**LAGI 2025 Fiji Narrative Template  
“Give a man a fish and you feed him for a day; teach a man to fish and you feed him for a lifetime.”**

F I N is a project bringing the idea of completion to a community. Its aim is a response to Fiji’s present challenges and introduction of a new rationale for the upliftment of the existing islanders. The scope of this project is to bring harmony between the islanders and ocean in order to bring forward co-existence sustenance.

**Concept Narrative**

Fiji and its connection with the ocean are deeper and richer; these islands which have been habituated by the brave sea farers with exceptional nautical understanding are facing the impacts of rapid globalization, tourism and climate changes rapidly. Today the modern economy has no place for sustainability both socio-culturally and ecologically, therefore promoting rapid consumerism. This in turn has transformed many remote islands into ticking time bombs as they face challenges of health degradation, poor waste management and untimely disasters every year. Making inhabitants vulnerable and helpless to their present conditionings with climate change making the course even worse. Fiji being an archipelago of more than 330 islands and 550 islets has been the highest contributor towards mining resources (gold, silver and copper) within the pacific region for over 80 years with consistent supply has been facing environmental degradation due to it. Similarly, Fiji is also among the last of the largest soft coral reefs which still houses numerous marine organisms among which many are at a risk of extinction due to overfishing and illicit trade of exotic marine species. Fiji islands are also naturally possessing risks with its declining flora and fauna due to the increase in tropical cyclones due to climate change. These have become a burning concern to its habitants as many livelihoods depends upon these factorials.

Thus the aim of the project is to connect Fiji’s cultural understanding of its environment to the social behavior of its inhabitants therefore, creating a methodology with which idea of sustenance can be ingrained within the habits of its people. This can be through inclusiveness of mythology, pre-existing cultural behavior and re-narrating of its people relationship with the ocean. A heavy emphasis here is laid down towards the re-iterating the ways of living and responsibility towards ones habitat rather than superimposing methods foreign to its idea of co-existence.

This project aims at expanding its understanding about Fiji’s existing primitive knowledge and turning it into modern solutions with the help of existing sustainable technologies. Thus, bridging the gap between what is relevant and necessary toward the benefit of the islanders. Specifically, the technologies adapted will be within the areas of energy generation, water harvesting, waste management and disaster management.

1. **Technical Narrative**

* What technologies does your design incorporate? Why did you choose them?

**We chose to think and display ideas which were most available. We found that fiji being a recipient of high solar hain and wind currents would better function on solar and wind sonwe included flexible solar panels and vertical axis wind turbines.**

* How much energy and water does your installation generate each year?

We can generate approximately 3.15 million killowatt on a surface area of approximately 7500 sqm and through vertical axis wind turbines we can harness approximately 250 to 400 watt-hours per square meter per day which can be used for emergency supply.

* What are the system inputs? (for example, sunlight or rainwater)

We believe in clean energy and its best when you can harness out of gain, so we are leaning towards solar , wind and water harvesting methodologies to tackle fiji issue of power generation by creating structure to support resource control.l

* What are the system outputs? (for example, electricity or clean drinking water)

We are creating a reservoir which uses traditional water treatment techniques to empower habitants towards clean energy and usable resources.

1. **Prototyping and Pilot Implementation Statement**

* How will your team approach the prototyping process and full-scale pilot

We would approach this process through legal litigations and community collaborations. We need these systems to be considered as law for better wellbeing as well as advance learning systems for future generations. We are also advocating sustainable build through introduction of bamboo based construction processes.

* implementation process and how will you collaborate with the local community in both of those efforts?

We are building a story with cultural mythology. We are hereby stating protection of their habitats being the marine life and island flora and fauna to be the first to be looked upon and operated with positive changes.250 to 400 watt-hours per square meter per

1. **Operations and Maintenance Statement**

* How will your design be operated and maintained during its life? How will the local community contribute to operations and maintenance?

Good design according to us is something that responds and governs the livelihood. Its really really impactful when people connect with ideas, community builds upon actions and environment is sustained for future. We believe insustainance through true living and working.

1. **Environmental Impact Assessment**

* What effects might your installation have on natural ecosystems and what steps can be taken to mitigate any foreseeable issues?

The systems we are introducing are walking on lines of eco-sustaince, social-sustainance and financial-sustainance. We believe that fiji believes that what they are trying to preserve is well adhered and reflected within the community. And so we are building to safeguard it's belief and nature.