



Sustainable Sea Transport TALANOA

*Celebrating the Past,
Sailing into the Future*

“Partnerships & Collaboration”

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*View of the Great Sea Reef flats, with offshore and
inshore waters on either side, stretching into the direction of Udu point*



Presentation Outline

1. One Planet Lifestyle – ALL IN IT TOGETHER
2. Global Partnerships – CHANGE AGENTS
3. Campaign Collaboration - COMING TOGETHER
4. Sustainable shipping – STRAND IN ONE PLANET LIVING
5. Recommendation – LET'S DO IT





1. One Planet Living

where human's live in harmony with nature



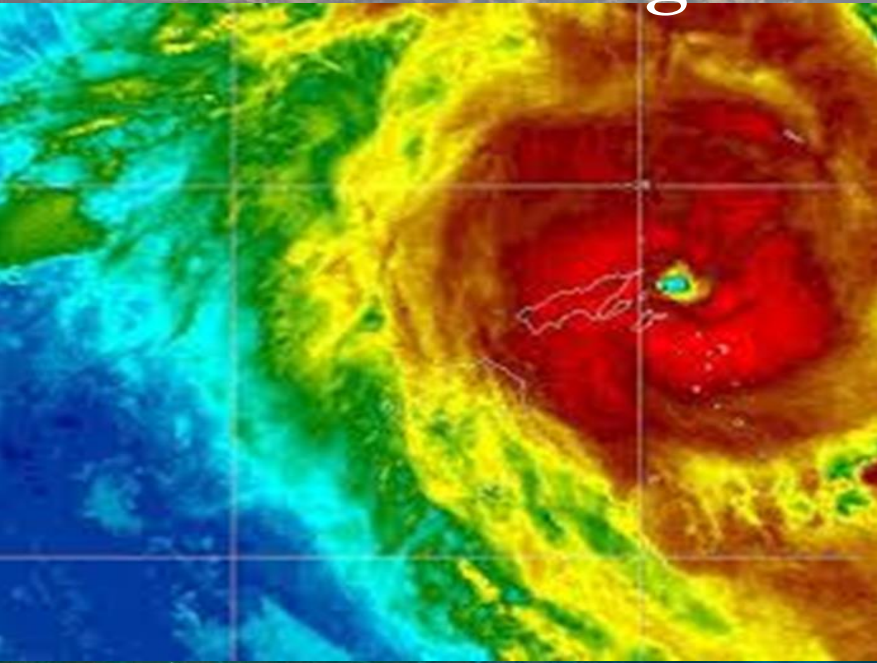
*In the UK, residents are consuming
3times their fare share of the planets
natural resources*

*Humanity is using 1.3 planet & rising ..
to support its consumption & lifestyle
and*

*By 2030 , will need 2 planets if things
do not change....*

1.1 Consumption patterns, changing climate & global warming

Global warming does not mean we all just have warmer weather. As the planet heats, climate change patterns change, it means more extreme and unpredictable weather across the world – many places will be hotter, some wetter, some drier



1 kg wheat	1 m ³ water
1 kg rice	3 m ³ water
1 kg milk	1 m ³ water
1 kg cheese	5 m ³ water
1 kg pork	5 m ³ water
1 kg beef	15 m ³ water

1 m³ = 1,000 litres



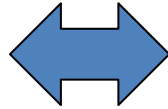
2. Global Partnerships: Engaging Business as Agents of Change



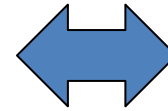
2.1 GFTN - Linking Committed Companies



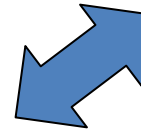
FOREST MANAGERS



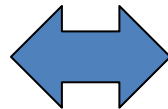
PRIMARY PROCESSORS



MANUFACTURERS



RETAILERS



TRADERS

2.3 Value of GFTN Partnership

- **Outlet to become more engaged around sustainable forestry issues**
- **Improved opportunity to supply the consumer demand for certified products**
- **Access to technical expertise**



“The readily available resources from the GFTN-NA for on-the-ground work have leveraged Wal-Mart to a whole new level of conservation and sustainable forestry management.”

Taylor Holley, Senior Manager, Strategic Sourcing for Walmart



3. Campaign & Collaboration

Virunga National Park & SOCO International

Virunga National Park (DRC)

- **oldest park in Africa & host to**
 - **218 mammals**
 - **706 bird species, and**
 - **Last groups of the legendary mountain gorilla.**
 - **over 50,000 families**
- **provides critical 'ecosystem services', such as**
 - **Freshwater (one of the sources of the great Nile river)**
 - **carbon storage and**
 - **substantial revenues to local communities from**
 - **gorilla tourism**
 - **and fishing.**

The park estimated growth value is round USD400 million annually in ecotourism and fisheries.



3. Campaign & Collaboration

Virunga National Park & SOCO International

On June 11th 2014, SOCO International plc, a British oil company, announced publicly a global commitment to conclude its current exploratory operations in Virunga, and not to undertake or commission any exploratory or other drilling in Virunga NP unless UNSECO and DRC government agree that such activities are not incompatible with its world heritage status.

SOCO further committed not to conduct any operations in any other world heritage sites.



4. Shipping : Threat to Ocean & Coasts



OVER 90% OF ALL TRADE BETWEEN COUNTRIES IS CARRIED BY SHIPS.

Some 50,000 merchant ships sail the world's oceans, transporting everything from food and fuel to construction materials, chemicals, and household items. In 2003, around 6.1 billion tonnes of cargo was shipped by sea, covering a collective distance of over 6 million kms.



4.1 Local Community & Sea Transport

- Macuata - Kia & Mali Islands
- Lau – Kabara, Ogea, Namuka, Vatoa, Ono-i-lau
- Lomaiviti, - Tikina Sawaieke, Gau
- Ba – Nacula, Yasawa

Township of Savusvau, yachts dot the sheltered water way, Cakaudrove, Vanua Levu



4.2 Sustainable Sea Transport

Shipping is the lifeblood of the south pacific - *32 million km² of ocean; 30,000 islands; 8 million people* - leaving the fuel poor region dependent on international fuel supply. Old, highly polluting and inefficient ships regularly sink with catastrophic effect on local ecosystem.

It is only through the development of non polluting fossil fuel free shipping network that the future of reefs, fish stocks and climate resilience and sustainable livelihoods can be assured across wide swathes of the region.



5. Recommendations

1. That the Fiji Government, make a financial commitment to building of two light cargo sail solar catamaran test boats, for testing in Fiji waters in 2016 at the latest
2. Increase the effort to ramp up practical steps to revitalize traditional boat building and the associated management of the forest resource supplying the building material
3. Local Business look at their footprint locally, regionally and globally as part of their social responsibility



Thank You

The Great Sea Reef system along the northern western coast of Vanua Levu, taken off Nadogo, Macuata

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