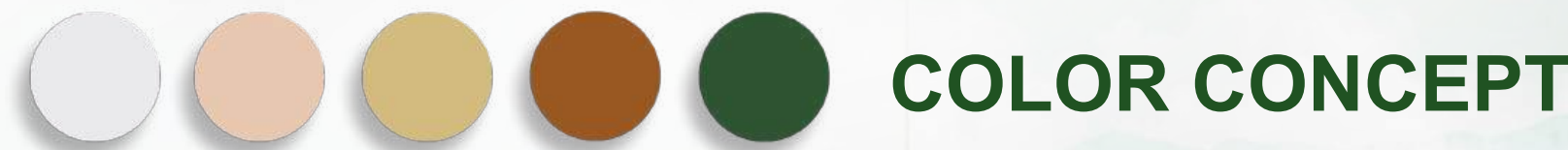
- BAMBOO**  
Bamboo is a highly renewable and versatile material, hence, it is envisioned as a primary material for the overall building construction..
- NIPA / COGON THATCH**  
Bamboo is a highly renewable and versatile material, hence, it is envisioned as a primary material for the overall building construction..
- SAWALI (WOVEN BAMBOO PANELS)**  
Commonly used for the exterior and interior walls, partitions, and ceiling, which allows the natural filter of lighting and ventilation.
- LOW-E GLASS**  
Glass foster connection and daylighting between interior spaces and the surrounding environment,
- CONCRETE**  
Concrete is mainly used for foundations and structural supports for greater strength, stability, and durability of bamboo.

### DESIGN GOALS

To transform the abandoned Barlo Mining Site into a hub for education, environmental conservation, and community development by harnessing the full potential of bamboo as a tool for ecological rehabilitation, livelihood generation, and cultural legacy of Pangasinan.

### DESIGN OBJECTIVES

- To become a vibrant visitor center that attracts and engages the community and stakeholders in conserving the environment.
- To create learning and training opportunities focused on bamboo-based livelihoods, agroecology, and environmental stewardship.
- To design a sustainable complex that integrates environmental conservation and education opportunities regarding the potential of bamboo.
- To support and promote the history of the site by preserving its mining heritage and connecting it to its ecological transformation.



What legacy should a mining site leave behind?