

# The True Value of Nature

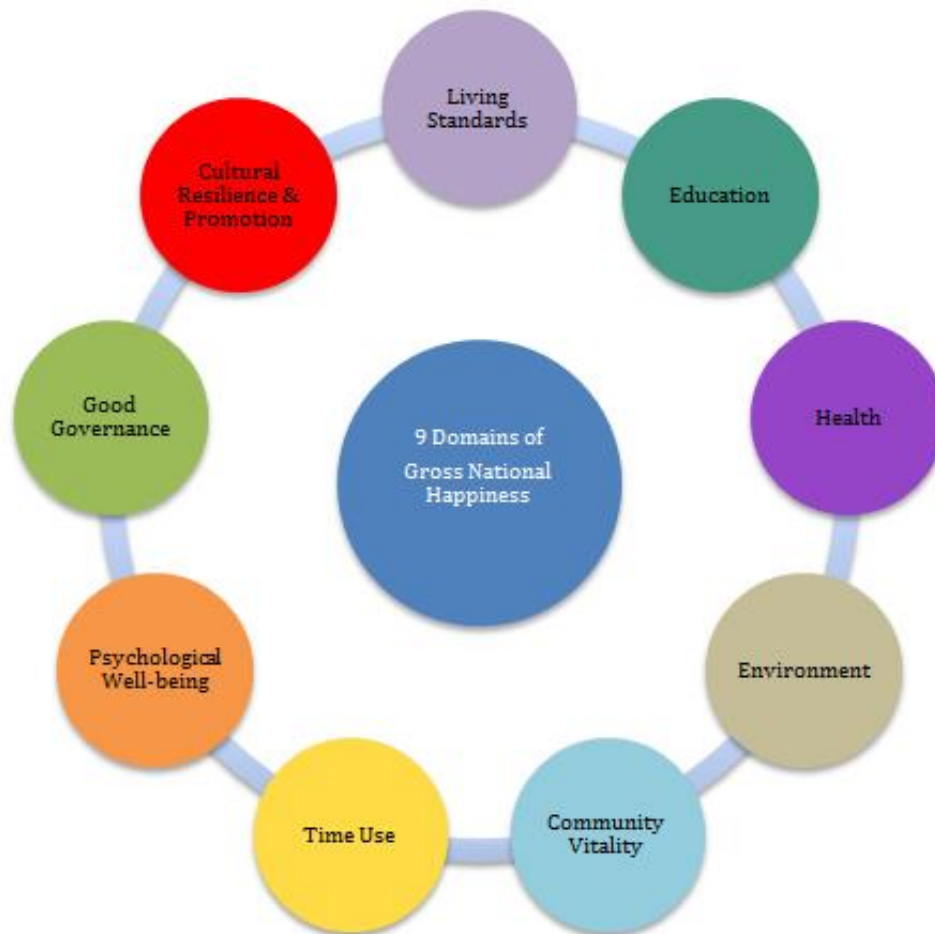
Valuing conventional economic AND non-economic factors for more sustainable and successful wildlife conservation interventions



# Key Points

- Limits to primarily financial incentives
- Non economic/wellbeing factors are also critical
- Holistic wellbeing tool for structured community engagement
- Benefits to wildlife and communities

# Gross National Happiness Domains







# Case Studies



# Chikolongo Livelihoods Project

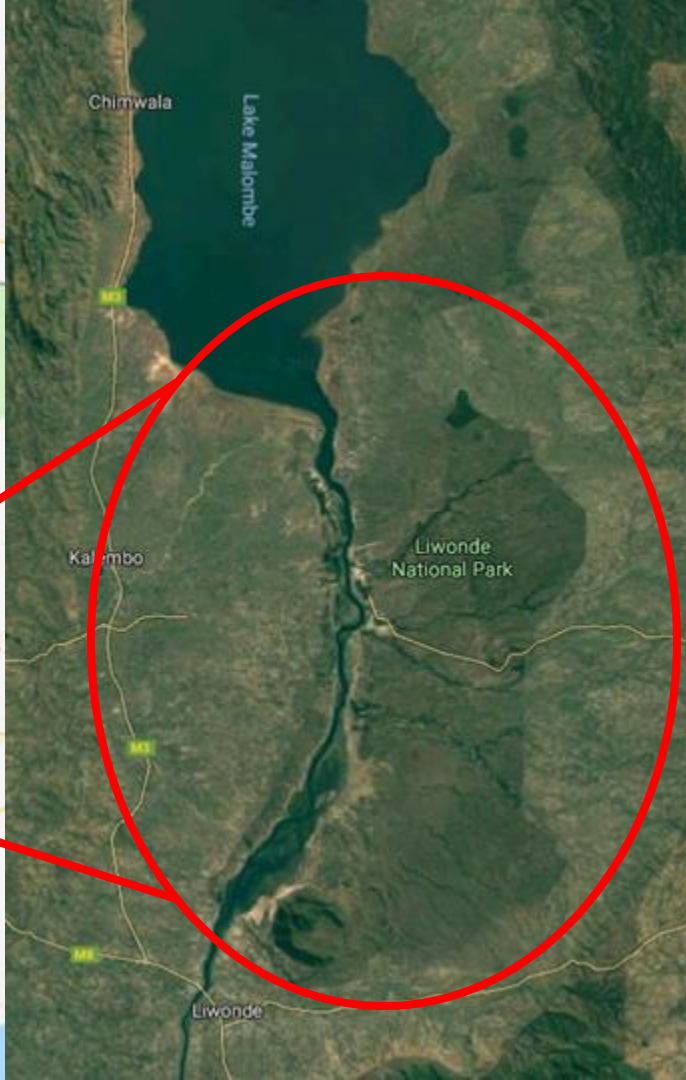


**IFAW**

International Fund for Animal Welfare

# Community and Landscape

**Chikolongo Livelihoods Project**



# Human and Wildlife Issues

**Chikolongo Livelihoods Project**



International Fund for Animal Welfare







# Solutions

**Chikolongo Livelihoods Project**





# Community Involvement

**Chikolongo Livelihoods Project**







# Human Wellbeing Indicators

**Chikolongo Livelihoods Project**

# Ecological Diversity and Resilience





# Standard of Living & Health

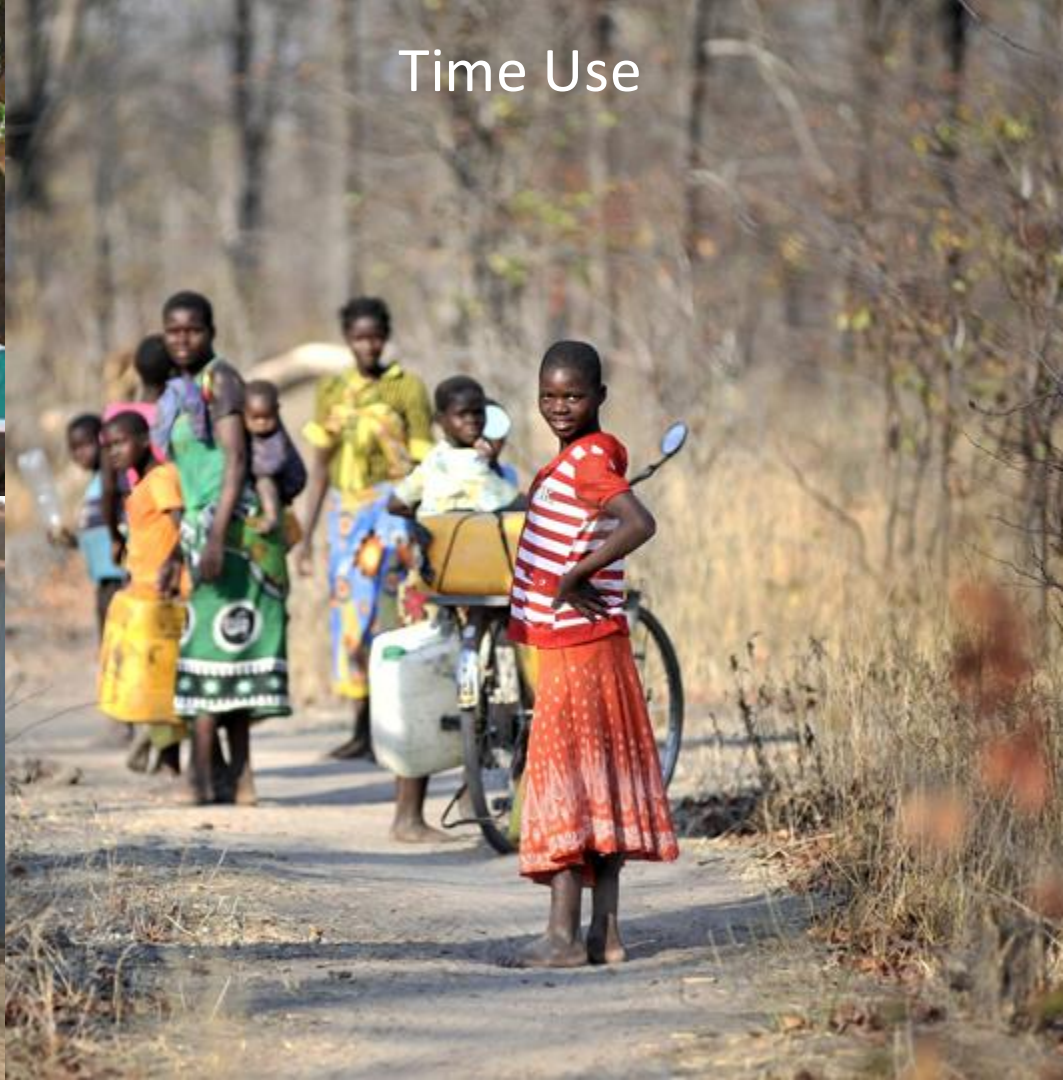




Community Vitality



Time Use









# LAGUNA SAN IGNACIO CONSERVATION ALLIANCE

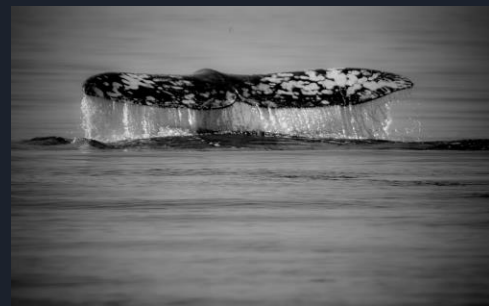
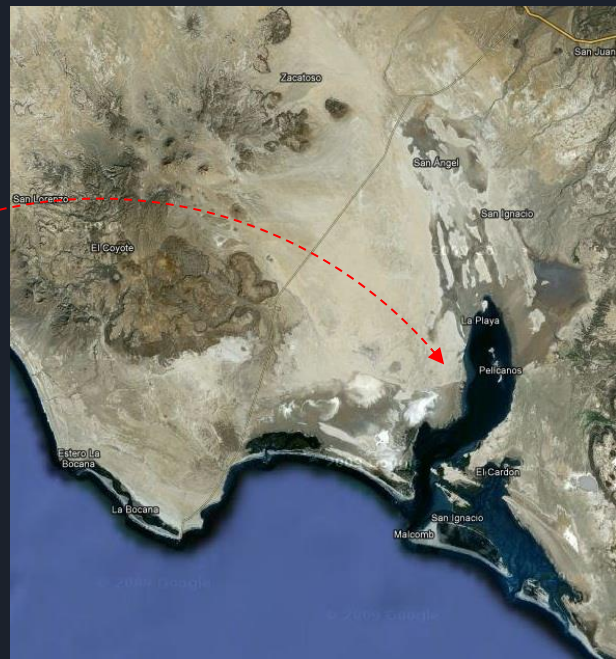
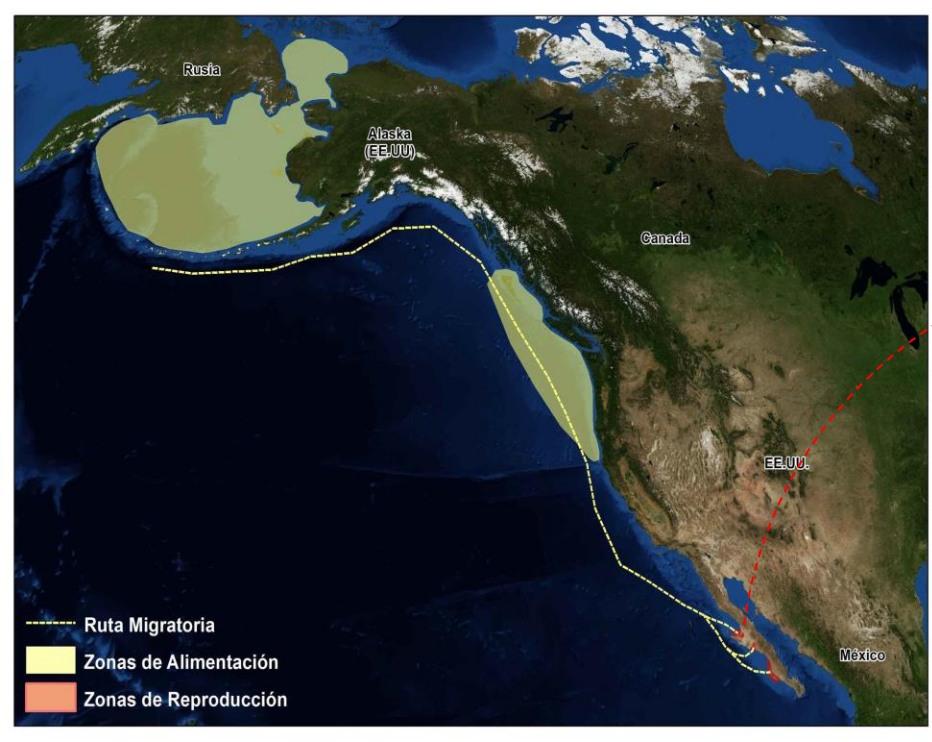
Laguna San Ignacio, Baja California Sur, Mexico.



# Community and Landscape

Laguna San Ignacio Conservation Alliance





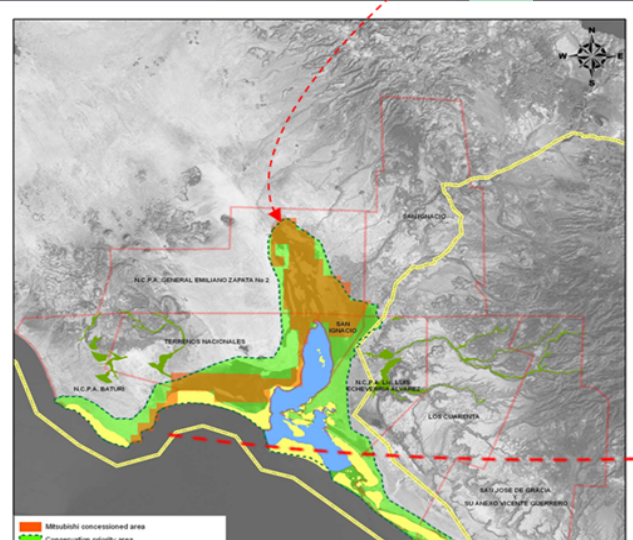
# Human and Wildlife issues

Laguna San Ignacio Conservation Alliance





FIG. 5. Flensing a whale at San Simeon Station. (From Report of U. S. Fish Commission for 1888.)





# Solutions

Laguna San Ignacio Conservation Alliance



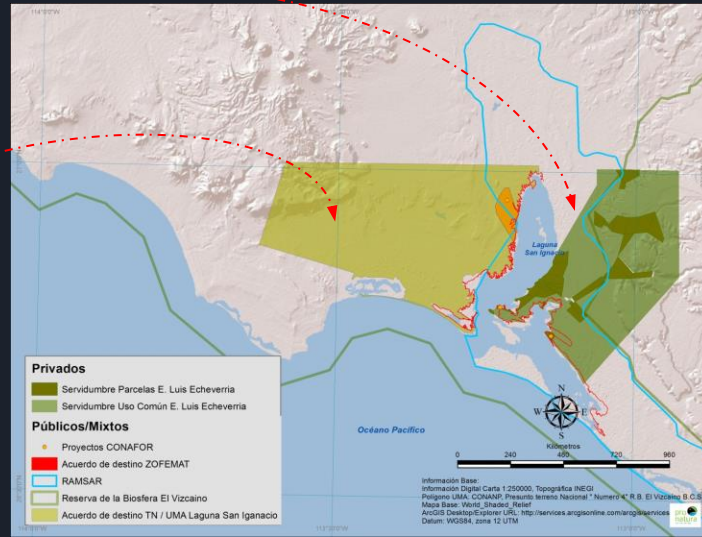
# Conservation Easement

57,000 Has

Community Seed Fund  
25,000 USD/Yr  
(250,000 USD – 10 Yrs)

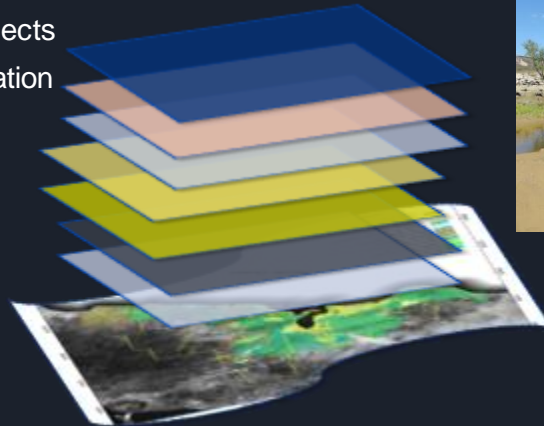
# Federal Lands Concession for Conservation

84,000 Has



# Social ByProducts

- Legal assistance/certainty on land ownership
- Technical assistance for sustainable projects
- Capacity Building & Environmental Education
- Alternative productive activities
- Health assistance
- Better governance
- Better public services

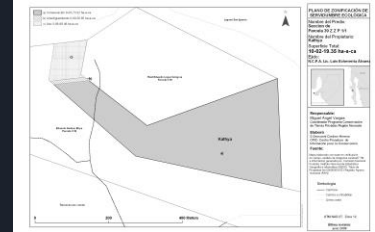
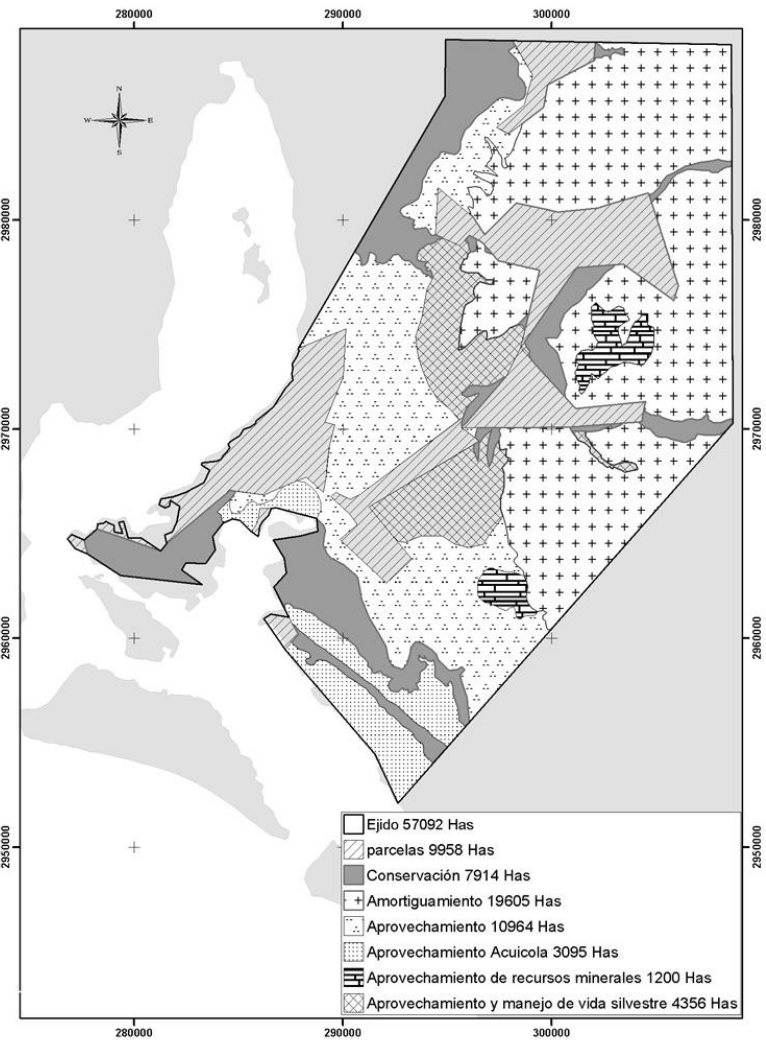


# Community Involvement

Laguna San Ignacio Conservation Alliance





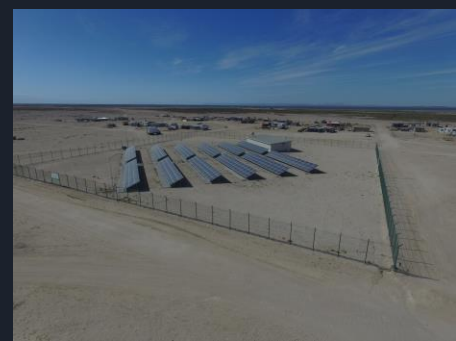


# Human Wellbeing Indicators

Laguna San Ignacio Conservation Alliance









# Sustainable and Effective

Laguna San Ignacio Conservation Alliance





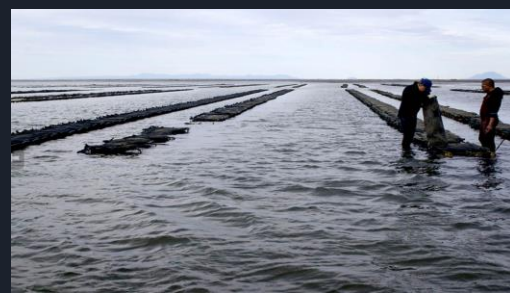
29.75 inHg - 8 57F ( 01/04/2008 11:07AM



29.80 inHg - 8 9C ( 10/04/2013 07:14AM CPIC0010



29.72 inHg - 8 15C ( 06/07/2014 06:12AM CPIC0004





THANK YOU !!



Learn more: <https://www.youtube.com/watch?v=THHRIrCc8iQ>

Support: <https://donate.icfdn.org/npo/baja-stewardship-fund>

**Laguna San Ignacio Conservation Alliance**



# Great Plains Conservation Foundation — Conservation Education

Okavango Delta, Botswana



# Community and Landscape

**Botswana – Conservation Education**



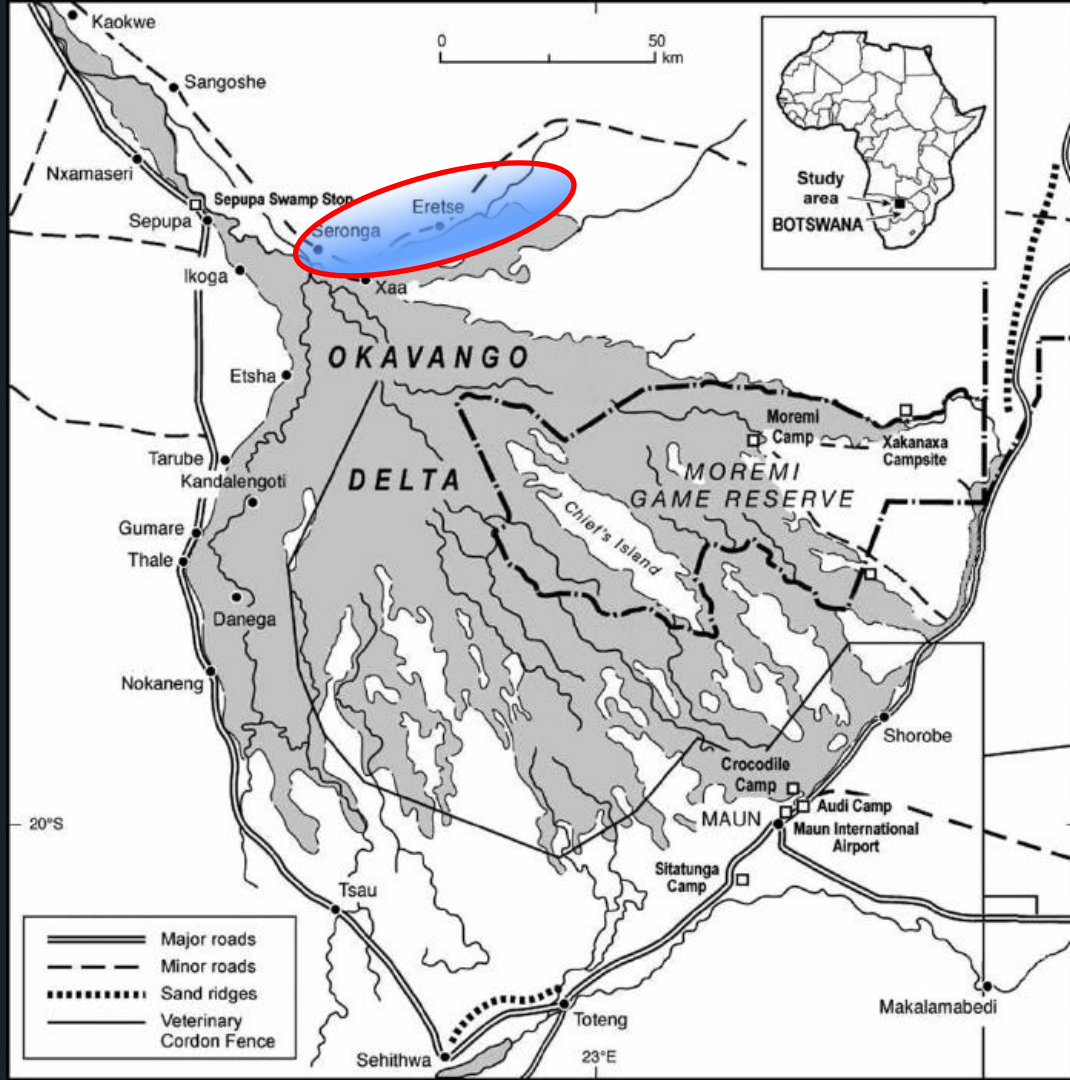


**AFRICA**

- ☆ National capital
- Major City
- International boundary















GUDIGWA











# Human and Wildlife Issues

**Botswana – Conservation Education**

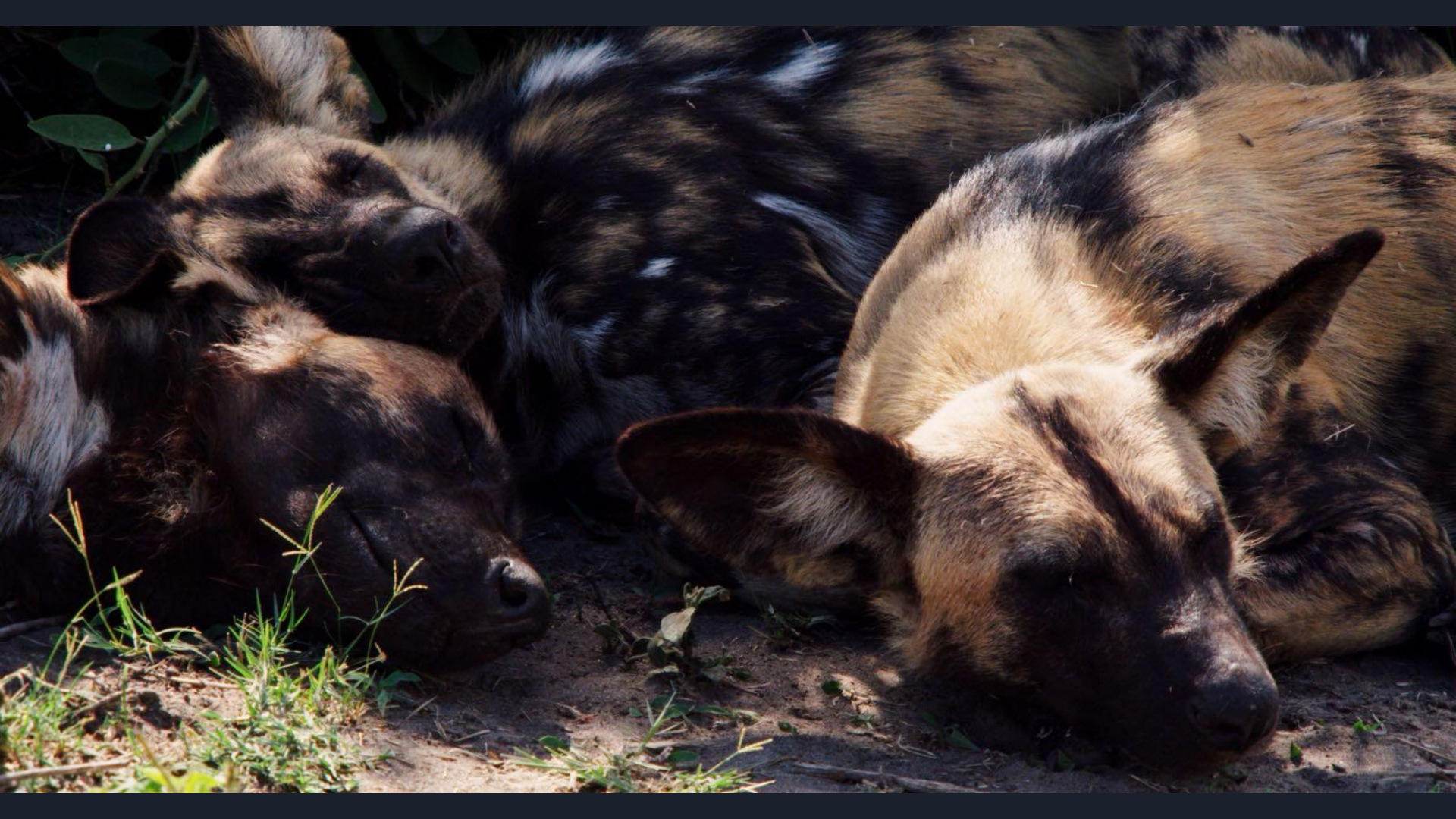


























# Solutions

Botswana – Conservation Education



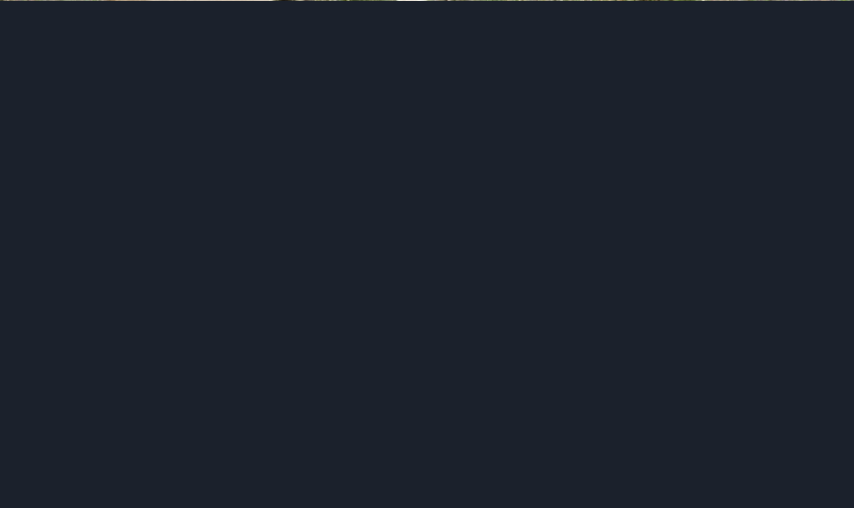




















I am yellowbilled hornbill. Can you colour in my beak?



I am a Longtailed starling. Can you colour in my beautifully-coloured body?



FOUNDATION  
**GREAT PLAINS**

CONSERVING AND EXPANDING NATURAL HABITATS





# Community Involvement

**Botswana – Conservation Education**





gives us the  
It lives in a kraal.

My Future, My Responsibility, My Accountability, My Choice.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

It lives in a kraal.

Stimuli

Teacher holding papers

WORLD BANK

SPE





# Human Wellbeing Indicators

Botswana – Conservation Education











# Sustainable and Effective

**Botswana – Conservation Education**









## Six More Case Studies



# GNH Analysis of the Case Studies

	Ecological Diversity and Resilience	Standard of Living	Health	Education	Good Governance	Community Vitality	Psychological Wellbeing	Cultural Diversity and Resilience	Time Use
<b>Results</b>									
Rwanda	2	2	3	3	0	3	1	1	0
Malawi	3	3	3	2	1	3	1	0	3
Indonesia	3	3	3	2	1	1	2	1	2
India	3	0	0	0	1	3	1	2	0
Kilombero	3	3	1	1	2	2	0	0	0
Mbeya	3	3	2	2	3	1	2	2	0
Mexico	3	3	2	2	3	3	1	2	0
Botswana	2	1	0	3	2	2	3	1	0
Mozambique	3	3	3	3	1	2	1	0	0
<b>Considered in Planning</b>									
Rwanda	Yes	Yes	Yes	Yes	No	Yes	No	No	No
Malawi	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes
Indonesia	Yes	Yes	Yes	Yes	No	No	No	No	Yes
India	Yes	No	No	No	No	Yes	Yes	Yes	No
Kilombero	Yes	Yes	No	No	Yes	No	No	No	No
Mbeya	Yes	Yes	No	No	Yes	No	No	No	No
Mexico	Yes	Yes	No	Yes	Yes	No	No	No	No
Botswana	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Mozambique	Yes	Yes	Yes	Yes	No	Yes	No	No	No

## Overall Results

	Community Involvement	Project Sustainability
Rwanda	2	1
Malawi	2	1
Indonesia	2	2
India	2	2
Kilombero	2	1
Mbeya	2	2
Mexico	2	2
Botswana	2	2
Mozambique	2	2

## Key:

<span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span>	Decreased
<span style="display: inline-block; width: 15px; height: 15px; background-color: #d3d3d3; border: 1px solid black;"></span>	Stayed the same
<span style="display: inline-block; width: 15px; height: 15px; background-color: #f0f0f0; border: 1px solid black;"></span>	Not Assessed or Unknown
<span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span>	Slight Increase (or remained satisfactory)
<span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; border: 1px solid black;"></span>	Moderate Increase (Or remained good)
<span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black;"></span>	Great Increase (or remained excellent)
<span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span>	Not satisfactory
<span style="display: inline-block; width: 15px; height: 15px; background-color: cyan; border: 1px solid black;"></span>	Satisfactory
<span style="display: inline-block; width: 15px; height: 15px; background-color: blue; border: 1px solid black;"></span>	Excellent

# Conclusion and Next Steps





# Discussion Questions

- Examples of successful systematic community engagement practices?
- Examples of successful systematic community wellbeing assessments and wildlife/habitat issues?