

### Webinar: Understanding the Profit Potential of Regenerative Agriculture: What's Holding Us Back? 7 November 2024



# Transition Pathways Briefs

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#### Regen10 – Landscape Transition Pathways - Overview

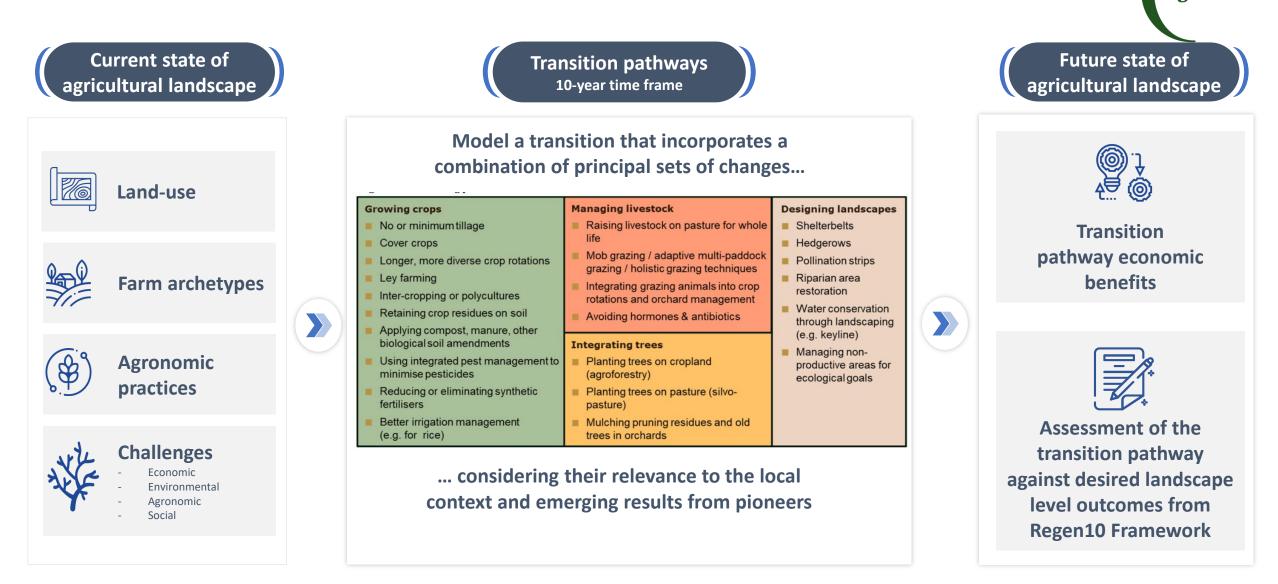
- Regen10 has developed landscape-level transition pathways across five significant agricultural regions.
- A transition pathway represents a switch from the conventional agricultural practices common in the landscape to regenerative ones, that helps restore and rebuild natural systems.
- A key element of this process is understanding the economics of transitioning to regenerative agricultural practices.
- Regen10 recognizes that there is more than one way to create a regenerative food system. The proposed approaches are not prescriptive, and practices were selected after careful contextual analysis of their relevance and evidence of their intended outcomes.

#### Selected Landscapes

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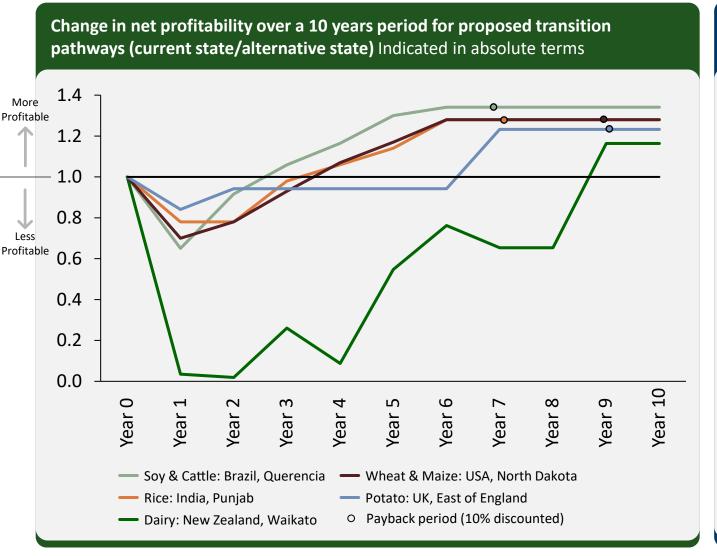


#### General approach to transition pathway development



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## Transitions at a glance – impacts on landscape agricultural profitability



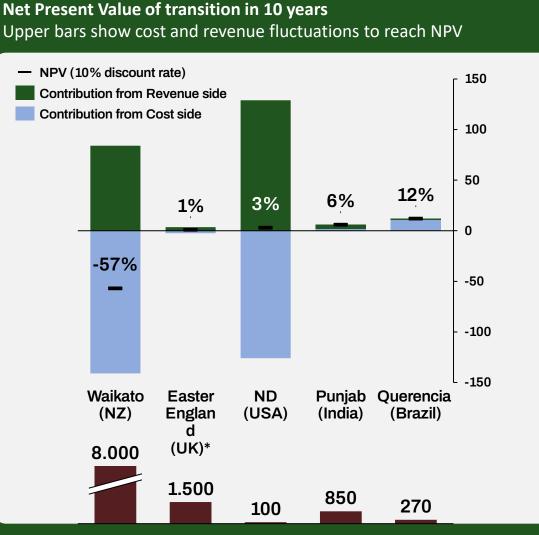
Key Takeaways

- All transitions eventually show a profit relative to conventional practices, but it takes up to ten years.
- The discounted payback period usually happens between years 6 and 9, except for Waikato.
- The transitions pathways will require an upfront expenditure, which causes an initial drop in profitability due to expenses needed for the transition such as cover crops, seeding techniques, new machinery, tree planting and other practices.
- Generally increasing diversification and reducing input costs in healthier soils appears to be the most viable economic components of transitions.

Source: Systemiq analysis.

Note: Regenerative Agriculture seeks varied landscape states departing from typical practices, balancing informed choices over a decade for feasible, beneficial shifts, avoiding extremes.

### Transitions at a glance – impacts on landscape agricultural profitability



**Profit forgone per hectare before breakeven**<sup>1</sup> **(USD/ha)** Lower bars indicate cumulative profit loss during transition<sup>2</sup>  Some landscape actors will need external longer-term support to make the transitions financially viable, given the modest NPV and profitability risks.

**Key Takeaways** 

- Alternative revenue streams (carbon, PES), green premiums, or increases in land value, not included in the analysis, can further enhance economic attractiveness for farmers.
- Transition NPV and costs (profit forgone by farmers) vary significantly by landscape, emphasizing need for tailored investment strategies and targeted support.

Source: Systemiq analysis.

Note: <sup>1</sup>When future profits match current levels <sup>2</sup>Aggregated value, varies by farm portfolio.



# Thank you.

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