

Practical Land Retirement

Chris Brennan

M O X I
Farm Forests





It Starts with Water.

M O X I
Farm Forests

A photograph of two men standing on a grassy hill overlooking the ocean. The man on the left is wearing a dark blue sweater and has grey hair. The man on the right is wearing a brown sweater, a black beanie with a red stripe, and khaki pants. He is pointing towards the ocean. The sky is blue with some clouds. The text 'Farmers can be New Zealand's Environmental Heroes' is overlaid on the image.

**Farmers can be
New Zealand's
Environmental Heroes**

—

**In our emotional brain
we all want to plant
natives,**

—

**In our emotional brain
we all want to plant
natives,
but the logical brain
needs convincing.**

—

**In our emotional brain
we all want to plant
natives,
but the logical brain
needs convincing.
... as does the bank**

The
**Practical Land
Retirement**
method.



Three parts to retiring land profitably

Three parts to retiring land profitably

1. Low Cost Establishment

Three parts to retiring land profitably

1. Low-cost establishment
 2. Leveraging available funding
-

Three parts to retiring land profitably

1. Low cost establishment
 2. Leveraging available funding
 3. Generating a return
-

An aerial photograph of a coastline, likely New Zealand, showing a large body of water in the foreground and a dark, forested landmass in the background. The text is overlaid on the image.

The NZ Emissions Trading Scheme

An aerial photograph of a coastline, showing a dark landmass and a lighter sea. The image is dimmed to allow for white text overlay. A small white horizontal line is visible in the top left corner.

The NZ Emissions Trading Scheme


1ha minimum area

An aerial photograph of a coastline, showing a dark landmass and a lighter sea. The image is dimmed to serve as a background for text. A small horizontal line is visible in the top left corner.

The NZ Emissions Trading Scheme

1ha minimum area

30m minimum average width




The NZ Emissions Trading Scheme

1ha minimum area

30m minimum average width

30% minimum canopy cover



The NZ Emissions Trading Scheme

1ha minimum area

30m minimum average width

30% minimum canopy cover

Species that can reach 5m in height

Average Gross Carbon Return (first 25 years)

- Native \$430 per hectare

Based on NZU price of \$50

Average Gross Carbon Return (first 25 years)

- Native \$430 per hectare
- Hardwood \$1,236 per hectare

Based on NZU price of \$50

Average Gross Carbon Return (first 25 years)

- Native \$430 per hectare
- Hardwood \$1,236 per hectare
- Pine \$1,244 per hectare

Based on NZU price of \$50

— STREAM



— STREAM
□ MARGINAL AREA



- STREAM
- ▭ MARGINAL AREA
- ▭ 25 YEAR PINE



- STREAM
- MARGINAL AREA
- 25 YEAR PINE
- 10 YEAR NATIVE



- STREAM
- MARGINAL AREA
- 25 YEAR PINE
- 10 YEAR NATIVE
- INELIGIBLE NATIVE




 NATIVE PLANTING




 PINE – 7.5HA



 PINE – 7.5HA




 NATIVE PLANTING






 PINE – 7.5HA

 NATIVE – 7.3HA



-  PINE – 7.5HA
-  NATIVE – 7.3HA
-  NATIVE/HARDWOOD

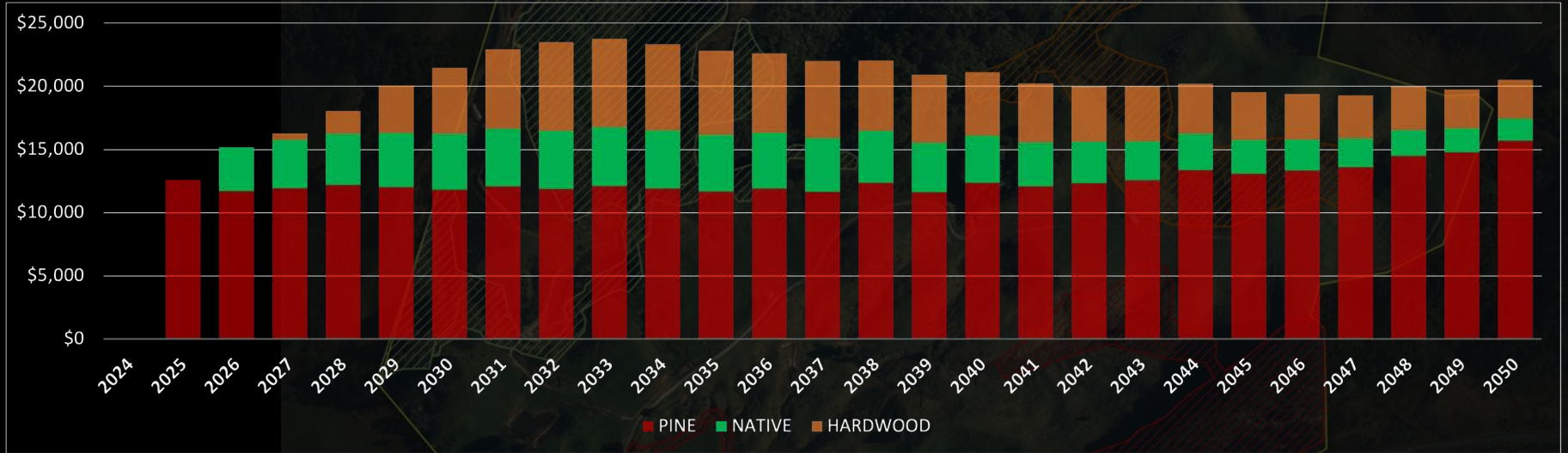


-  PINE – 7.5HA
-  NATIVE – 7.3HA
-  HARDWOOD – 3.6HA



Gross Carbon Return

- PINE – 7.5HA
- NATIVE – 7.3HA
- HARDWOOD – 3.6HA



Start small.

Reforestation is not an
event,
it's a process.

