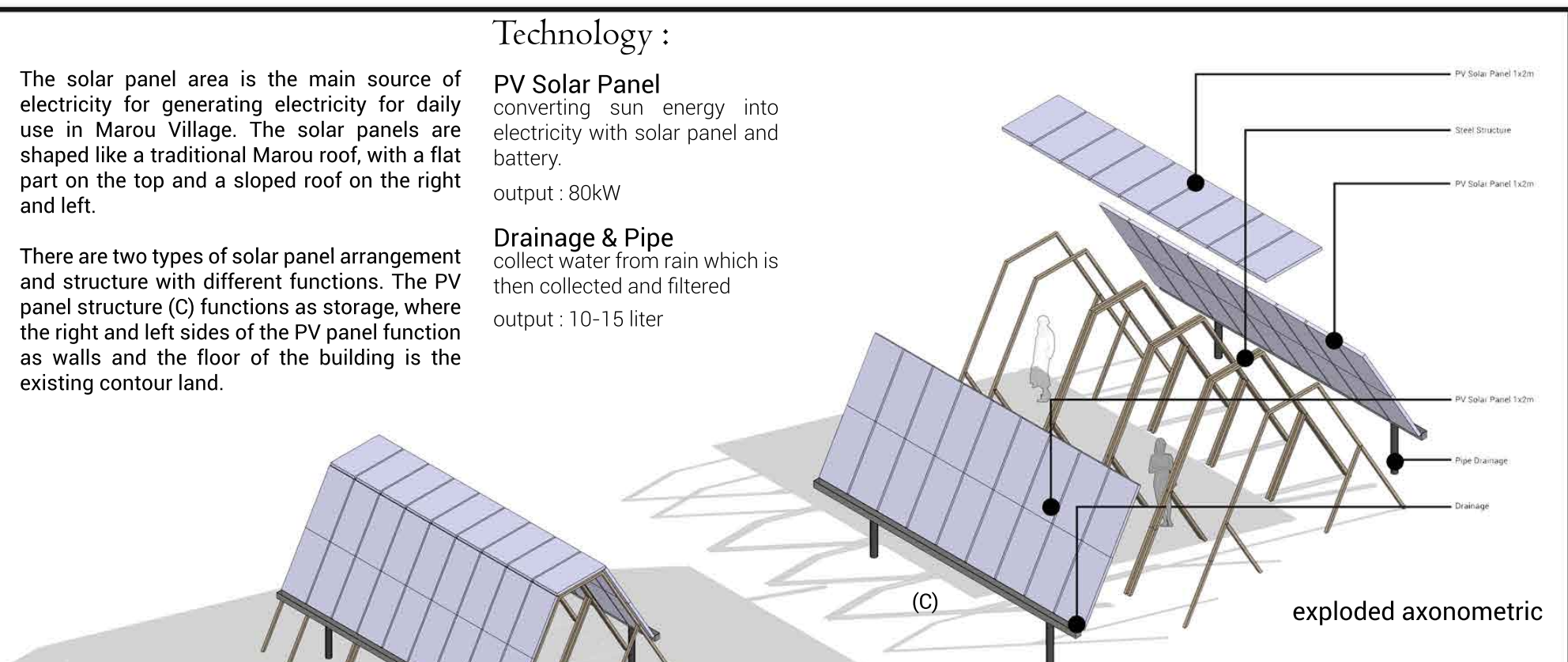
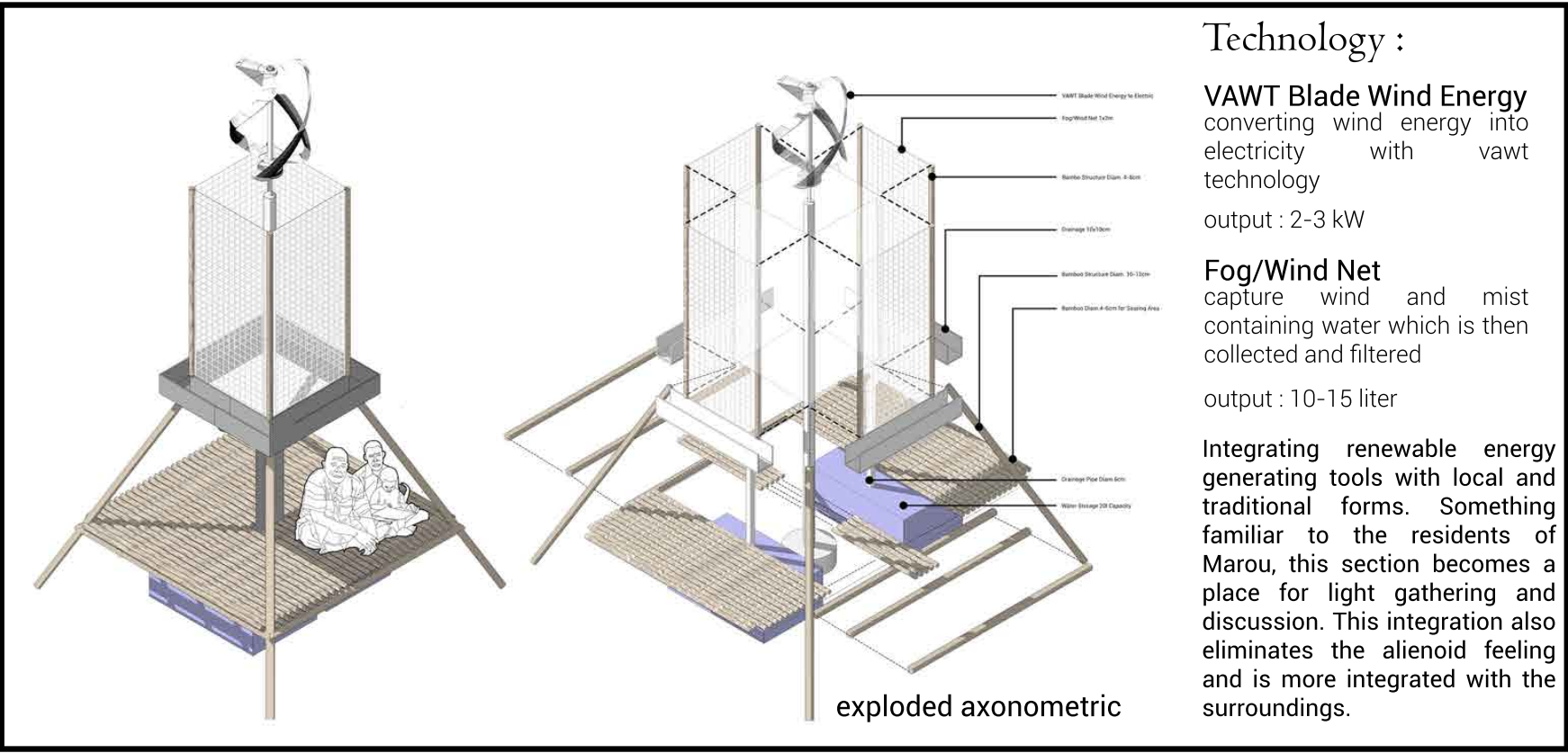


Constructibility and Materiality

Material becomes crucial in relation to procurement and also influences the construction that will be made on site. Most of the buildings and installations use materials that are common to Marou Village, such as wood and bamboo, with a nail or rope connection system. Most of the buildings and installations use materials that are common to Marou Village, such as wood and bamboo, with a nail or rope connection system.

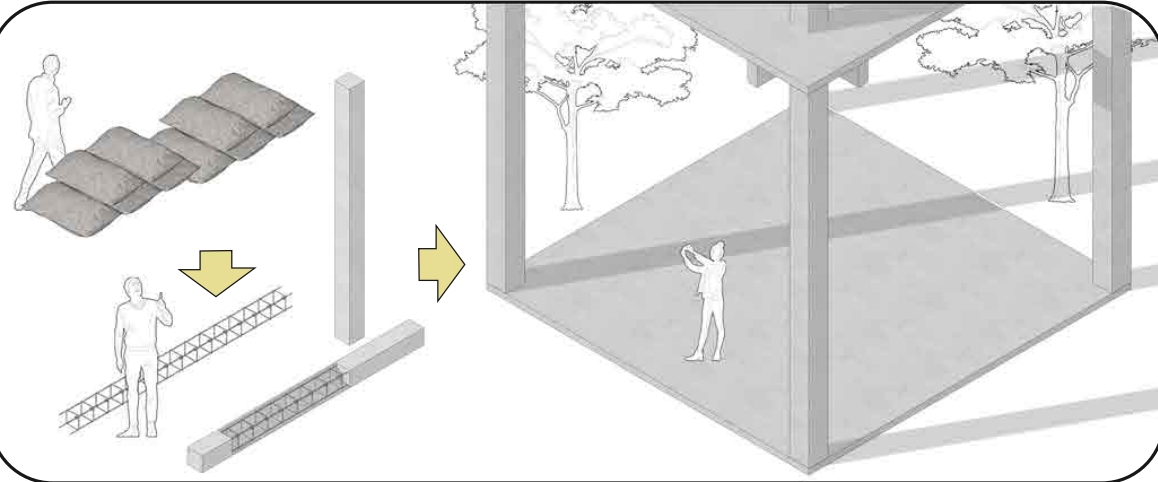
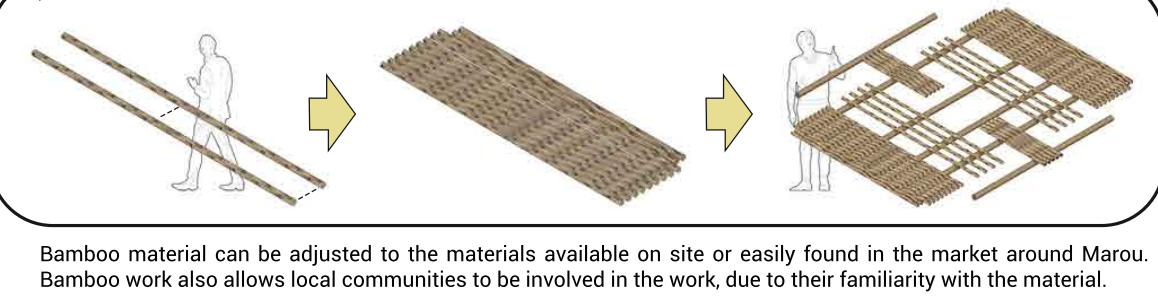
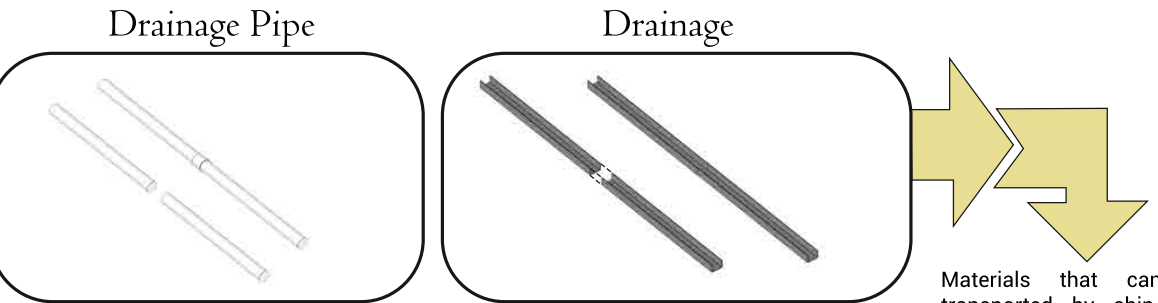
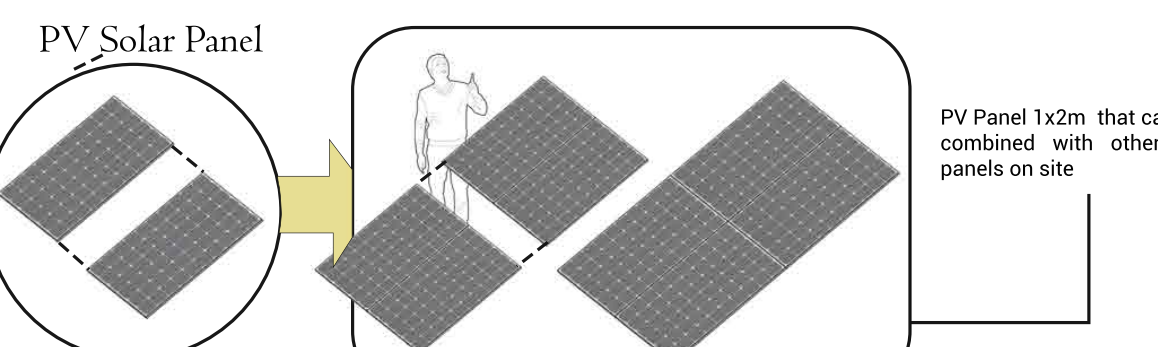
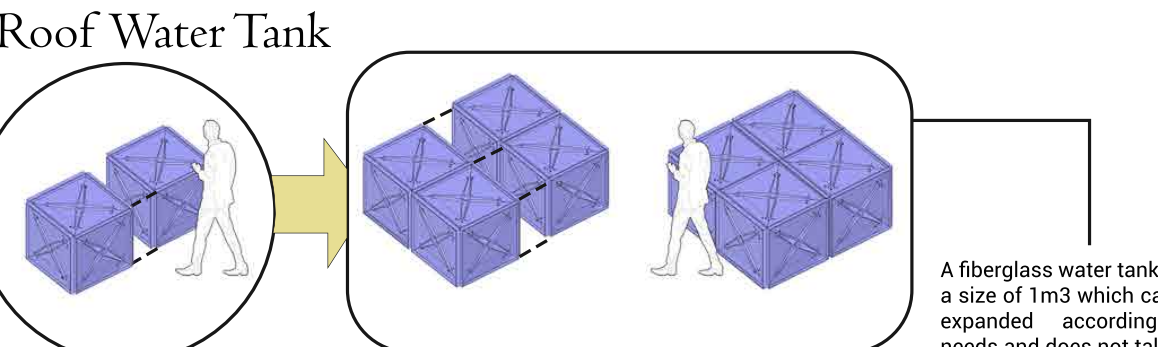
The building and installation seamlessly integrate renewable energy-producing goods with local materials and local construction techniques. The tower uses bamboo as a facade and functions to hold drainage and also builds a facade structure to stretch the fog net. The net material uses recycled material from previously used nets, resulting in a local installation and a sense of ownership by residents.



Selecting Goods, Material for Procurement

The materials used are materials that can be combined and processed on site. In accordance with the directions for shipping goods by ship and in several types of sizes, the materials are adjusted for medium-sized ships. Raw materials can be combined on site and can involve the community in the work and manufacture.

The materials used also use materials that are familiar to the local people, so that the work and management can be arranged by the local community. Some large materials require a fairly large ship size, such as VAWT for towers.



The tower is made with concrete cast in place on site. Materials are procured on site according to needs, foundation work and structural calculations can be assisted by external contractors. In the long term, this could also involve the community in its construction.

