



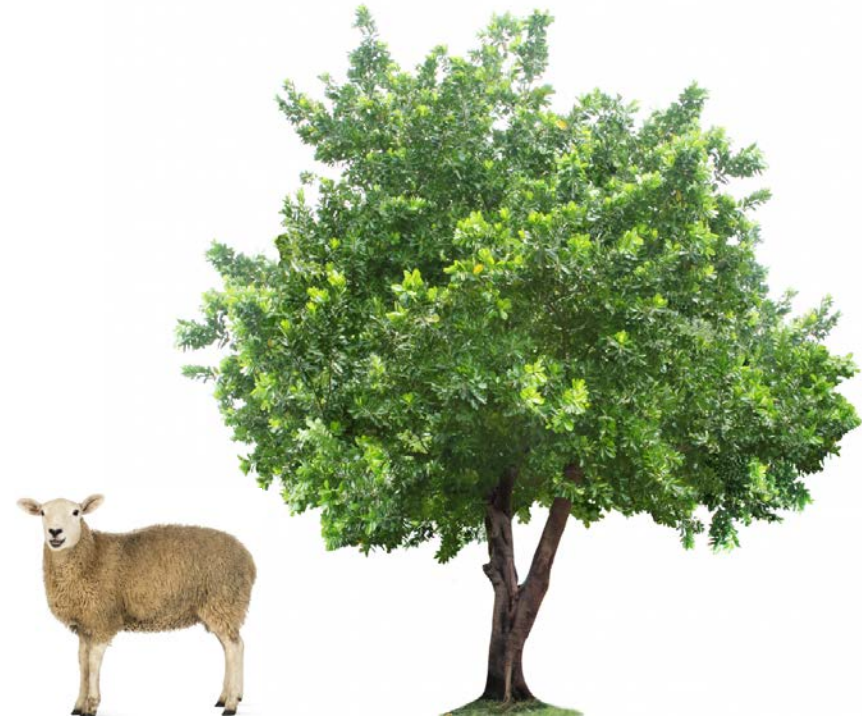
Can we use natural capital accounting to build a business case for agroforestry?

Zara Marais (UTas)

Mark Hunt (UTas)

Tom Baker (UTas)

Anthony O'Grady (CSIRO)

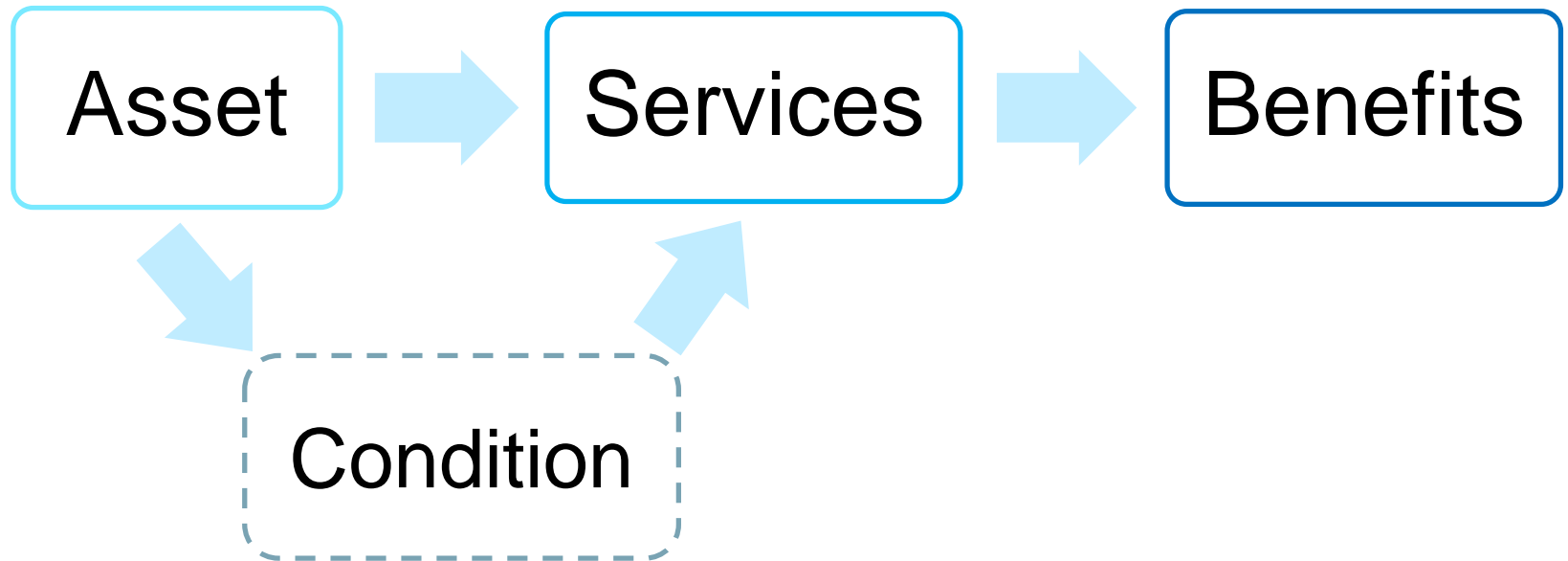


Using a natural capital accounting framework to build a business case for agroforestry

A land-use system where woody perennials are integrated with agricultural crops and/or animals in the same land management unit, in a spatial arrangement or temporal sequence.



Using a natural capital accounting framework to build a business case for agroforestry



Natural Capital Accounting

Application to Agroforestry

Asset

Condition

Extent

Configuration

Composition



Natural Capital Accounting

Application to Agroforestry

Services

Forest products
Microclimate
Nutrient cycling
Water flow regulation
Amenity
Carbon sequestration
Pollination
Pest control
Pests



Natural Capital Accounting

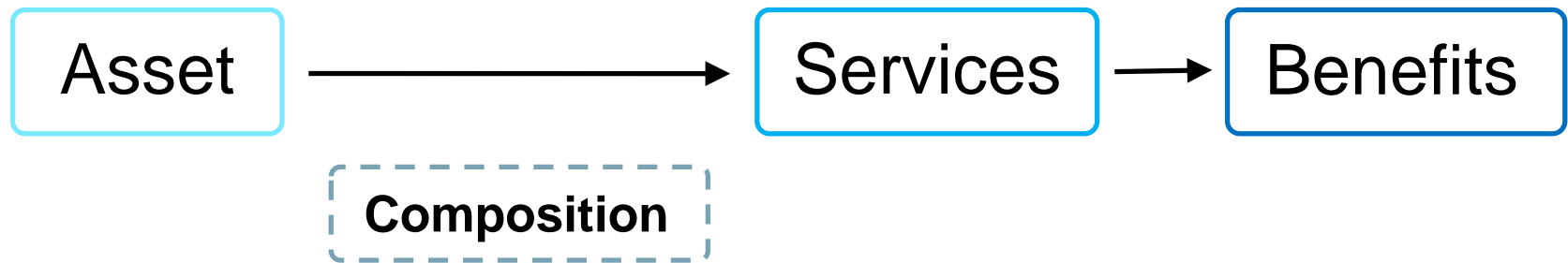
Application to Agroforestry

Benefits

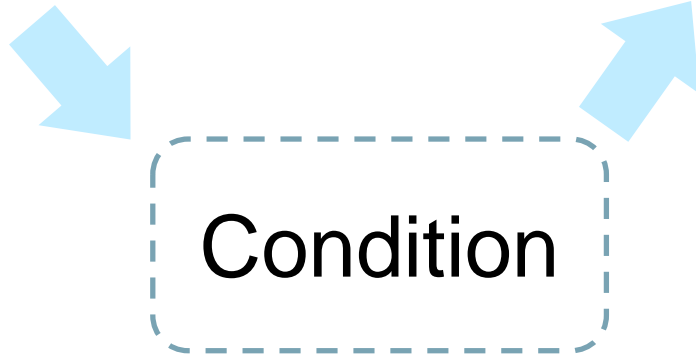


- Improved overall yield
- Product diversification
- Increased property value
- Resilience to disturbance
- Access to high-value markets
- Payment for environmental services
- Regulatory compliance
- Improved well-being

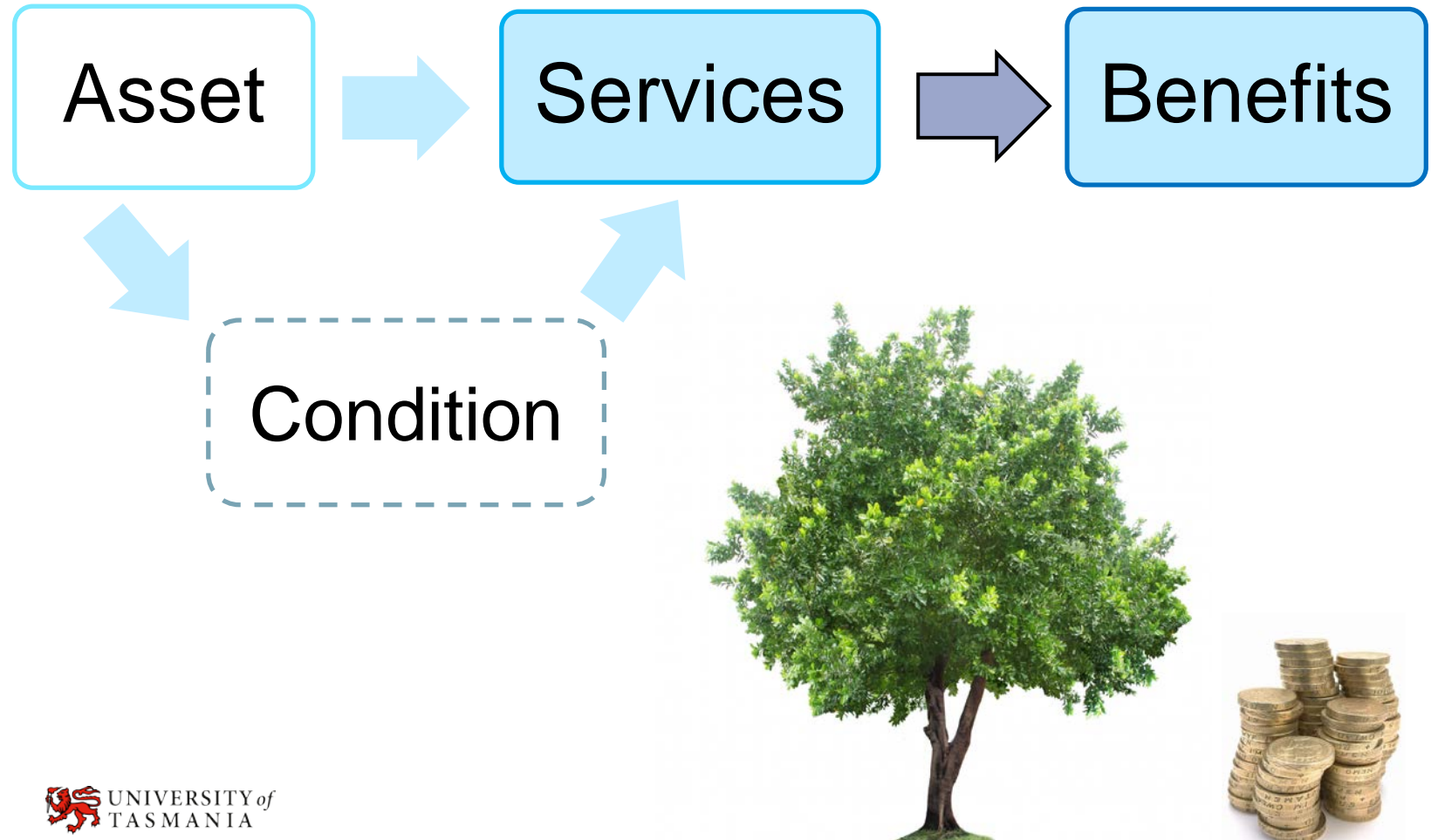
Can we usefully apply a natural capital accounting framework to value agroforestry?



Measuring ecosystem services at the farm scale



Valuing ecosystem services at the farm scale



Can we use natural capital accounting to build a business case for agroforestry?

- Purpose
- Data
- Tools
- Communication



Thank you

zara.marais@utas.edu.au

