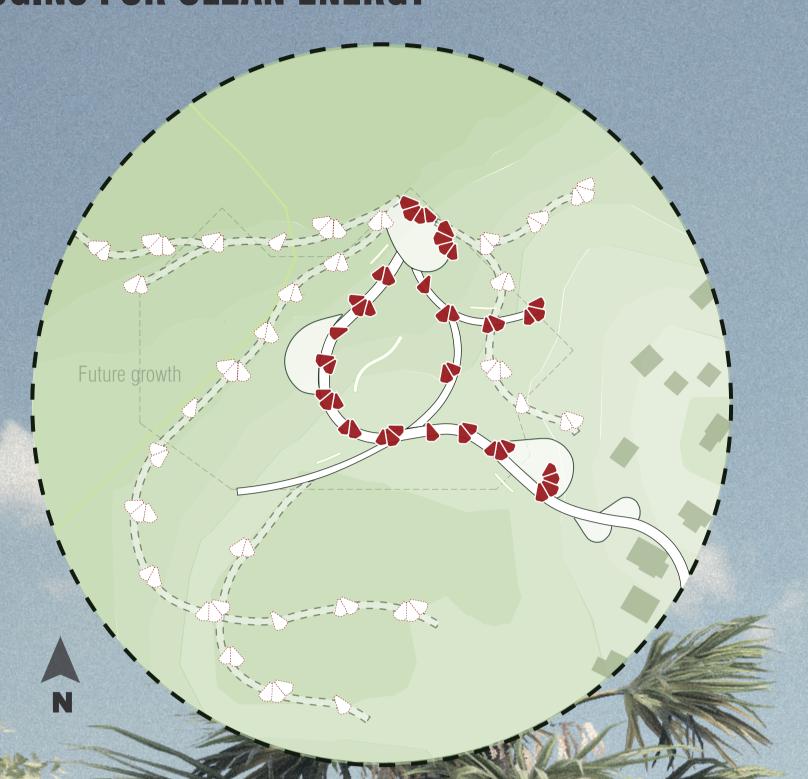
PLUGINS FOR CLEAN ENERGY



TAGI-LAGI is a PV micro-grid instalation inspired by the Tagimoucia, Fiji's National flower endemic to this rare ecosystem. This project consists of 45 modules designed with a nature-inspired structure that mimics the shape of the flower, and harmoniously blends itself with the landscape and the Marou village.

Each plug is comprised of two main laminated timber structures that support a series of hollow purlings fastened via galvanized plates and bolts setting the roof that support 21 m² of thin bending monochristaline solar panels, allowing ease of assembly. The design is aimed to optimize solar energy collection by ensuring that the PV surface is above ground and tilted towards the south reducing contact with the ground. It also incorporates a structural steel buttress that support hydroponic food production while providing stability against wind loads. The petal shape which maximizes rain

