



NANOFASA

CONSERVATION PROJECT

NANOFASA BACKGROUND



VISION

We wish to achieve a presence of sustainable, vibrant and healthy communities in areas of operation.

We will minimize dependency/poverty, and maximize the communities feeling of ownership and pride to actively participate, lead and run projects as entrepreneurs, mentors and conservation shepherds.



MISSION

Nanofasa is a non-profit trust dedicated to protect, manage and sustain the cultural and natural integrity of the San communities and their environment.

We extract ancient knowledge and turn it into a modern opportunity.

Values

Integrity

We pursue honorable initiatives, and conduct business in a way that is honest, transparent and ethical.

Empowerment

We believe that all people need to feel empowered therefore we provide a great learning/ work environment, and treat each other with dignity and respect. It is about giving **employees** a certain degree of autonomy and responsibility for decision-making regarding their specific organizational tasks.

Excellence

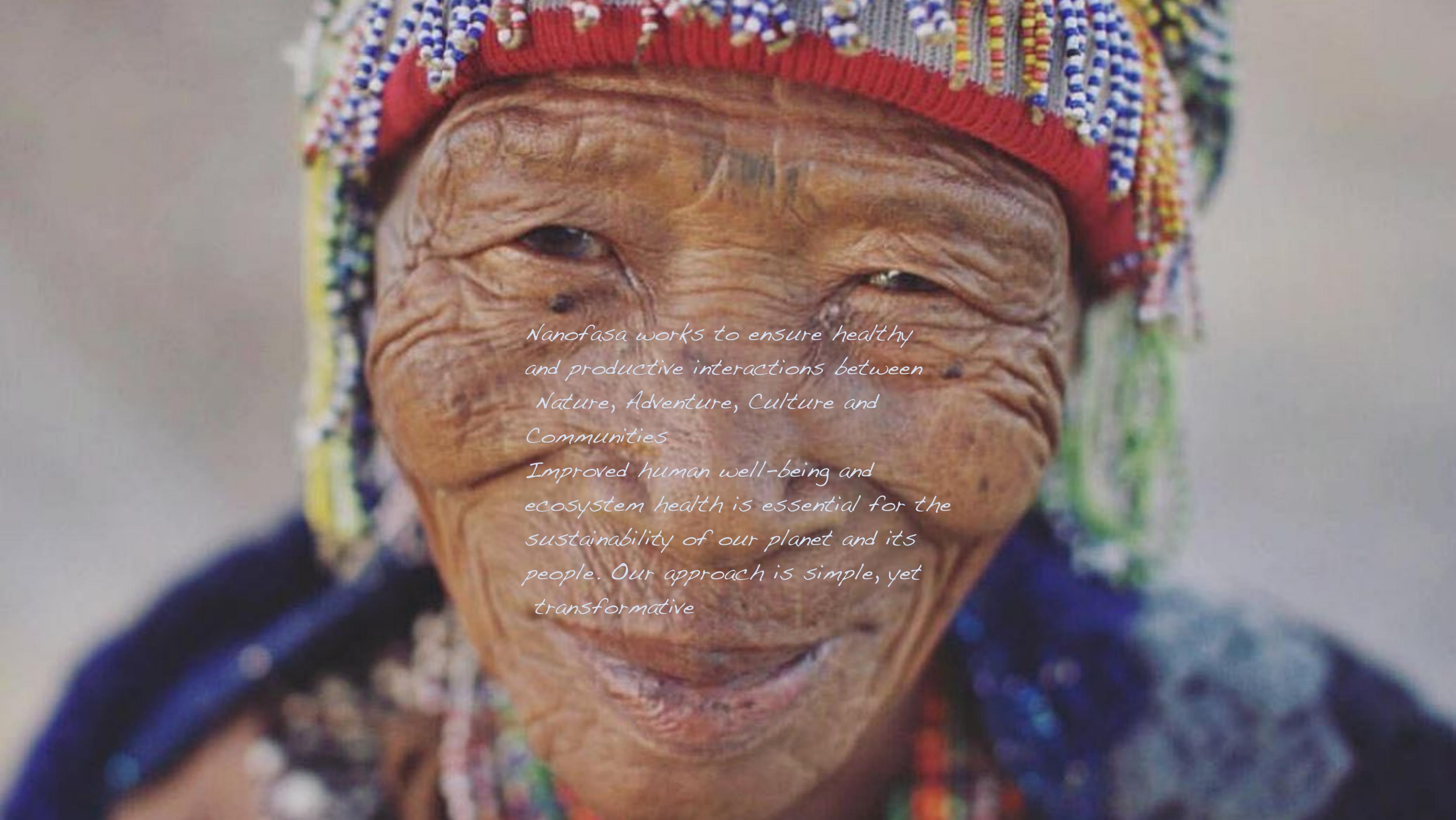
We apply the highest standards of excellence in terms of project development, management, delivery and sustainability.

Community

Embracing diversity and cooperation with other stakeholders or companies is essential for how we operate as a sustainable organization

Good Stewardship

We strive to be a good steward of the resources bequeathed to our organization. We provide reports and updates upon request as well as transparency.

A close-up portrait of an elderly woman with deeply wrinkled, brown skin. She is wearing a vibrant, multi-colored beaded headband with red, blue, yellow, and white beads. Her expression is serene and slightly smiling. The background is a plain, light-colored wall.

*Nanofasa works to ensure healthy
and productive interactions between
Nature, Adventure, Culture and
Communities*

*Improved human well-being and
ecosystem health is essential for the
sustainability of our planet and its
people. Our approach is simple, yet
transformative*

We ACCT - Adventure-Conservation-Communities-Tradition 4 change

The Nanofasa ACCT ecosystem encourages sustainable development of projects that support cultural and environmentally friendly practices. In our ecosystem we are creating synergies to ensure every link benefits.



Adventure

A new and sustainable branch within the eco tourism industry, called adventure students, which offers a personal adventure and personal growth in natural surroundings, which again stimulates natural and cultural preservation.



Conservation

Conserving the biodiversity and ecosystems is essential to all components; community, culture, tourism, which will secure a sustainable future for coming generations. Through developing innovative activities and approaches to conservation and sustainability—proving the value of our approach from piloting practice, we seek to play the role as green inspiration within the world: inviting others to share our ideas, and inspire others to leave green tracks on their pathway of life.



Communities

The communities are our beneficiaries in Nanofasa ecosystem. Our role is to provide the communities with the right tools to drive the development of their people and fight poverty. For true development to take place, we need to nurture and protect not only our natural environment and wildlife, but our communities, their culture and customs. They are the key to a sustainable future.



Tradition

Tradition and culture is the key of our joint venture. The San are the people who were and are well adapted to and act out as a sustainable link in their environment. Their tradition and livelihood make them understand and feel responsibility towards nature as their provider. Nanofasa wishes together with the communities to promote and re-establish the connection between the individual culture and their surroundings to reawaken a sense of culture pride as well as the desire to develop their lands wildlife and nature as a sustainable ground.

Who Are the San People?

Nanofasa operates within the traditional area of the Ju/'hoan San or Bushmen (as they are commonly known in Namibia). The San are considered to be the world's oldest culture, being the first hunters and gatherers, but now live in extreme poverty. They have been forced from their original lands, which are increasingly being used for illegal grazing cattle, leaving the San unable to survive in their traditional lifestyle.

San is arguably seen as the most marginalized group in Southern Africa. Overall, food security is low, few San learners complete their basic education and the illiteracy and unemployment rates are very high. In an area of 9000 square km, there is 2300 Ju/'hoansi San living, and the majority is children with no future.

The health status of San is undoubtedly linked to their low socio-economic status, as the San life expectancy is 22% lower than the national average, at just 48 years.



OUR MAIN TEAM



ALEKS



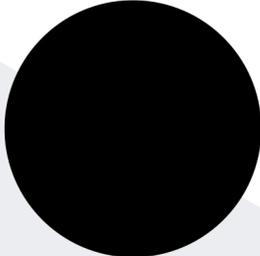
LYNN



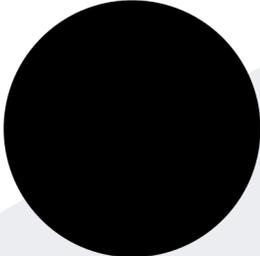
XAGA

SOURCES OF INCOME

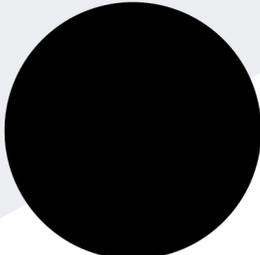
Adventure students/guests



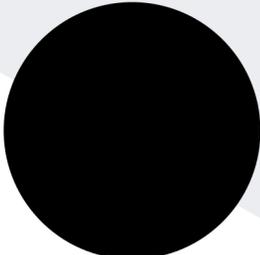
Sponsorships



goods sold



Donations



THE NANOFASA PROCESS



NANOFASA FUND
INDIGENOUS INNOVATION



BAREFOOT ACADEMY:
TRAINING
TOOLBOX



INDIGENOUS ENTREPRENEURS
APPLY FOR GRANTS FOR
BUSINESS STARTUP

NEW THINKING

- There is an expression that says: “if you give a man a fish he will eat today, but if you teach him how to fish he will never be hungry”
- But what if we do not have to teach a man anything, because this man has already been practicing entrepreneurship in different arenas for thousands of years, until modernity took away some of the possibilities due to laws, restrictions and space.
- Give a man a job he does not like, and he will not last long, give him a chance and the resources he needs to reawaken old professions and make them new and current, and suddenly we have sustainable and local opportunities. They can become trackers, mentors, guides, shoe cobblers making the ancient hunting sandals, persistent runners, bush scientists, rangers, crafts man or woman, botanists and the list just goes on.
- Change is not something you can force or ask for, it is something that has to be stimulated through inspiration and not motivation.
- The San people have been practicing entrepreneurship through their hunting and gathering lifestyle for thousands of years. Each individual would choose an area of expertise depending on their individual skill level. We are now making this possible once again.

INDIGENOUS INNOVATION

The most difficult task of any organization working with people is to ensure that all good intentions of helping leads to interdependency and not to dependency. It is a difficult task to really empower people so that they can master their life without crutches. Therefore we have decided to create a 3 link process. Where Nanofasa helps indigenous peoples set up A barefoot academy which provides training and ancient knowledge development for indigenous peoples. When they have finished their training, individuals or groups can apply for startup funding and assistance from our Indigenous Innovation FUND.

The Nanofasa Indigenous Innovation wishes to act out as an important instrument for innovation and development of Indigenous entrepreneurs whilst giving back to the environment. We support indigenous peoples in developing their ancient knowledge into a modern opportunity as well as developing a competitive advantage and to enhance sustainable innovation.

Nanofasa Indigenous Innovation provides competence, advisory services, promotional services and network services.

By combining local knowledge and international networks with the business ideas and the motivation of entrepreneurs, the foundation for a new successful interdependency platform is created.

We aim to assist Indigenous peoples and their businesses to grow and find new markets.

Objectives:

- Sustainable resource management, conservation awareness, predator conflict research. Activated the community awareness of resource management and nature sustainability.
 - Ancient knowledge becoming a modern work opportunity as well as preserved social and cultural practices of the communities
 - Positive growth in the socio-economic situation of the communities within the conservancies of operation.
 - To have minimized the communities environmental footprint and found good systems to keep up the important preservation of the biodiversity of the Kalahari Woodland.
- 
- A close-up photograph of two red, textured fruits, possibly baobab fruits, resting on a weathered wooden log. The background is a soft, out-of-focus natural setting.

THE ANALYSIS KEY POINTS FOR DESIGNING THE PROJECT

The below mentioned challenges, as reported by the target group themselves, were the foundation on which the Nanofasa Project was created.

Local challenges for the San people:

- Hunger & food security
- Alcohol abuse
- Natural and cultural erosion
- Cultural identity crises, unemployment, high school drop out rate and increased poverty,
- Not being included in planning of their own future.
- Infectious diseases
- Habitat loss for locals and the biodiversity of wildlife.
- Illegal land-grabbing

Global challenge

- Loss of Biodiversity
- Food shortage
- Poverty
- Climate change
- Damage to the environment
- Erosion of identity
- Shifting economy
- Physical or mental wellbeing

Industry challenge:

- Dominance of explosive and unsustainable practices

Why did we create a project that address these challenges?
Outreach should reach everyone regardless of background or privilege.

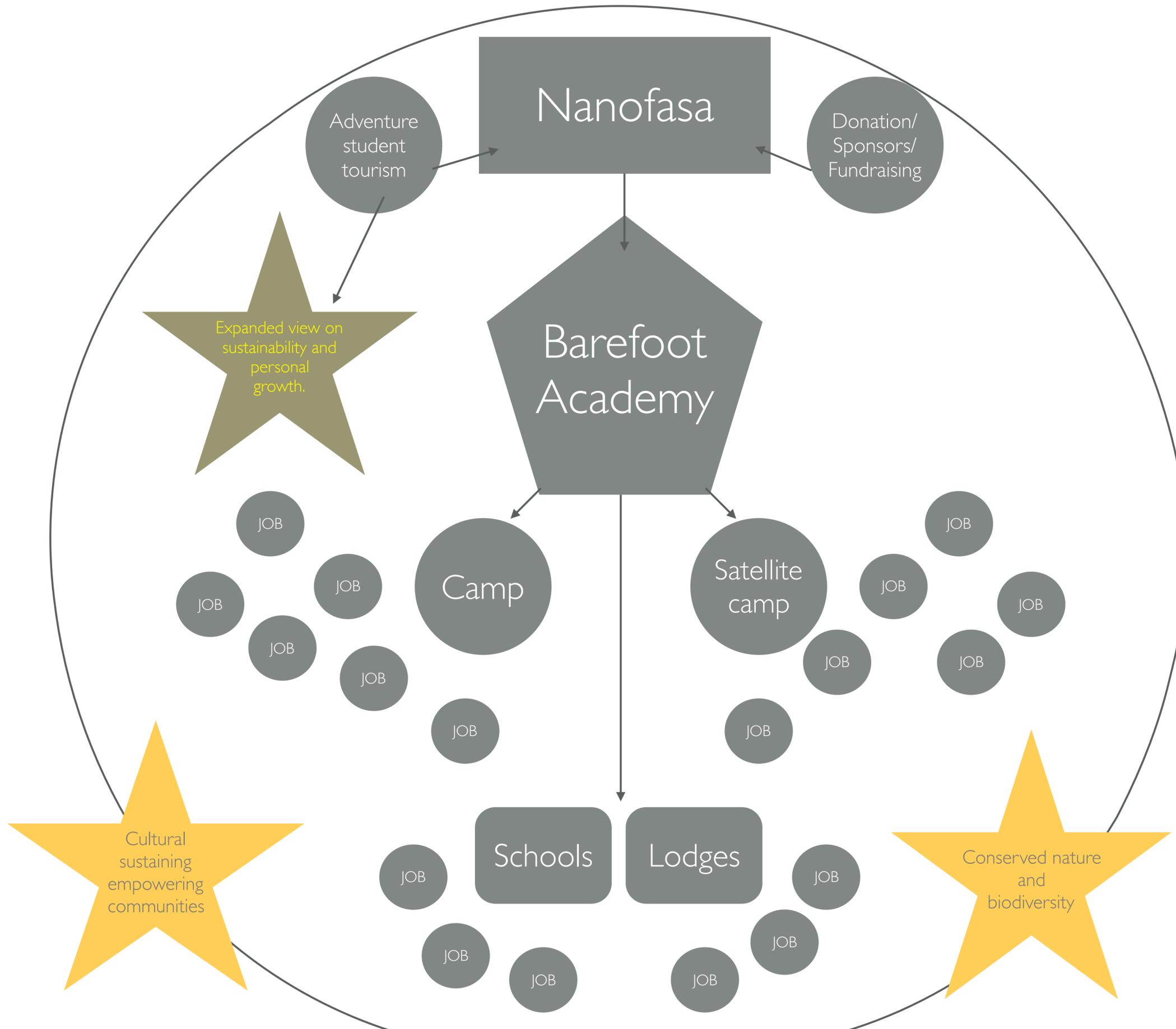


BAREFOOT ACADEMY



What is the Barefoot academy:

The Barefoot Academy is an Educational, training and research headquarters that is providing training, conservation awareness, work creation and enhancing livelihoods for people and communities within the Nyae Nyae Conservancy.



THE NANOFASA JOBS 2017



WOMEN BAREFOOT (3 PEOPLE)



INDIGENOUS ENTREPRENEURS
FILM & STORYTELLING (1 PERSON)



4 TRACKERS/WILDLIFE SHEPHERDS



COBBLERS



MAINTENANCE OF CAMP 2 PEOPLE
GUEST COOKING AND CLEANING 2 PEOPLE

JOB POSSIBILITIES IN NANOFASA

- Hospitality: Guides, traditional activity mentors, cooking, cleaning, maintenance.
 - Cyber-Tracker, survival teachers, researcher, vegetation assessor, indigenous gardner.
 - Crafting, shoe cobblers, persistence runner mentor, traditional teachings at the village schools.
- 
- A man in traditional attire, including a dark tunic and a large, light-colored bag slung over his shoulder, stands in a savanna landscape. He is holding a long, thin wooden staff or spear across his shoulder. The background shows a vast, open plain with sparse vegetation and a clear sky.

A photograph of two trackers walking away from the camera on a vast, orange sand dune under a clear blue sky. Both are carrying large, rounded packs on their backs and holding long sticks or spears. The sand has a fine, rippled texture.

TRACKER TRAINING

PASSING ON THE ANCIENT ART OF TRACKING

Continue the ongoing tracker training with different villages, and try to get as many of last years participants up to level 3 standard. Once level 3 is achieved they can start training children in their own villages, or get an opportunity to join wildlife shepherds, become guides for adventure students as well as performing research and data collection.

WILDLIFE SHEPHERDS

FUNDS
NEEDED

Turning an ancient tracking skill into a modern opportunity of being a Wildlife Shepherd.

A research and monitoring project and collaboration with MET and WFL on predator conflict.

Data collected will be invaluable towards the greater conservation of predators in Namibia and provide insight as to 'as close as' proximity towards predator numbers within this arid area. Compare GPS tracked data against data collected from Bushmen Tracking surveys (Nanofasa barefoot academy) whilst determining possible nomadic or satellite lion movement between Khaudom and the Nyae Nyae conservancy. Educate and train several chosen Bushmen to assist with this large project where the end goal would be to empower them to go into the local community and provide information, education with our combined WFL and Nanofasa educational program.



The Hunter modules

The Tracker

- Track and sign identification—> mammals & humans
- Principals of tracking (Traditional and modern)
- Scat ID and analysis, age of fluids
- Senses & gut-feel, Rituals and superstition
- Memory & reasoning capacity, story telling
- Fitness & Endurance—> tracking and persistence hunt
- Sign interpretation different surface, gait patterns, pressure releases
- Tracking awareness
- Geology
- Astronomy, story telling
- Weather & climate
- Ecology
- Taxonomy
- Basic Botany & grasses
- Arthropods, Amphibians, Reptiles
- Birds
- Mammals and animal behavior
- Historical human habitation

Research

- **Ecology:** - Collect baseline ecological data on the population dynamics, behavior, and movements of wildlife and natural surroundings
- Monitor the key ecological & biological parameters of the wildlife population
- Monitor the frequency & impact of conflicts between people and wildlife.
- Conservation & Management: - Develop & implement human-wildlife conflict management plans at local community level.
- **Research:** Monitoring large predators through traditional based techniques, and subsequent monitoring of large predator game census, camera trapping, scat analyses modern & traditional, footprint identification, tracking and reading signs of daily movement
- Topography and orthography

Traditional Hunting

- traditional knowledge about nature, wildlife
- superstition and rituals
- traditional hunting techniques, ecology, topography, orthography, storytelling
- tool, skin and shoe making

Hospitality

- Guiding in a natural environment
- Ethics of guiding
- Creating a traditional and professional guided experience
- Guiding principals
- Communication and service
- Briefing for guided experiences
- Orientation skills
- Laws, rules and legislation
- Safety

Trackers weekly

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	DAY OFF	I WORK	I LEARN	I TEACH	WE WORK	REPORTING DAY	DAY OFF
2		Work on making own tracking certification and manual	Learn how to process research data from spoor surveys (JOSH LEADS)	Alternate the two activities below every Wednesday. One Wednesday hunting and one Wednesday research	Predator tracking and research day	Write a report Summary of week:	
3		What subjects must be covered?					
4		How will you assess and measure the skill level of a tracker?	How to run your own business as trackers using Nanofasa as your agent. (josh will teach)	Take a few young guys out to join predator research with Josh. Teach them how to do spoor surveys and how to read tracks.		Challenges, sightings, experiences, research summary, difficulties.	
5		Follow modules for hunting department of Barefoot as a reference for manual content.		Take the young guys out for a tracking and hunting day.			
6				(young guys will not get paid as they are students)			

FUNDS
NEEDED

GATHER

BECOME A BUSH
SCIENTIST



The gatherer

The Gatherer:

- Ecology
- Geology
- Botany & grasses
- Weather, bird and vegetation studies e.g Botany:
- Usable plants, and an extraordinary variety of plants and herbs with both culinary and medicinal value.
- Gathering, water collection method and bush cooking,
- Crafting- modern and ancient
- Puberty, traditional beliefs, child care and becoming a women.
- Indigenous plant green house
- Resource management and control of the gulying effects of the rainy season.
- Orthography and oral language
- Performing traditional vegetation and resource assessments
- Mentoring & Teaching
- All the botany identification will be used in conducting a scientific and traditional vegetation assessment that will be provided on a monthly basis to the MET.
- Other activities involve the restoration and how local communities have through Nanofasa's skill development program learnt how they can to ensure the maintenance of the land in order to maximize the sustainability of the area for diversity of species to flourish.

FUNDS
NEEDED

SAN SCENT

PRODUCTS BY A BUSH SCIENTIST

The San women have been bush scientists for hundreds of years, and we are now extracting some of their ancient knowledge to create a modern opportunity for them to be entrepreneurs and bush scientists.

San Scent is a solid perfume, that we base on their traditional perfume necklace called SA

We also want to develop a body butter from their own ingredients mixed with local oils and beeswax. This will be a collaboration with Lynn and Aleks's company JUZO



JUZO

ARTI-SAN

THE CREATE SHOP

FUNDS
NEEDED

Ju Zo is Ju/'hoansi language and means "honey people". The San have always had an incredible skill, creativity and innovation when it comes to crafts, decoration and practical tools/objects.

The JU ZO department of the Barefoot Academy is a craft shop, createshop, workshop and storage for all craft related resources, tools and products.

This is where tourists or clients can come and purchase the latest innovation or request something to be custom-made by the San. It is also a workshop for finer details that needs to be kept out of the sand.

It is a storage for seeds, ostrich eggs, hides/skins, thread and other things needed to ensure that there is always an access to craft creation and product making.

The Ju ZO family is a artisan working platform where the San share knowledge, combine techniques, and unite skills to create innovative products that promotes creative storytelling of their cultures creativity as well as passing on this craft to the younger generation of San. Their products can be sold to tourist, lodges, curio shops and other shops.



CRAFT & TOOL MAKING



Learn how to make tools and craft in the traditional way

Gatherers weekly

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	DAY OFF	I WORK	I LEARN	I TEACH	WE WORK	REPORTING DAY	DAY OFF
2		Work on making own book and teaching manual botany: plants and their uses.	Learn how to topics for the rest of the year:	Alternate the two activities below every Wednesday. One Wednesday gathering and one Wednesday games and traditional dances, craft making	Indigenous greenhouse	Write a report Summary of week:	
3		Medicinal plants	Make essential oils from the perfume plants		SAN SCENT		
4		Edible plants....	How to run your own business as a bush scientist making own creams and perfumes.	Take a few young people out to join a gathering session. Teach them about plants and their usages.	CRAFT	Challenges, experiences, work week summary, difficulties.	
5		Follow modules for Gatherer department of Barefoot as a reference for manual content.	Finance, savings women rights etc..	Teach young people dances, games, craft making			
6			Lead by XAGA	(young people will not get paid as they are students)			
7							
11							

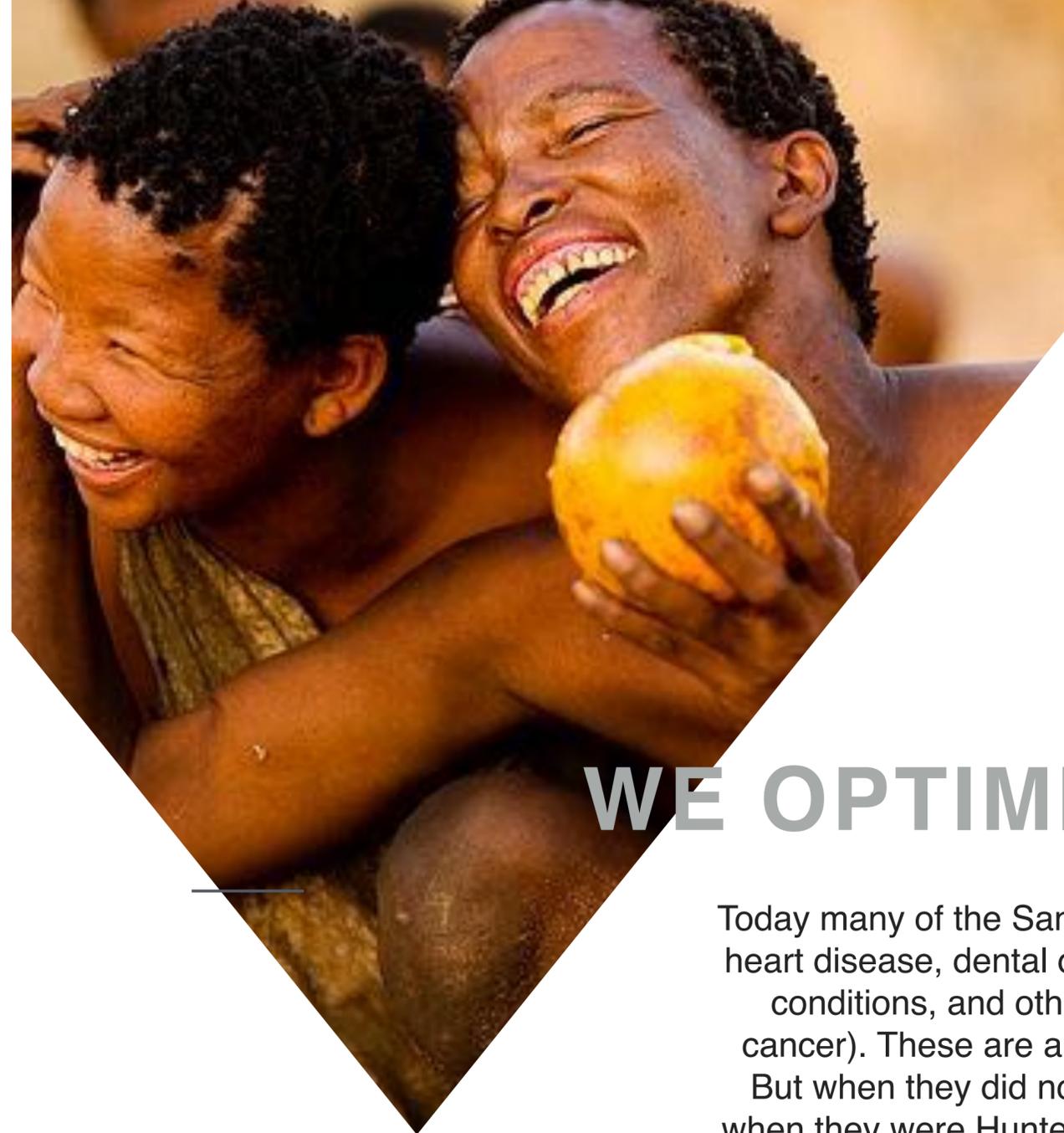
A close-up photograph of a person's legs from the knees down, wearing traditional sandals. The sandals are made of light-colored leather with multiple thin straps and a large, round, black beaded tassel hanging from the toe strap. The person is sitting on a thick, woven mat made of natural fibers. The background is a soft-focus natural landscape with green grass and small yellow flowers.

THE ANCIENT HUNTING SANDAL PROJECT

Modern and ancient knowledge unite

Cobblers weekly

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	DAY OFF	SAN-DAL	SAN-DAL	SAN-DAL	REPORTING DAY	SAN-DAL	DAY OFF
2		SAN-DAL making	SAN-DAL making	SAN-DAL making	Write a report Summary of week and report back to SmallBOY or LEON	SAN-DAL, cobbler training or craft making	
3						Stock take	
4					Challenges, sightings, experiences, research summary, difficulties.		
5					RUNNING SESSION WITH KAMACHE AND YOUNG BOYS		



HUNGRY FOR HEALTH

FUNDS
NEEDED

WE OPTIMIZE YOUR HEALTH

Today many of the San suffer from many diseases like diabetes, heart disease, dental decay, high blood pressure, auto-immune conditions, and other conditions (including some forms of cancer). These are all considered the diseases of civilization.

But when they did not buy tinned foods full of preservatives, when they were Hunter-gatherers, they rarely suffered from any of these conditions.

Nanofasa will strive to bring health back to the San, by building a massive dehydrator, that can dehydrate fruit, vegetables and meats. We want to build awareness towards sugar and preservatives.



THE SAN-RISE ADVENTURE

Are you ready to live wild & free?

Our adventure destination is for those with an adventurous streak, who is ready to venture into 'Namibia's forgotten wilderness together with the oldest tribe in the world.

It is a real encounter, with the symbiosis of culture and nature, where you, our adventure guests will become students of our San Mentors and take part in this hunting and gathering lifestyle. This is an unfenced wilderness is home some of Africa's famous 'Big 5' species; the African Elephant, secretive Leopard, the roaring Lions.

It is an incredible opportunity to experience wildlife in a highly dignified and sensitive Bushman manner.



What has Nanofasa done so far

Nanofasa has operated a training centre at /Xi Hoba village, and created 35 jobs for the Ju/'hoansi. We have 11 community members working on an ancient San-Dal project, 5 people that will start working as tracker teachers, and 10 people working on indigenous gardens, maintenance, learning building skills the Barefoot Academy. And 9 people that are working with adventure tourists coming to learn from the SAN people as well as teaching traditional knowledge of plants and tracks to their younger generation.

We have contributed to a solar pump at Botswana pos in the Conservancy area, and set up solar panels and fixed the water at /xi //oba village

We had 19 guys trained and evaluated by Cybertracker (best tracking qualification in the world, and they will now start the preparation for a training setup in their own village communities in the next quarter. We will assist the evaluators in developing tracking and tradition training modules so that they can provide training to the younger generation. We also did a tracker training with the Hai//om last December.

We have created a indigenous plant greenhouse for educational and drought relief purposes.

We hosted several shoemaking workshops and we started the ancient hunting sandal shoemaking in February last year. Last year we received an order from the UK on 300 Pairs of shoes, and the world is loving the product made by the San Artisans.. The cobbler are currently working on making 1400 pairs at the Barefoot Academy, that will be sold internationally.

We are in the process of hosting a bottle collection cleanup in Tsumkwe to expand the indigenous plant green house, followed by a seed collection and evaluation assessment with the women, where we decide what our pioneer plants will be for the Green House. But this will only take place in the next quarter.

We started bringing adventure students to the /Xi//hoba, but the next groups will visit several communities in the Nyae Nyae so that the different communities can benefit from the tourism that is non-invasive etc.

We hosted the first ever Ju/'hoansi day, where the villages got together to celebrate their culture and traditional knowledge

FUNDING NEEDED

WHAT	ONE TIME COST	ANNUAL COST	TOTAL COST FOR 1 YEAR (RAND)	EURO
WILDLIFE SHEPHERDS SALARIES		240 000,00	240 000,00	
GATHERER SALARIES		180 000,00	180 000,00	
SAN SCENT SETUP	45 000,00	51 200,00	96 200,00	
JUZO ARTISAN PROJECT	28 000,00	70 500,00	98 500,00	
WILDLIFE RESEARCH HEAD QUARTERS	250 000,00		250 000,00	
HUNGRY FOR HEALTH		40 160,00	40 160,00	
TRACKER TRAINERS		240 000,00	240 000,00	
WILDLIFE RESEARCH	20 000,00	280 000,00	300 000,00	
SANRISE STORYTELLERS	60 000,00	180 000,00	240 000,00	
TOTAL			1 684 860,00	105 303,75

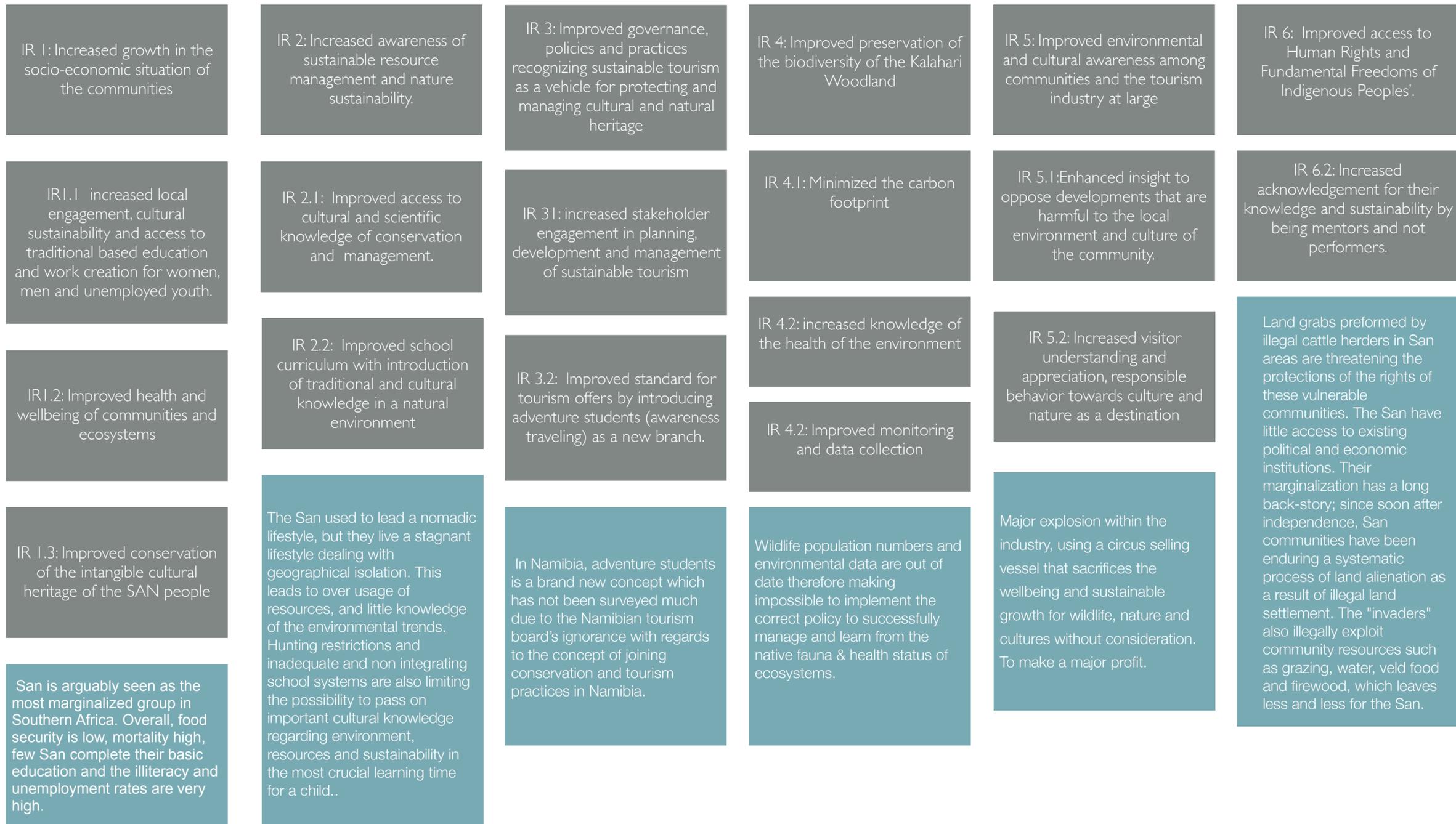
Future focus

Global challenge	Main intervention	Contribution	Impact
Cultural erosion	Empowerment	Capacity Culture Awareness	work creation training and local engagement community resilience & culture pride
Loss of bio diversity	Research/monitoring and ecosystem management	Conservation Capacity Ecological overview	Job creation income generation awareness and knowledge thriving ecosystems minimized the carbon footprint
Poverty & unemployment	Socio-economic empowerment	Culture conservation capacity Empowerment	Work creation Income Training and placement Leadership Improved health
Major explosion within the industry, sacrificing the wellbeing and sustainable growth for wildlife, nature and cultures without consideration, to make a major profit.	Showcase Responsibility Sustainable practice of tourism	Adventure students Communication Knowledge exchange	Increased sustainability & management Community Mentor building & pride Adventure student blueprints and partnership
Habitat loss	Land management and entitlement	Strengthened communities and conserved land areas for the San	Resource management & sustainability Awareness Put a stop to illegal land grabbing

Result framework with value-added indicators for Conservation and Empowerment

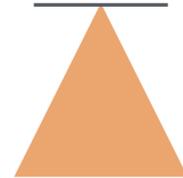
Goal: Healthy Nature, Adventure, Culture and Community interaction.
Improved human well-being and ecosystem health

SO: Increase engagement and knowledge exchange.
Engage communities, through the right incentives to conserve wildlife, natural surroundings and resources that their culture and livelihood also depend upon.





IF WE HEAL
OURSELVES



WE HEAL THE
EARTH