

Australia

# NEW ZEALAND

488,327 km<sup>2</sup>

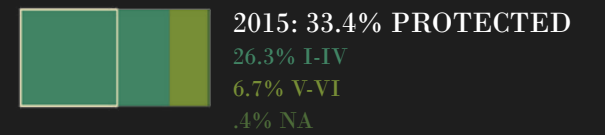
Auckland

New Zealand

Christchurch

## BIODIVERSITY TARGET

2020 TARGET: 17% protected

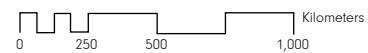


- New Zealand Hotspot
- Neighboring Hotspot
- Protected Area (IUCN Category I-IV)
- Protected Area (IUCN Category V-VI)
- Protected Area (IUCN Category NA)
- Urban Area
- Agriculture (0-100% landuse)
- Roads
- Railroads

0 250 500 1,000 Kilometers

# NEW ZEALAND ECOREGIONS

Shortfall Assessment to reach Target of 17% protected land in each terrestrial ecoregion



Norfolk Island (Australia), New Zealand

## 4 BIOMES

Montane Grasslands & Shrublands

Temperate Broadleaf & Mixed Forests

Temperate Grasslands, Savannas & Shrublands

Tundra

## 10 ECOREGIONS

ENDEMIC PLANT SPECIES

1,865

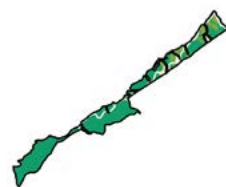
ENDEMIC ANIMAL SPECIES

155

### 1. Westland Temperate Forests

■ 1,472 km<sup>2</sup> remnant habitat

Target reached



### 2. South Island Temperate Forests

■ 4,216 km<sup>2</sup> remnant habitat

Target reached



### 3. Richmond Temperate Forests

■ 13,780 km<sup>2</sup> remnant habitat

Target reached



### 4. Northland Temperate Kauri Forests

■ 15,914 km<sup>2</sup> remnant habitat

To reach Aichi Target of 17%

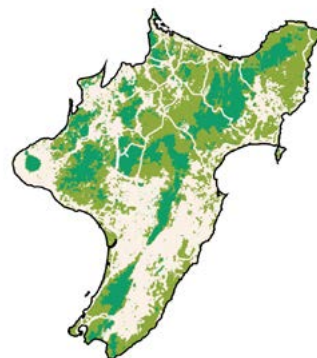
■ +1,112 km<sup>2</sup> protected areas



### 5. North Island Temperate Forests

■ 60,068 km<sup>2</sup> remnant habitat

Target reached



### 6. Raikura Island Temperate Forests

■ 224 km<sup>2</sup> remnant habitat

Target reached



### 7. Nelson Coast Temperate Forests

■ 12,854 km<sup>2</sup> remnant habitat

Target reached



### 8. Fiordland Temperate Forests

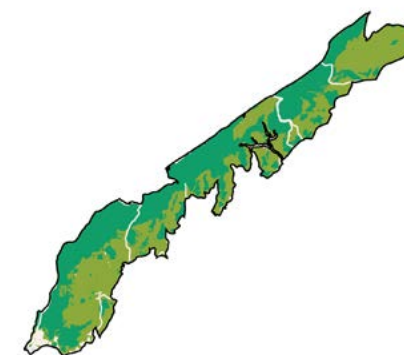
Target reached



### 9. South Island Montane Grasslands

■ 37,223 km<sup>2</sup> remnant habitat

Target reached

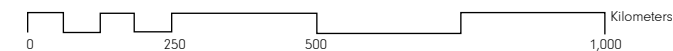
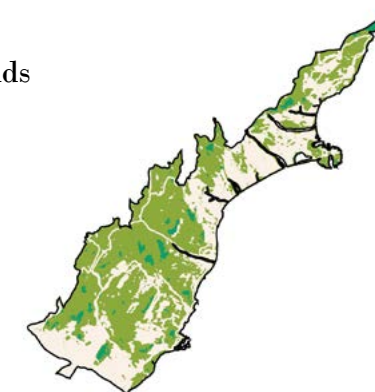


### 10. Canterbury-Otago Tussock Grasslands

■ 59,963 km<sup>2</sup> remnant habitat

To reach Aichi Target of 17%

■ +8,467 km<sup>2</sup> protected areas



# NEW ZEALAND | CONFLICTS

Conflicts between 2030 projected urban growth areas and threatened species habitats



- Topography
- Water Body
- Remnant Vegetation
- Protected Area
- Threatened Species Habitat
- Existing Urban Area
- Urban Growth Projection
- Conflict Zone
- Extreme Conflict Zone



# 1,696,000 Population

2015 URBAN POPULATION

1,971,000  
2030 URBAN POPULATION

11  
THREATENED MAMMAL SPECIES

MAJOR CROPS  
beets, barley, wheat, protatoes

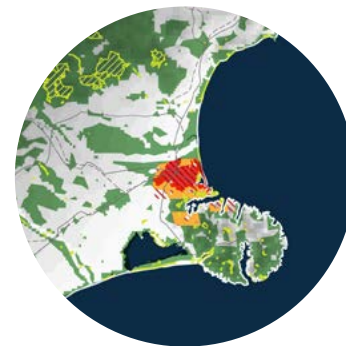
BIODIVERSITY THREATS  
Agricultural Expansion  
Urban Development  
Climate Change



## 1. AUCKLAND, NEW ZEALAND

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
1,344,000	1,574,000



## 2. CHRISTCHURCH, NEW ZEALAND

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
351,000	398,000

-  Topography
-  Water Body
-  Remnant Vegetation
-  Protected Area
-  Threatened Species Habitat
-  Existing Urban Area
-  Urban Growth Projection
-  Conflict Zone
-  Extreme Conflict Zone