



REMOTE ENERGY & REFRIGERATION

Creating Sustainable Businesses for Remote
communities



PRESENTATION OUTLINE



POINTS FOR DISCUSSION

About the Company

Background

Problem

Solution

Costs and Benefits

BLACK STUMP

Black Stump Technologies' purpose is to empower individuals, communities and the organisations that support and protect them in times of their greatest need and for the longer term. Our solar-powered refrigeration and energy technologies specifically developed for remote areas enable us to provide rapidly deployable solutions to the issues of clean water, food, sanitation, medical storage, cold-supply-chain and energy.

Supporting Partners

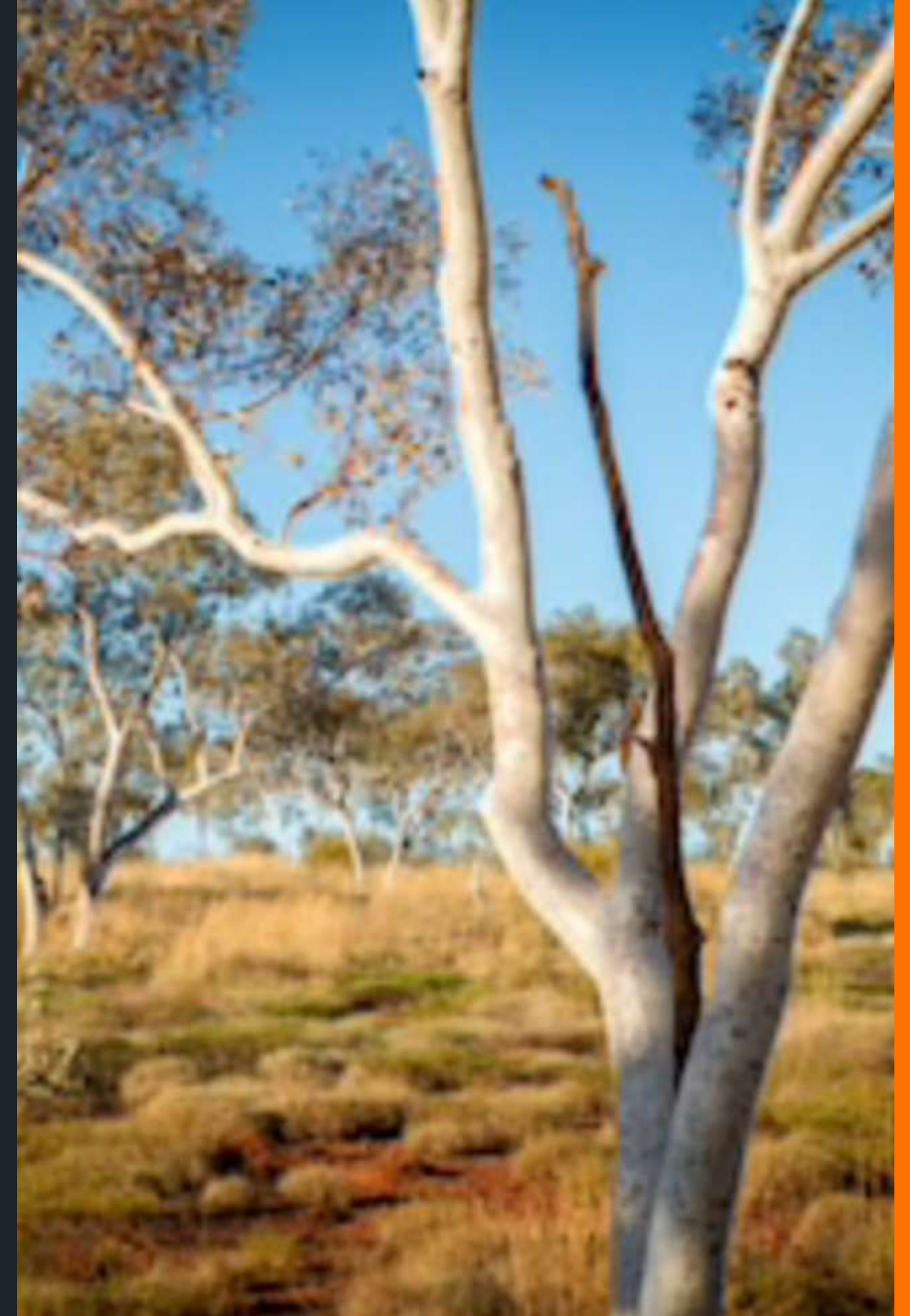


BUNJIL
ENERGY

BACKGROUND

REMOTE KANGAROO HARVESTING

- Increased kangaroo populations causing environmental and economic damage.
- State Government issued quotas for kangaroos culling not being met.
- Kangaroo is one of the most sustainable, lean and delicious meats that Australia produces.
- Kangaroo is 100% natural lean meat that is sustainably and ethically sourced from the open ranges of Australia.
- Remote Indigenous Australian communities have access to land with large kangaroo stocks and hunting knowledge.



PROBLEM

GOVERNMENT QUOTAS

Not being reached.

INDIGENOUS COMMUNITIES

No current off-grid business for Indigenous communities to harvest sustainable meat.

COLD CHAIN

Carcass needs to be chilled after hunting to meet food safety requirements.

Remote communities lack access to electricity and chillers.



SOLUTION



BLACK STUMP

Redeployable, Energy Independent Cooling & Freezing

- 100% Solar Powered
- No Operating Costs
- Low Maintenance
- 24 Hour Operation
- Under 10 minutes from Delivery to Operation
- Transportable World Wide
- No Fuel Logistics or Storage
- No Special Training or Equipment
- Non-Polluting & Quiet

CREATING A SUSTAINABLE BUSINESS

Using Black Stump's Solar Kanga Cooler and business plan to create a sustainable off-grid business for Indigenous communities living on Country that have access to large kangaroo stocks.

SOLUTION



Social



Environment



Economic



SOLUTION

REMOTE INDIGENOUS COMMUNITIES

Harvest kangaroos
Processing
Sales and Distribution

BLACK STUMP KANGA KOOLER

No cost, hygienic cold
chain

BUSINESS

Sell to supermarket
suppliers (Macro
Group), restaurants
and catering
companies,
pet food
manufacturers

RESULTS

Help governments
meet their quotas and
the environment.
Indigenous
empowerment and
income.
Clean energy cold
storage.



KANGA KOOLER

- Designed to handle high heat loads. Hot produce straight from the field to fridge
- 100% solar powered
- Independent power
- quiet, clean and green
- Transportable and securable
- operates 24hrs in any environment
- No operation costs and low maintenance
- Remote operation and monitoring available
- 10 minutes from unload to operation



EXAMPLE BUSINESS

ACTIVITY ON A GIVEN DAY	
NUMBER OF PEOPLE HUNTING	3
NUMBER OF KANGAROOS PER PERSON	10
AVERAGE WIGHT OF KANGAROOS (KG)	25
KANGAROO CAUGHT PER PERSON (KG)	250
TOTAL WEIGHT OF KANGAROOS CAUGHT (KG)	750

REVENUE STATEMENT

- If business sold kangaroo meat at industry average.

INCOME		
AMOUNT OF KANGAROO SOLD (KG)	750	
PRICE PER KG OF KANGAROO (\$)	\$ 0.70	
TOTAL SALES		\$ 525.00
TOTAL INCOME PER DAY		\$ 525.00
TOTAL INCOME PER YEAR (260 DAYS)		\$ 136,500.00

**WHAT IS
NEEDED?**

**INDIGENOUS
COMMUNITIES
FUNDING**

REACH OUT



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