



HAWKE'S BAY

REGIONAL COUNCIL



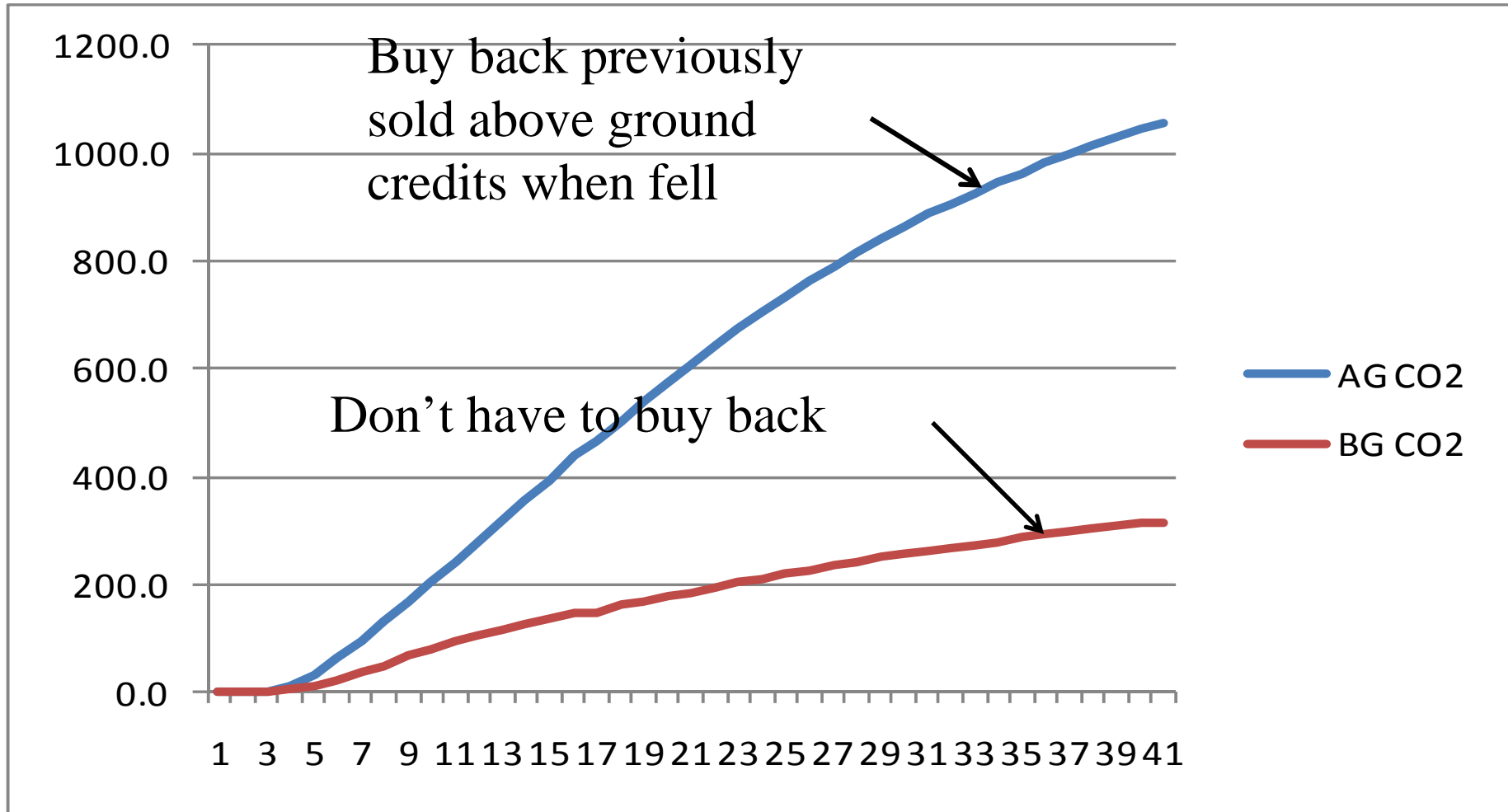
Carbon, Forests & Land

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Hawke's Bay Regional Council

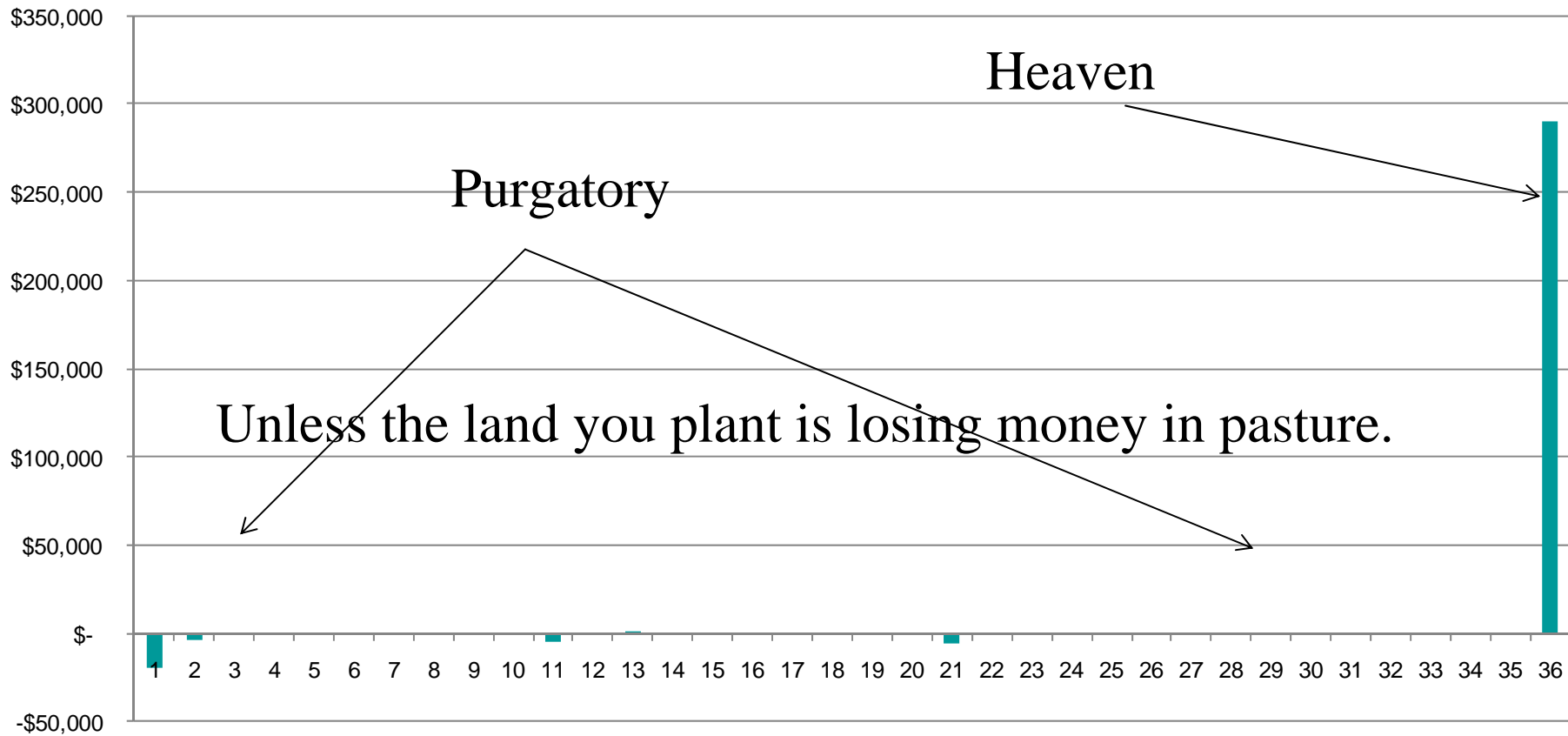
Carbon & Forestry

- **Trading CO₂ Equivalents from trees**
 - Carbon accumulated since 1 Jan 2008
- **Below ground carbon (roots, litter etc.)**
- **Above grounds carbon (buy back at felling)**
- **Forest Cashflows**
- **How it could fit into the farm land system**

Two Types of Carbon Above Ground/Below Ground

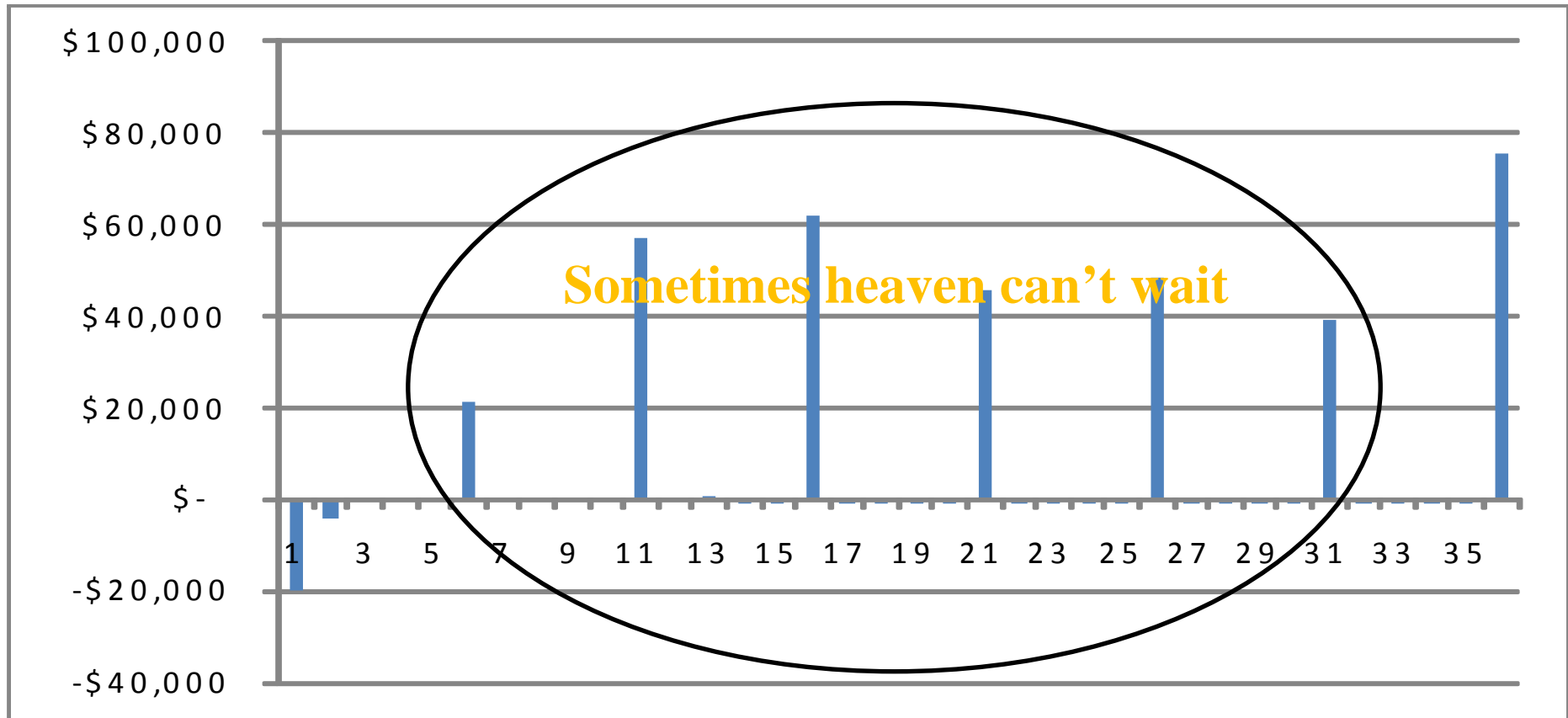


Carbon Forestry – Just Timber Cashflows Ten Hectares - Eucalypt



Rate of Return 6 – 8% over inflation (no land)

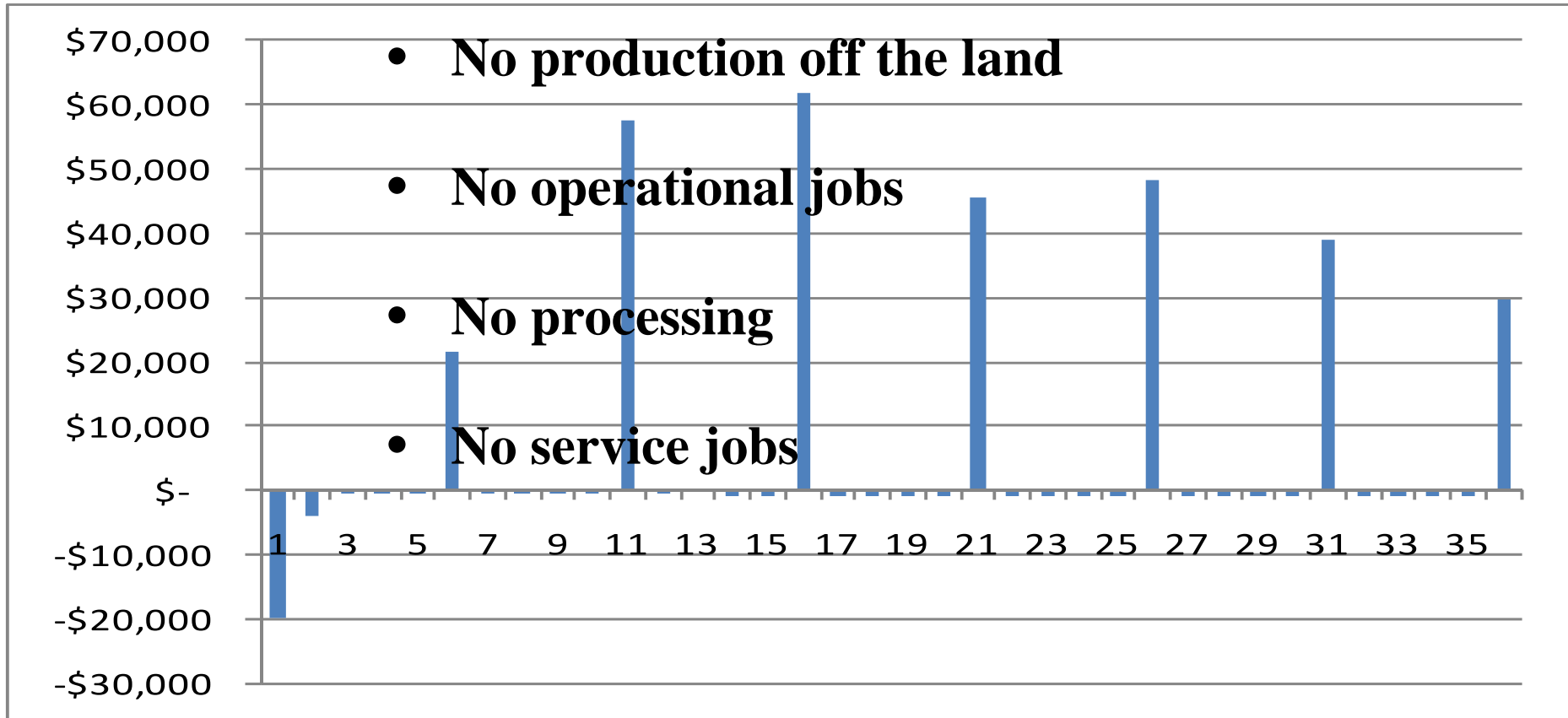
Carbon Forestry – Carbon plus Timber Cashflows Ten Hectares - Eucalypt



Rate of Return 12 – 16% over inflation (no land)

Carbon Forestry – Just Carbon Cashflows

Ten Hectares - Eucalypt



Rate of Return 12 – 18% over inflation (no land)

- **Carbon is in the Landscape**
- **It doesn't have to be either a 1000 acre block of radiata or a 1000 acre block of ryegrass**
- **Good placement can give many other values besides carbon – including better farm profit and reduced risks**



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- **Soil conservation & function**
- **Water function – hold it, clean it, use it**
- **Shelter**
- **Shade**
- **Stock production, Grass production**
- **Land development by culling the poorer land**
- **Rationalising where you put your money for best return**
- **Cashflow ‘option’ – business portfolio**
- **Aesthetics**
- **Biodiversity**

