ISLANDS REPRESENT

5.3%
Of the Earth's landmass

UNEP-WCMC 2015

75%
Of bird, amphibian, mammal, and reptile extinctions

Tershy et al. 2015

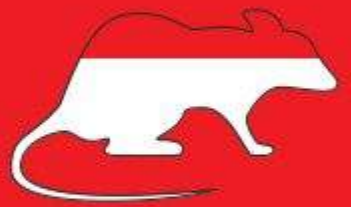
41%
Of all CR and EN terrestrial vertebrates

Spatz et al. 2017

19%
Of avian biodiversity

Tershy et al. 2015

INVASIVE ALIEN SPECIES



86%
Of recorded extinctions linked to invasives occurred on islands

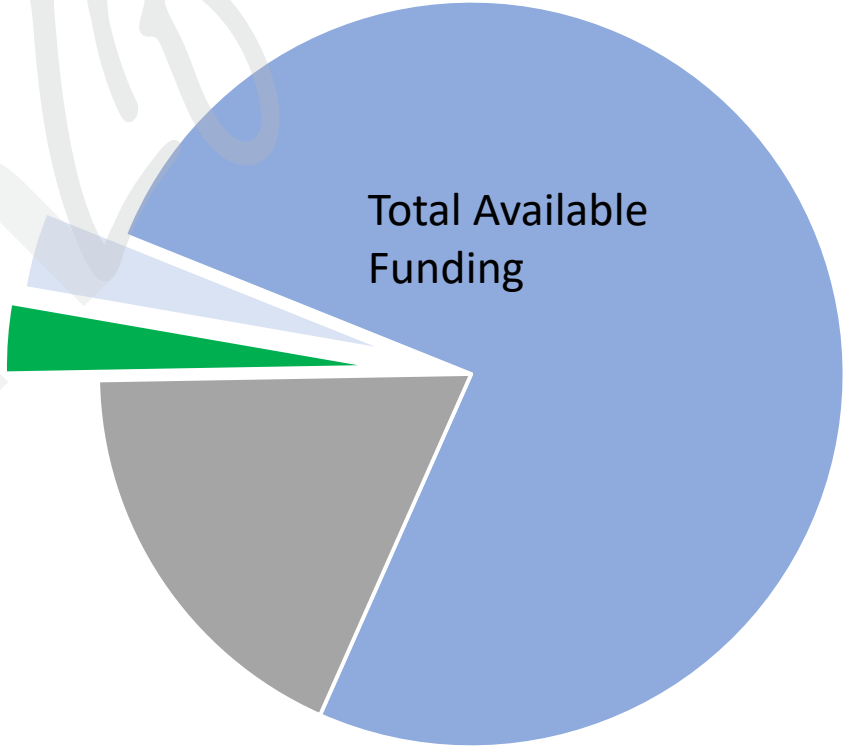
Bellard et al. 2015

© Island Conservation 2017

25%
Of all CBD Parties

11%
Of the world's people

UN 2030 Sustainable Development Goals



Marine-terrestrial linkage

Climate Resilience

Kaho`olawe

2 ZERO HUNGER

Hawadax (Rat) Island

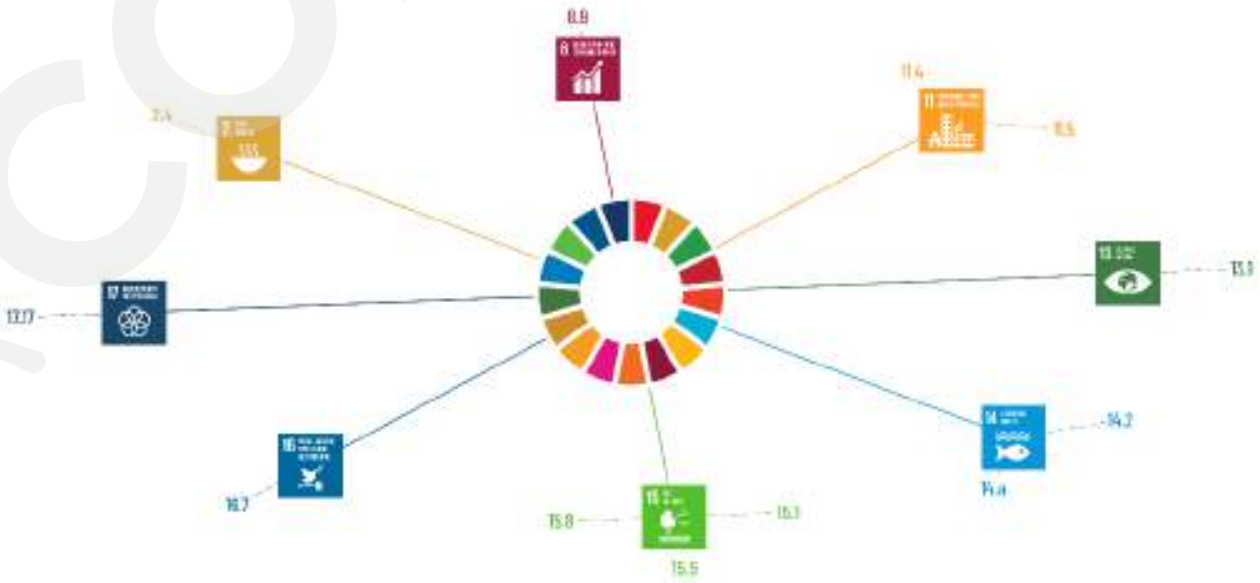
Beyond Biodiversity: Hawadax ~~Rat~~ Island

In 2012…the Unangan (Aleut) community championed and officially restored the island's original Unangan name:

Hawadax

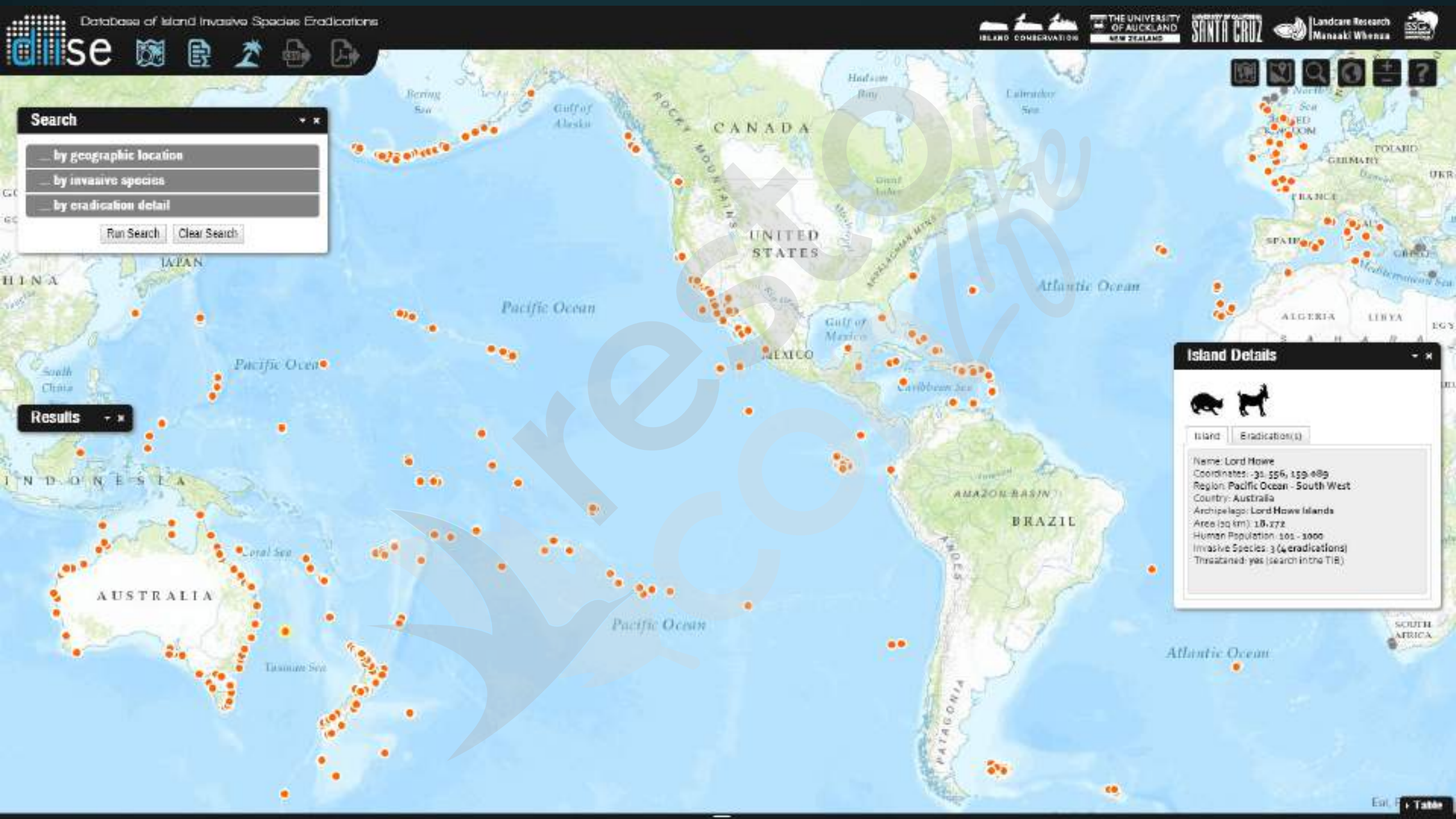
Community Driven

Floreana


8.9
11.4
8.6
15.1
14.2
14.a
15.5
15.8
15.3
16.7
12.7

Beyond Biodiversity: Opportunity

IAS eradication from islands can touch on up to 25% of the Global targets



Database of Island Invasive Species Eradications
dise
Search
by geographic location
by invasive species
by eradication detail
Run Search
Clear Search
Results
Island Details
Island
Eradication(s)
Name: Lord Howe
Coordinates: -31.556, 159.089
Region: Pacific Ocean - South West
Country: Australia
Archipelago: Lord Howe Islands
Area (sq km): 18.272
Human Population: 101 - 1000
Invasive Species: 3 (4 eradications)
Threatened: yes (search in the TIB)
CANADA
UNITED STATES
MEXICO
BRAZIL
AUSTRALIA
JAPAN
Pacific Ocean
Atlantic Ocean
Gulf of Mexico
Caribbean Sea
Coral Sea
Tasman Sea
Bering Sea
Gulf of Alaska
Hudson Bay
Labrador Sea
South China
Table

tib
threatened
island
biodiversity
database
About | News | Disclaimer | Terms of use | How to Help | Contact
Basic
Satellite
Topographic
Search
... by geographic location
... by threatened species
... by invasive species
Run Search
Clear Search
Results
Discover Map
Washington (Tesaina)
Island
Threatened
Invasive
Name: Washington (Tesaina)
Coordinates: -4.743, -160.404
Region: Pacific Ocean - North East
Country: Kiribati
Archipelago: Line Islands
Threatened Species: 3
Invasive Species: 4
Eradication(s): no
Human Population: 1001 - 10000
CANADA
UNITED STATES
CHINA
INDIA
AUSTRALIA
BRAZIL
ARGENTINA
NORTH PACIFIC OCEAN
SOUTH PACIFIC OCEAN
INDIAN OCEAN
NORTH ATLANTIC OCEAN
SOUTH ATLANTIC OCEAN
Tweet
donate now

We need to do more, faster, bigger, more efficiently

We all have a responsibility

Reach: **Only 0.3%** of all islands

Feasible: **~15%** – Threatened Sp. can be helped with current methods

We're **hitting the upper limits** of our tools and capacity in terms of Island

- ❑ Numbers
- ❑ Size
- ❑ Complexity

We need to view projects as vehicles to solve problems on islands but as contributors to global solutions.

Technical Innovations

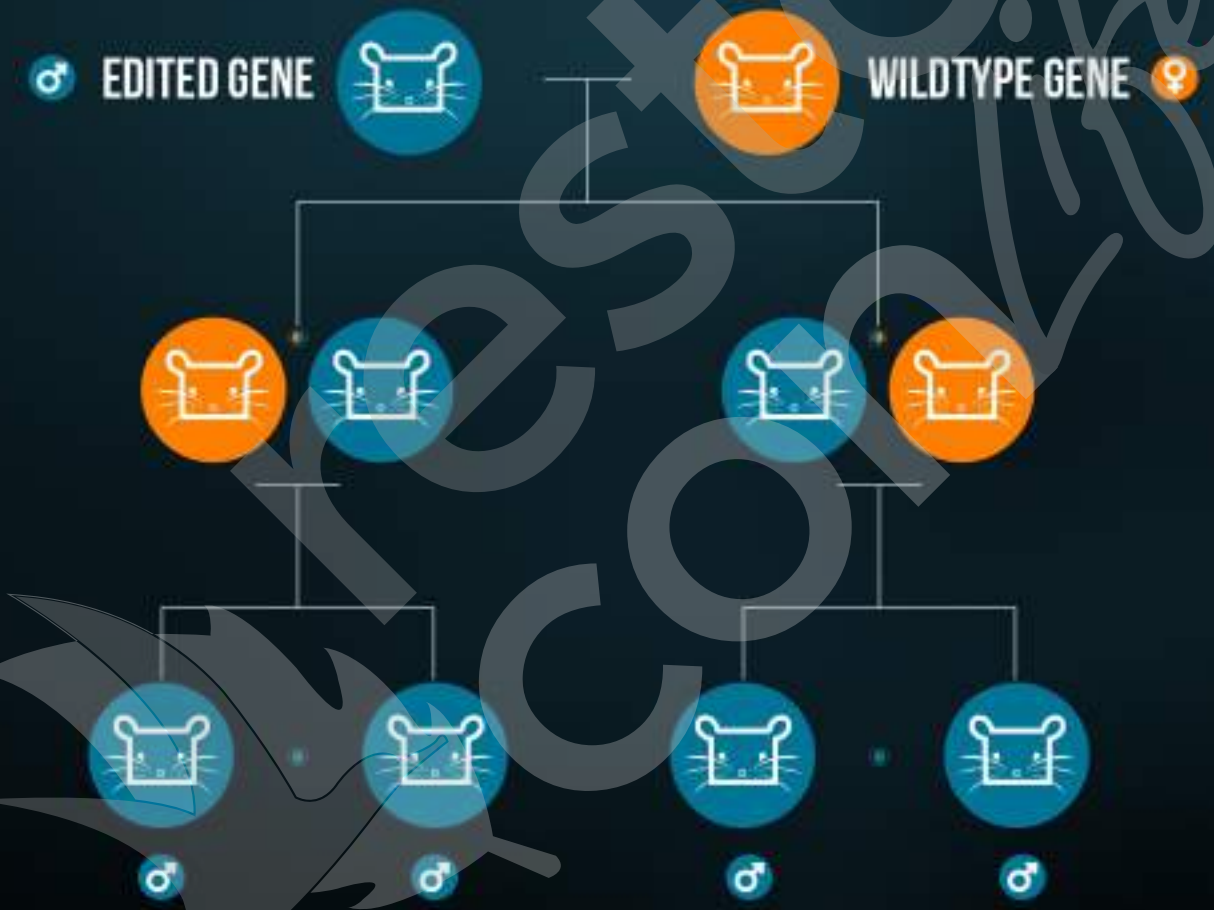
Contraception for Rodents

GBIRd

Genetic Biocontrol of Invasive Species program

MENDELIAN GENETICS ♀♂

GENE DRIVE GENETICS



Existing and New Partnerships to Influence

Global Policy
Funding
Implementation

SPREP
Secretariat of the Pacific Regional Environment Programme

ISLAND CONSERVATION
Preventing Extinctions

pim INITIATIVE
INTERNATIONAL NGO FOR MEDITERRANEAN SMALL ISLANDS

BirdLife INTERNATIONAL

rspb giving nature a home

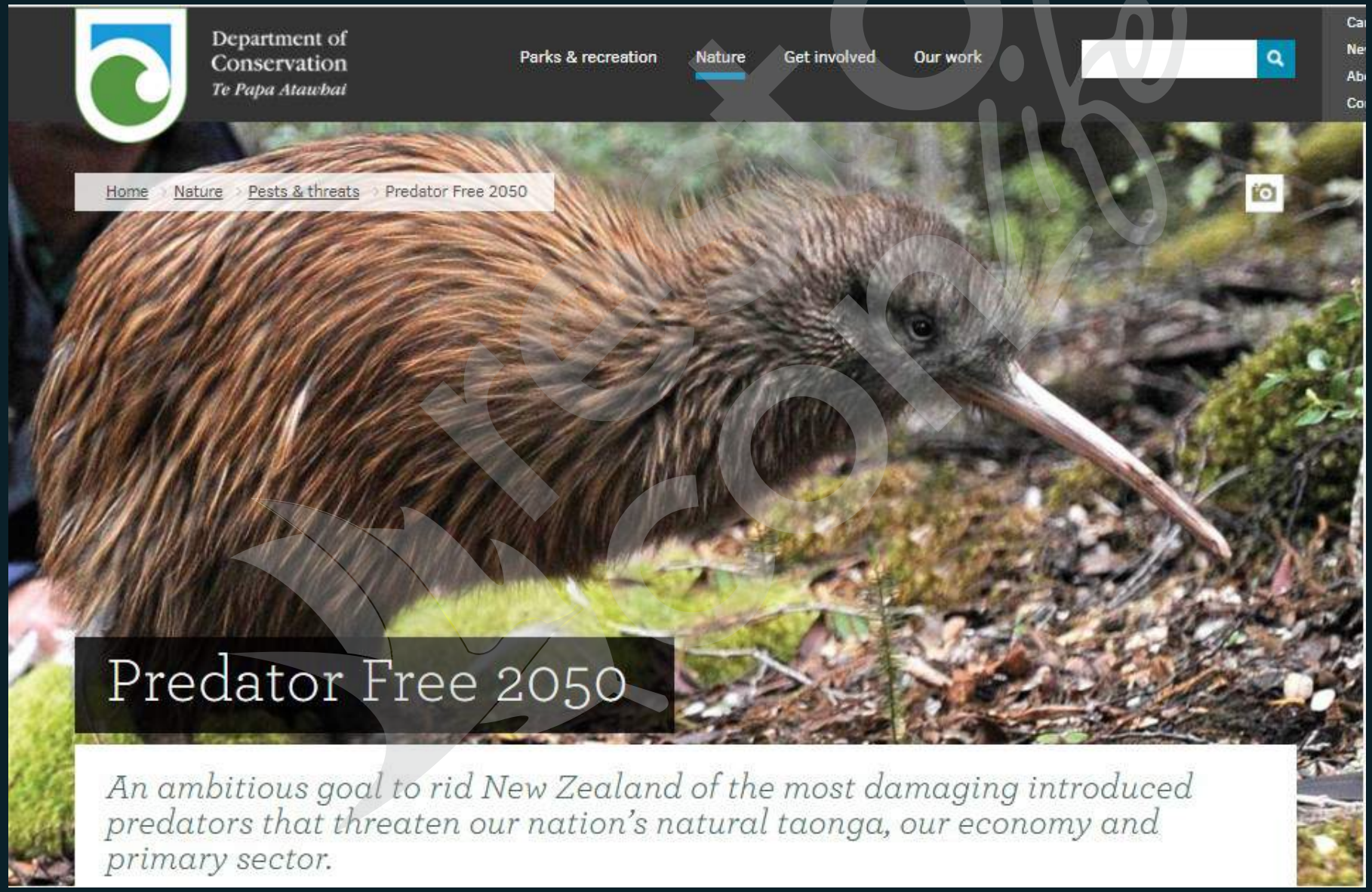
Initiative Trilatérale des Îles | Trilateral Island Initiative | Iniciativa Trilateral de las Islas

Renegotiation of Programs and Targets

Program of Work on Island Biodiversity

Opportunity to Influence Discussions

A Vision for 2050


Department of Conservation
Te Papa Atawbai
Parks & recreation
Nature
Get involved
Our work
Home
Nature
Pests & threats
Predator Free 2050
Predator Free 2050
An ambitious goal to rid New Zealand of the most damaging introduced predators that threaten our nation's natural taonga, our economy and primary sector.

What if… Italy's Islands were Invasive Mammal Free by 2050? How do we get there?