



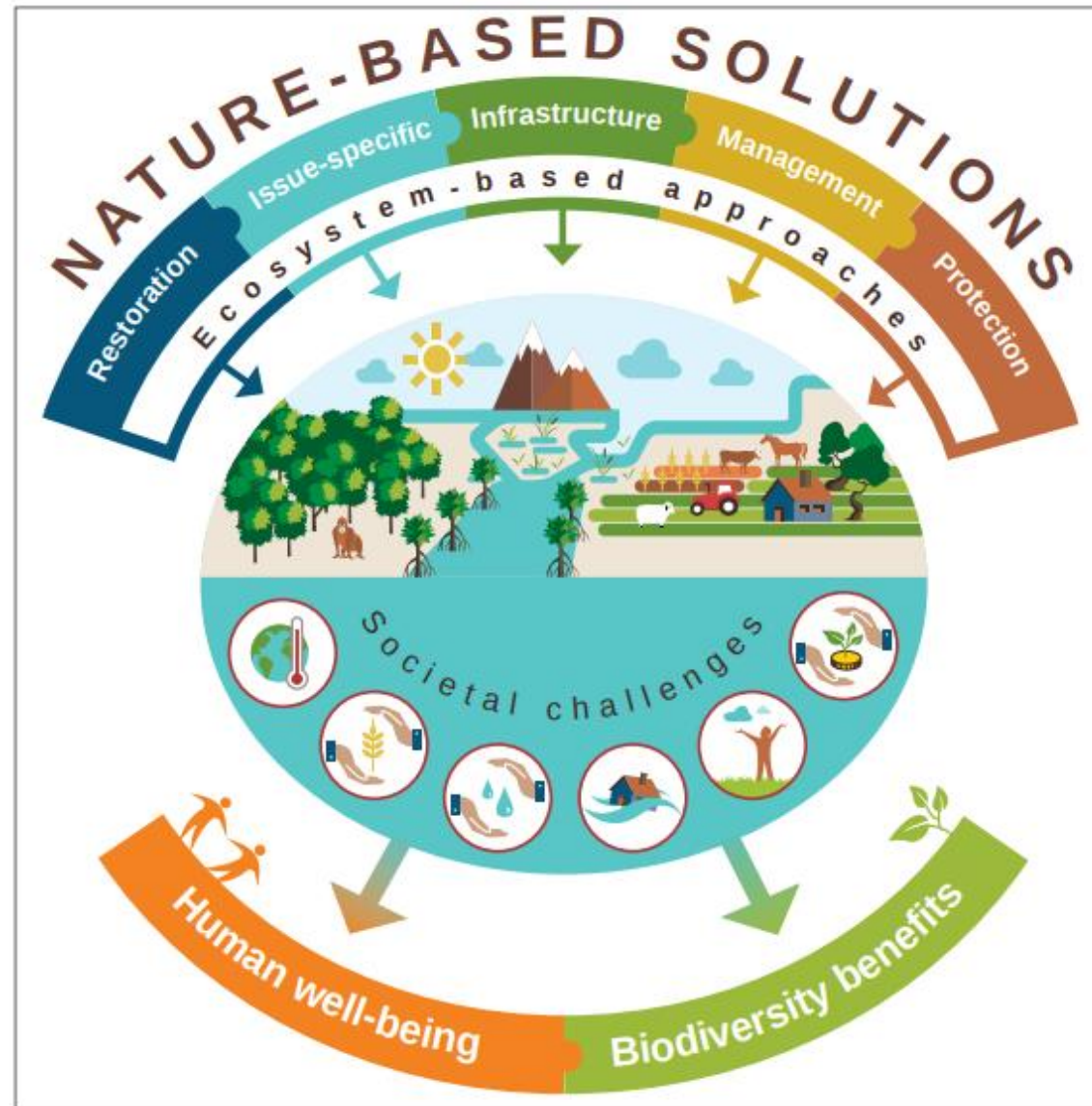
THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

From Nature-based tourism to Nature-based solutions: A new era in Ecotourism

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Tourism Cluster – UQ Business School

What are Nature-based solutions?



IUCN, 2016

What are Nature-based solutions?

“Actions to protect, sustainably manage, and restore natural or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits”.

IUCN, 2016

Ecosystem Services



Raw materials



Shoreline protection



Tourist attraction



Recreation



Carbon sequestration



Biodiversity



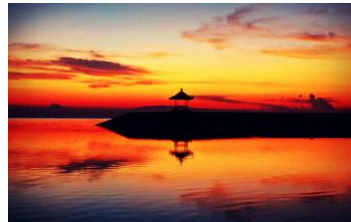
Navigation



Genetic resources



Food production



Aesthetic



Flood protection



Water quality



Micro-climate



Habitat



Livelihoods



Shelter for marine life

NbS Approaches

Category of NbS approaches	Examples
Ecosystem restoration approaches	Ecological restoration Ecological engineering Forest landscape restoration

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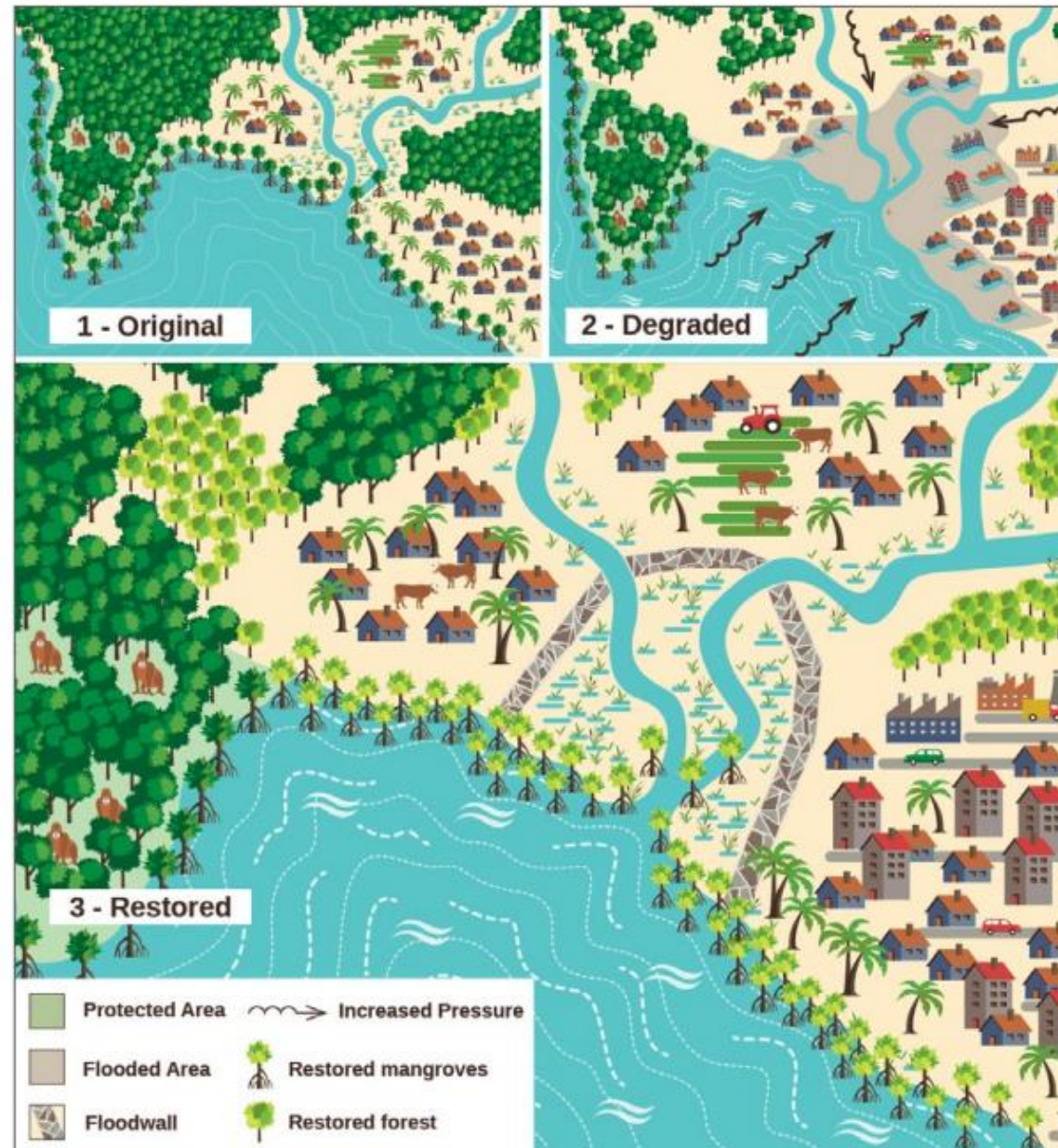
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Ecosystem-based management approaches	Integrated coastal zone management Integrated water resources management
Ecosystem protection approaches	Area-based conservation including protected area management

Example of NbS in practice



IUCN, 2016

Operational Parameters for NbS

1. Ecological complexity

Interventions that maintain or promote complexity at different ecological scales

2. Long-term stability

Interventions that can persist over many years

3. Scale of ecological organisation

Interventions that mediate the 'upstream and downstream' relationships, dependencies and benefits.

4. Direct societal benefits

Support the delivery of an attributable and substantial stream of direct societal benefits

5. Adaptive governance

Institutional and decision-making arrangements flexible enough to adapt over time, to meet the changing needs of the people who manage and rely on these ecosystems

ECOTOURISM

VISION

- Ecologically sustainable tourism with a focus on experiencing natural areas fostering environmental and cultural understanding, appreciation and conservation

MODUS OPERANDI

- Authentic and responsible
- Based on core ecotourism principles

CONTRIBUTION or OUTCOMES

- CSR model
- Social Licence

ROLE

- Positive contributor to programs
- A voice

ADVANCED ECOTOURISM PRACTICE

VISION

- Create societal and ecological transformation with ecotourism as a vehicle for funding and for inspiring others

MODUS OPERANDI

- Innovative and leading across industry, other sectors and across systems
- Implementing or financing NBS
- Social enterprise

CONTRIBUTION or OUTCOMES

- Transformation of ecosystems/livelihoods/species survival

ROLE

- Pivotal
- Core to success of programs
- Influencer of stakeholders
- Game changer

Alignment between aims of NbS and Advanced Ecotourism

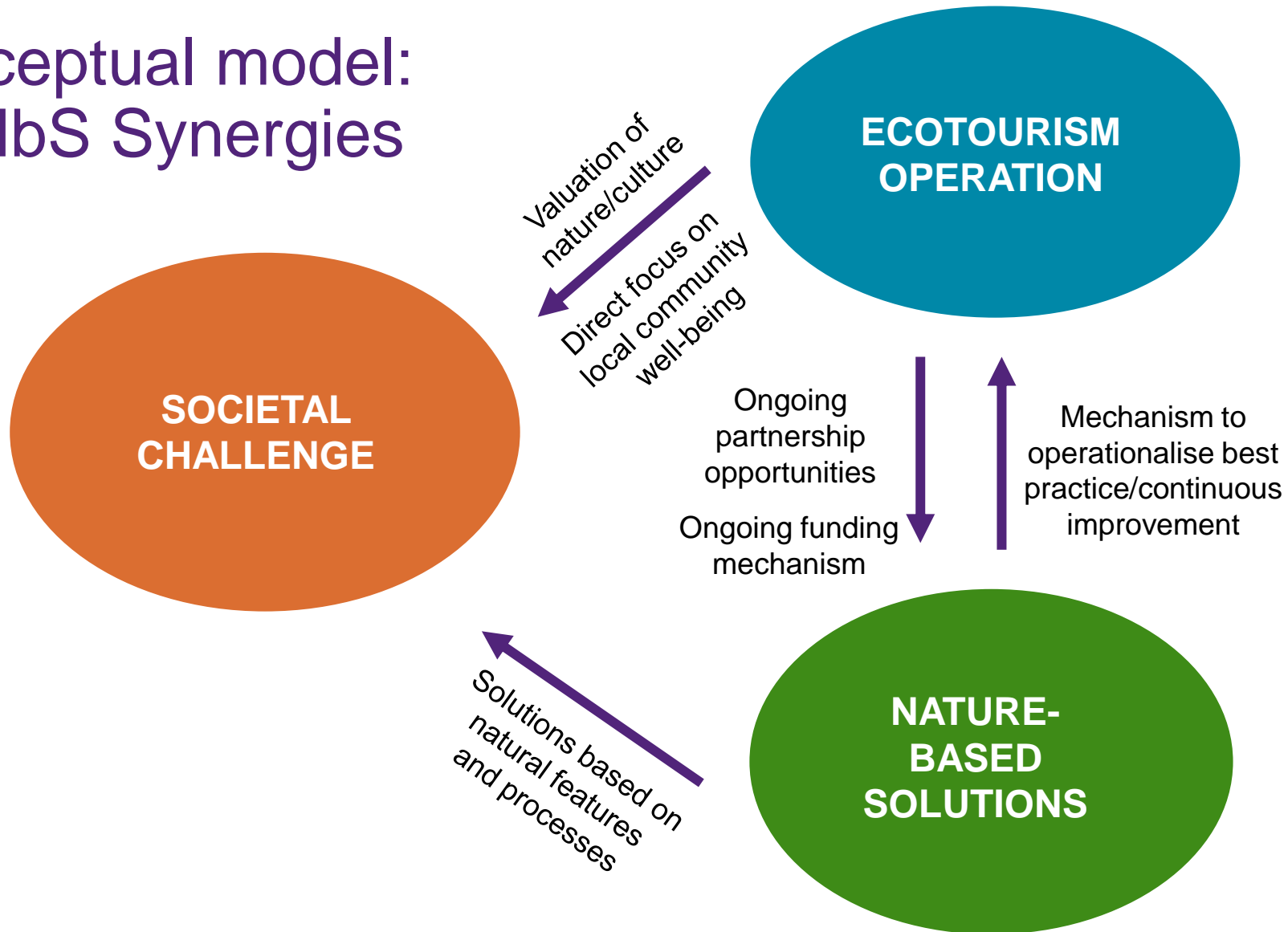
	Supporting ecosystems	Achieving development goals	Enhancing wellbeing and understanding
Aims of Nature Based Solutions (Source: IUCN, 2018)	“Enhance the resilience of ecosystems , their capacity for renewal and the provision of services.”	“Support the achievement of sustainable development goals....”	“... safeguard human well-being in ways that reflect cultural and societal values.”
Aims of Ecotourism (Source: The International Ecotourism Society, 2018)	“...effective economic incentives for conserving and enhancing bio-cultural diversity and helps protect the natural and cultural heritage...”	“... an effective vehicle for empowering local communities around the world to fight against poverty and to achieve sustainable development.”	“.....promotes greater understanding and appreciation for nature, local society, and culture.”

Synergies – affecting positive change through ecotourism

- ❖ **Ecotourism** → long term funding model to support Nature-based solutions
- ❖ **Nature-based solutions** → gateway to advanced ecotourism practice



Conceptual model: ET NbS Synergies

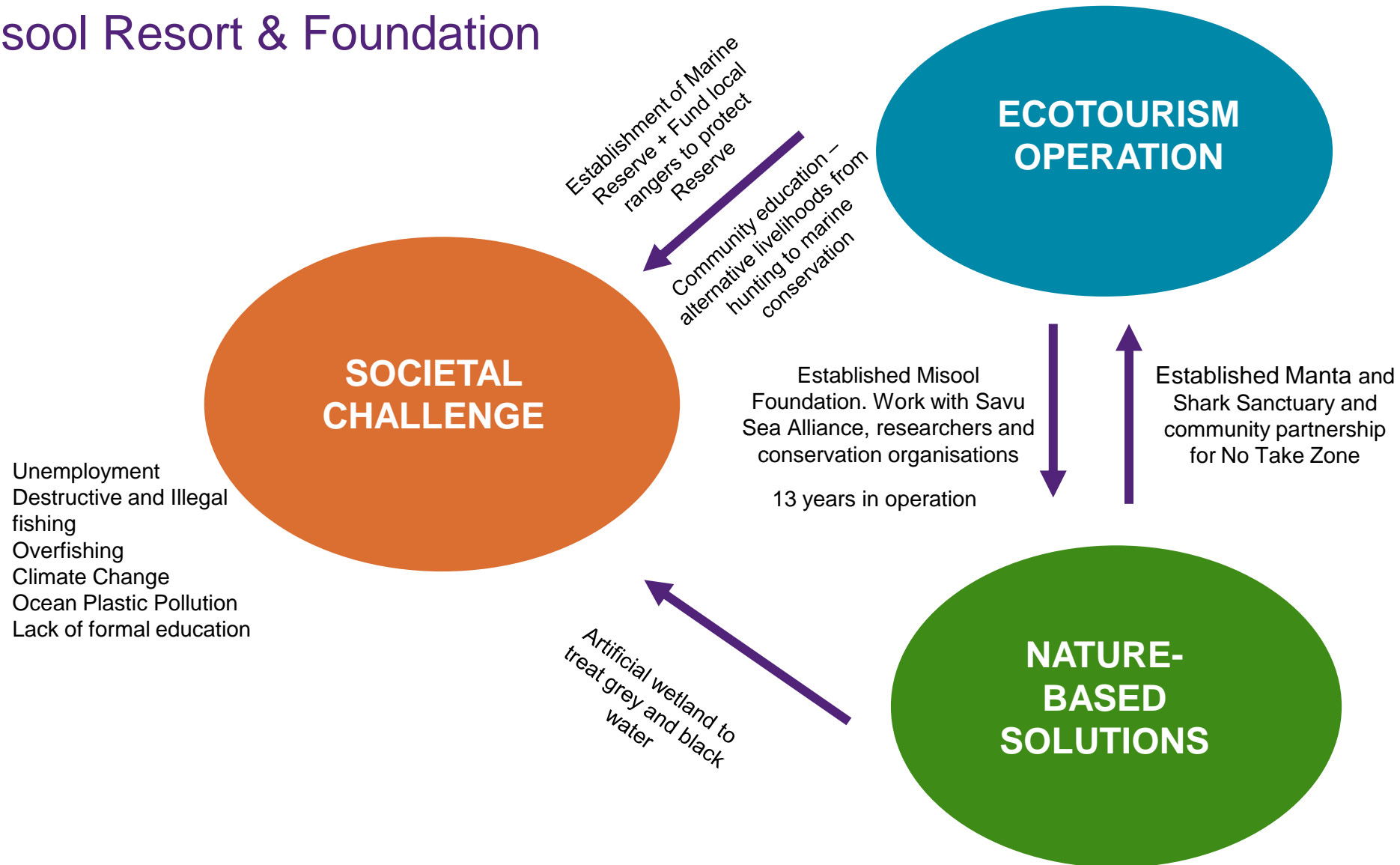


Misool Resort & Foundation





Misool Resort & Foundation

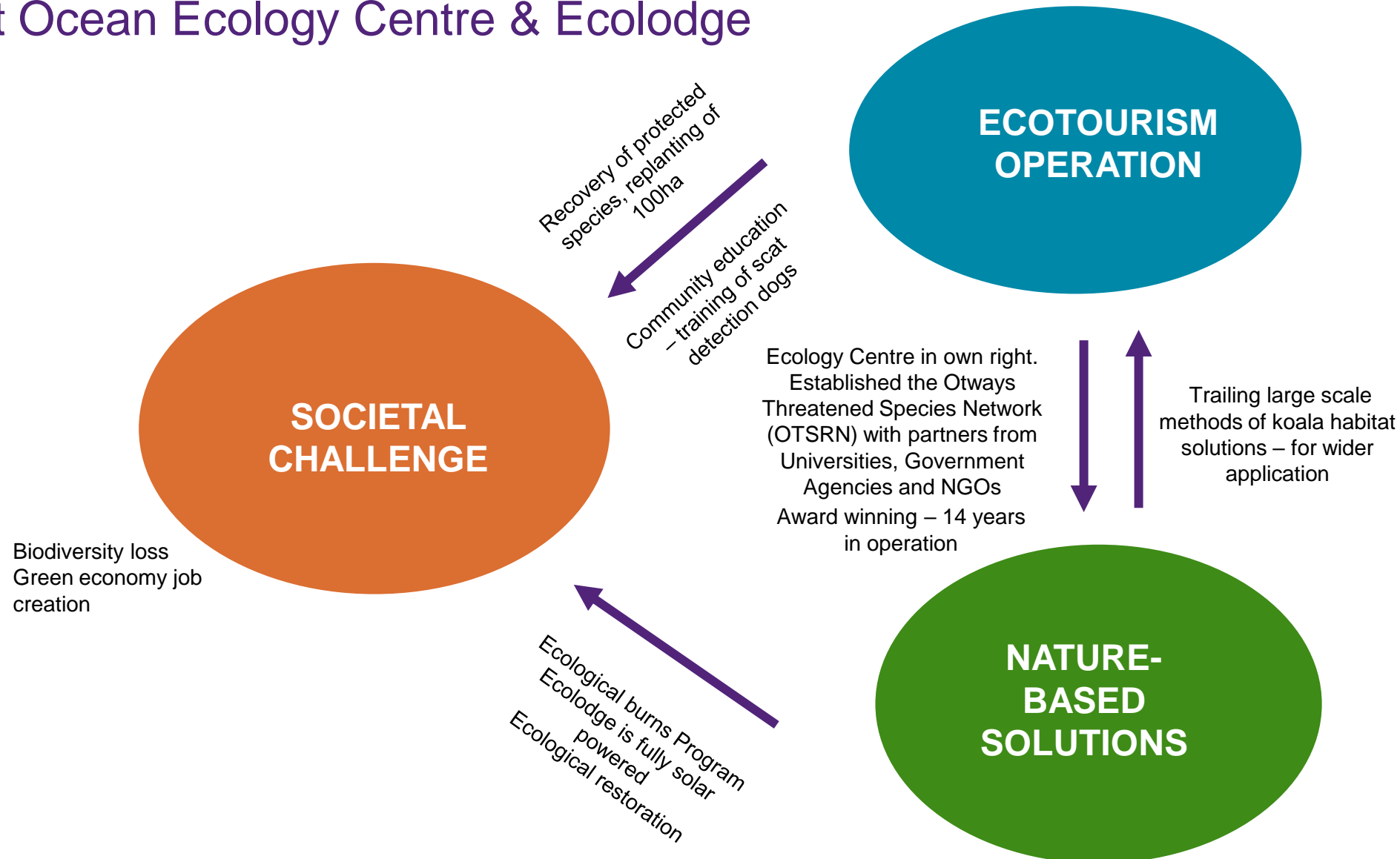


Great Ocean Ecology Centre & Ecolodge





Great Ocean Ecology Centre & Ecolodge

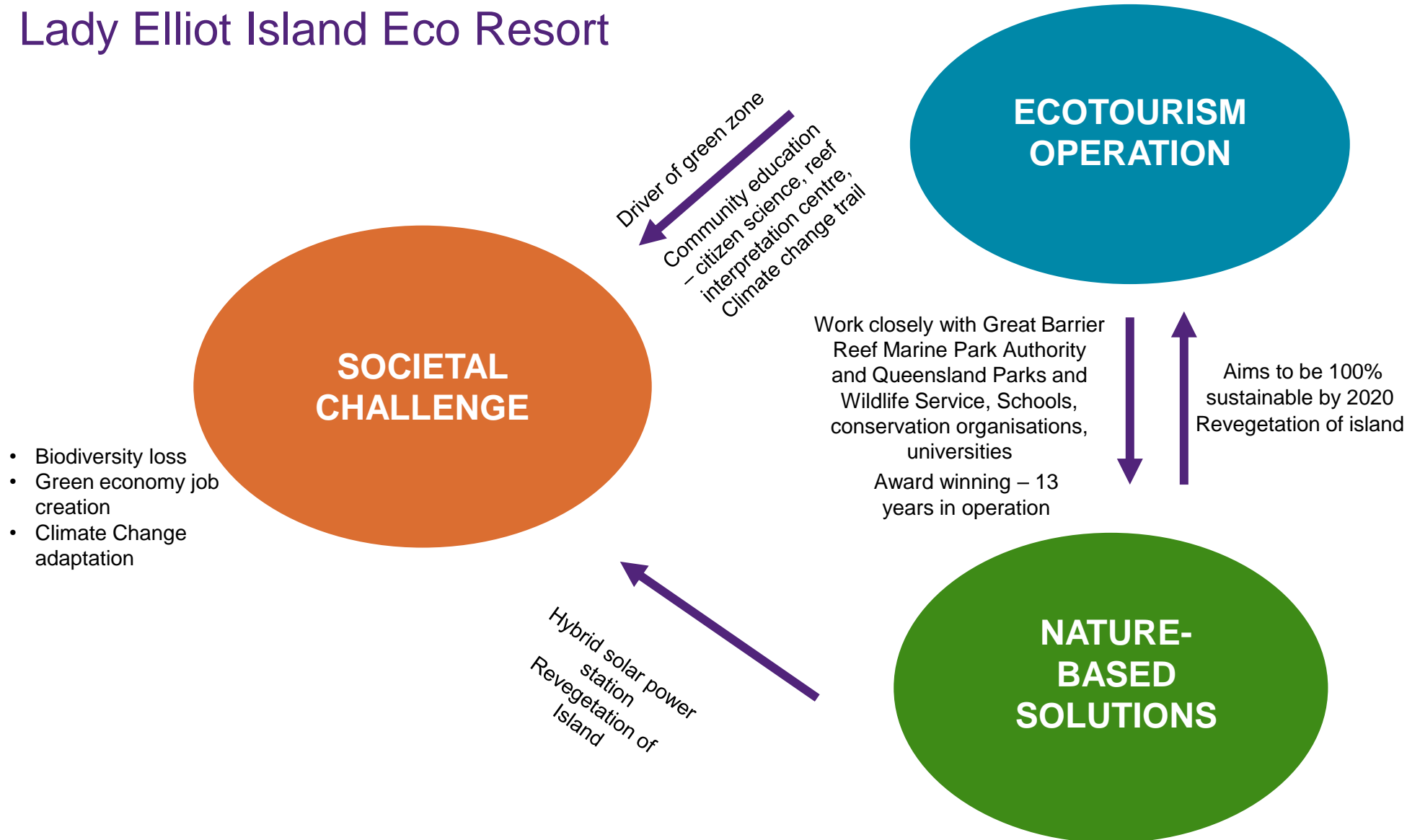


Lady Elliot Island Eco Resort





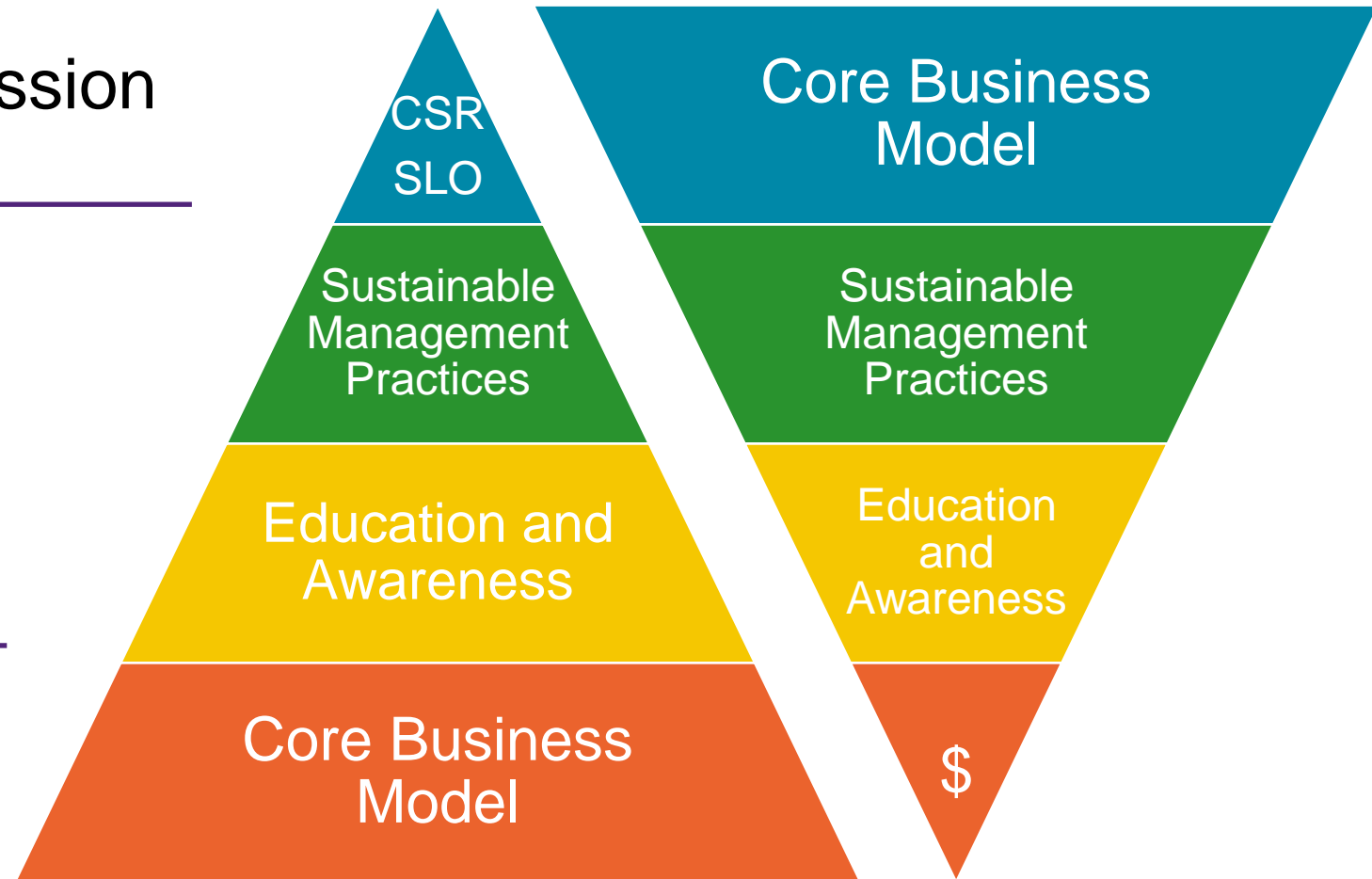
Lady Elliot Island Eco Resort



Legacy + Conservation + Passion

Educating visitors
& staff

Nature-based
tourism (\$)





Thank you

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