

Project Plan: Tribewanted Sustainability Plan

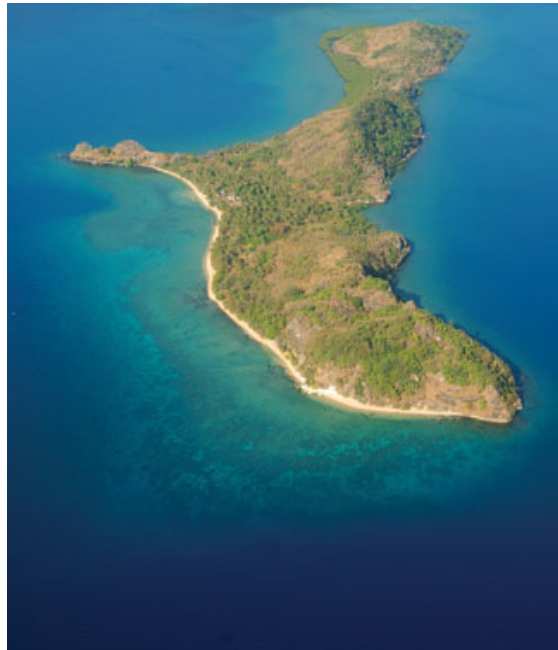
Collaborative Environmental Systems Project (CIVLG015)

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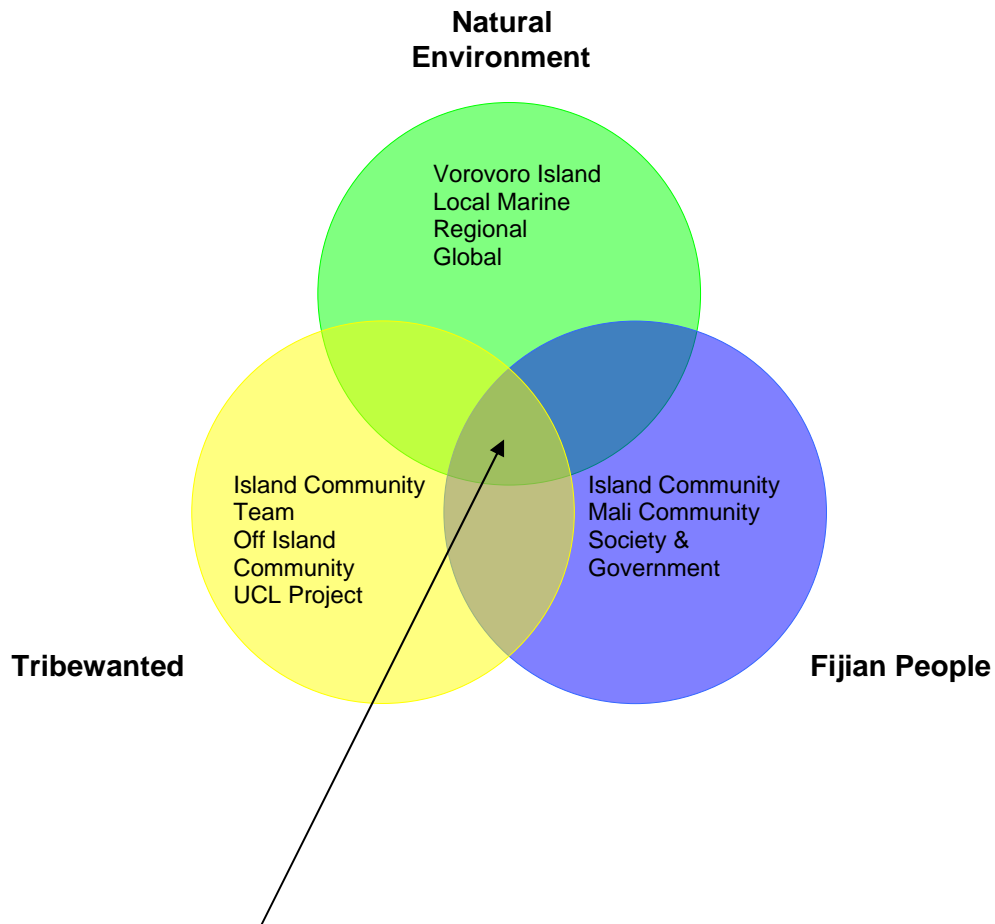
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1. Stakeholder Relationships & Needs

Stakeholder Relationship

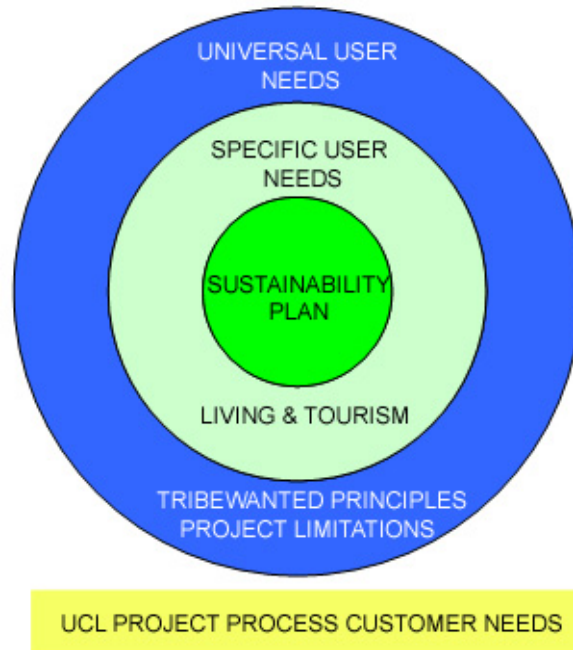


New Stakeholder Relationship: The Tribewanted project

Tribewanted is an on-line community with the common goal of creating and experiencing eco-community on the small Fijian island of Vorovoro Island which promotes sustainable tourism. The Tribe Team have leased the Island for three years and Tribe members are provided with a 1-3 week(s) residence, depending on their subscription. With funding through their membership they aim to build sustainable tourism facilities which will be enjoyed by Tribe members during their stay and handed over to the island owners at the end of the project. Much of the island is undeveloped forest with a small area currently used for agriculture and providing home to two families. Unless managed effectively, the tourist activities of the Tribe and other visitors in later years could significantly impact on the natural environment of the island. The project also aims to develop in partnership with the Fijian people, providing economic and educational benefits and conserving their cultural heritage.

2. User Needs

User Needs Model



The **Vorovoro Tribe Community** (the user) needs a **Sustainability Plan** (the need) in order to clarify their current developments (specific needs for an ecotourism community) and facilitate further feasible developments through the application of best practice sustainability guidance (applying project limitations and Tribewanted principles). The Tribewanted Team (the customer) has specific needs with regards to the process by which the Sustainability Plan is developed (USL Project Process Customer Needs).

Specific User Needs

Until September 2009 the Vorovoro Tribe Community need a settlement which can accommodate and sustain a fluctuating number of residents and temporary visitors, with some flexibility for extending the time frame. The community have a range of essential basic needs (such as water, food and shelter) and a range of enhanced or additional needs which enable higher living standards (such as a choice of diet), modern services (such as electricity generation for computers), and increased enjoyment (such as a range of social activities).

Universal User Needs

The plan must adhere to the Tribes principles, which have been briefly outlined as:

- Using resources sustainably
- Reducing over-consumption and waste
- Maintaining diversity

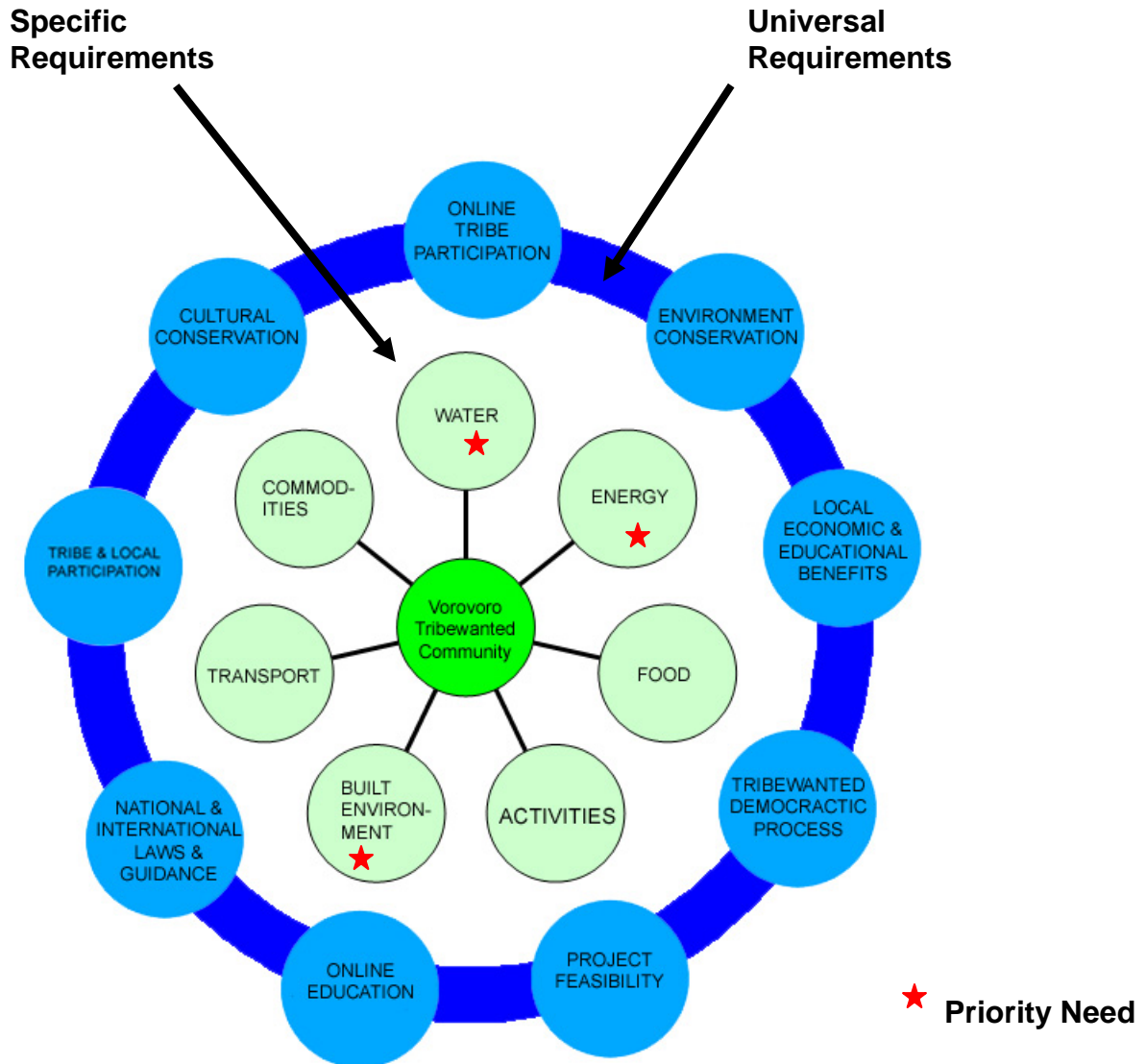
- Integrating tourism into planning
- Supporting local economies
- Involving local landowning communities
- Consulting landowners and the public
- Training Staff & Tribe members
- Marketing tourism responsibly
- Undertaking research

UCL Project Process Customer Needs

- Regular consultation with Tribe Team.
- Consultation and participation of online community.
- Networking with other academic and commercial resources.

3. User Requirements

User Requirements Model



NB: All specific requirements will produce waste. Waste has not been added as a specific requirement as waste minimization and management should be considered holistically as part of the universal requirement for Environment Conservation. Therefore all waste issues will be addressed in specific context to each of the specific requirements.

- UCL Project Process Customer Requirements:**
- o Transparency to Tribewanted Team through regular progress reporting and communication.
 - o Ongoing consultation and collaboration with Tribewanted Team. Possible pairing with individuals.
 - o Transparency to Tribewanted online community (specific web pages, Green Dream section).
 - o Participation of Tribewanted online community through a variety of media (forum topics, chat sessions).
 - o Publication of final product in multiple formats, different levels of detail, and tailored for different audiences (stakeholders).

Brief Description of User Requirements

Vorovoro Tribewanted Community

The continuation and expansion of the Tribewanted community on Vorovoro has to be defined both in terms of population size, demography and special needs. This information will be central to the development of plans which can effectively serve the community. The size of the population may fluctuate, and itself be differentiated between durations of stay in the range of 1-3 weeks or longer and visitors who stay only 1-3 days or just during the day. The demography will provide differentiated needs based on gender, age, and relationships (e.g. families, partners, and friends). Special needs may include medical equipment and care, disabilities, cultural and religious requirements (e.g. dietary restrictions, prayer routines, and water cultures).

Specific Requirements

These requirements will form the core of the Sustainability Plan, and can be divided into components to be individually addressed while highly integrated with each other and designed in respect to the universal requirements.

All settled communities have certain common requirements for the health and wellbeing of their population. These start with the basics, such as water, food and shelter. A regular supply of fresh drinking water is essential, as is a regular staple diet, and appropriate shelter from the environment. Beyond these basics is the community's cultural requirement for a certain level or type of lifestyle. This creates enhanced requirements, such as water for cleaning, a larger variety of food, and a built environment which provides comfort, amenity and facilitates social interaction.

The community may also require levels of additional services facilitated by energy, commodities and transport. Energy is required for cooking, lighting, heating, building, transportation, and electrical appliances. Commodities are any man made items which facilitate other services, such as cutlery for cooking, books for reading, furnishings for comfort or soap for washing. Transport is essential for moving people and supplies to and from the island as well as facilitating marine activities and fishing.

The community has been established not just to form a basic island existence but to have as much fun as possible. Activities should be developed which enhance the social enjoyment of the community through a variety of options, including those centred on the nature and culture of the location.

All these specific requirements must be designed to serve the Vorovoro Tribewanted Community in an integrated system and no one component can be designed in isolation. Their development will be both iterative and concurrent.

Universal Requirements

There is a need for the community to develop according to certain principles and within certain limitations. These universal requirements must be understood and incorporated into all aspects of the developments which meet the community's specific requirements.

The principles can be generally described as those of ecotourism and eco-community. Ecotourism can be defined as:

Low impact nature tourism which contributes to the maintenance of species and habitats either directly through a contribution to conservation and/or indirectly by providing revenue to the local community sufficient for local people to value, and therefore protect, their wildlife heritage area as a source of income.

- Goodwin, N. 'In pursuit of ecotourism', *Biodiversity and Conservation* 5(3):277-291.

The Tribewanted Project is different to other ecotourism projects and introduces additional novel principles which must be applied to the Sustainability Plan. The novelty is the partnership with the online Tribewanted community through principles of active involvement, influence on development plans, democratic governance of major development decisions, and transparency of information. In addition the Tribewanted Project is based on a principle of ecotourism education but in a wider global context through the World Wide Web, television and other media. This will require the online publication of the Sustainability Plan and developments which can facilitate further academic research and public interest.

In addition to universal principles, the Sustainability Plan must also understand and adhere to some universal limitations or restrictions. These may be legal, such as health and safety regulations. However they are not limited to legislation, and may include guidance which facilitates the projects success. Adhering to good practice may also be required for membership to certain bodies, or accreditation for adhering to certain standards. There will also be limitations imposed by the Tribewanted Business Plan, such as budget, contractual agreements (island lease term), and contingency plans.

The UCL Project will not develop any universal requirements itself, but will aim to fully understand each of them. These will be considered 'pools of knowledge' from which the system designers (UCL Team) draw from.

UCL Project Process Customer Requirements

Throughout the process of developing the Sustainability Plan the customer (Tribewanted Team) has requirements to meet their needs for influencing design and deployment, transparency of developments, and differential involvement of Tribewanted Project stakeholders. The success of the project will require identification, detailing, negotiation and adherence to agreed requirements.