

Esstence

From **Biological Circularity** to Measurable Value

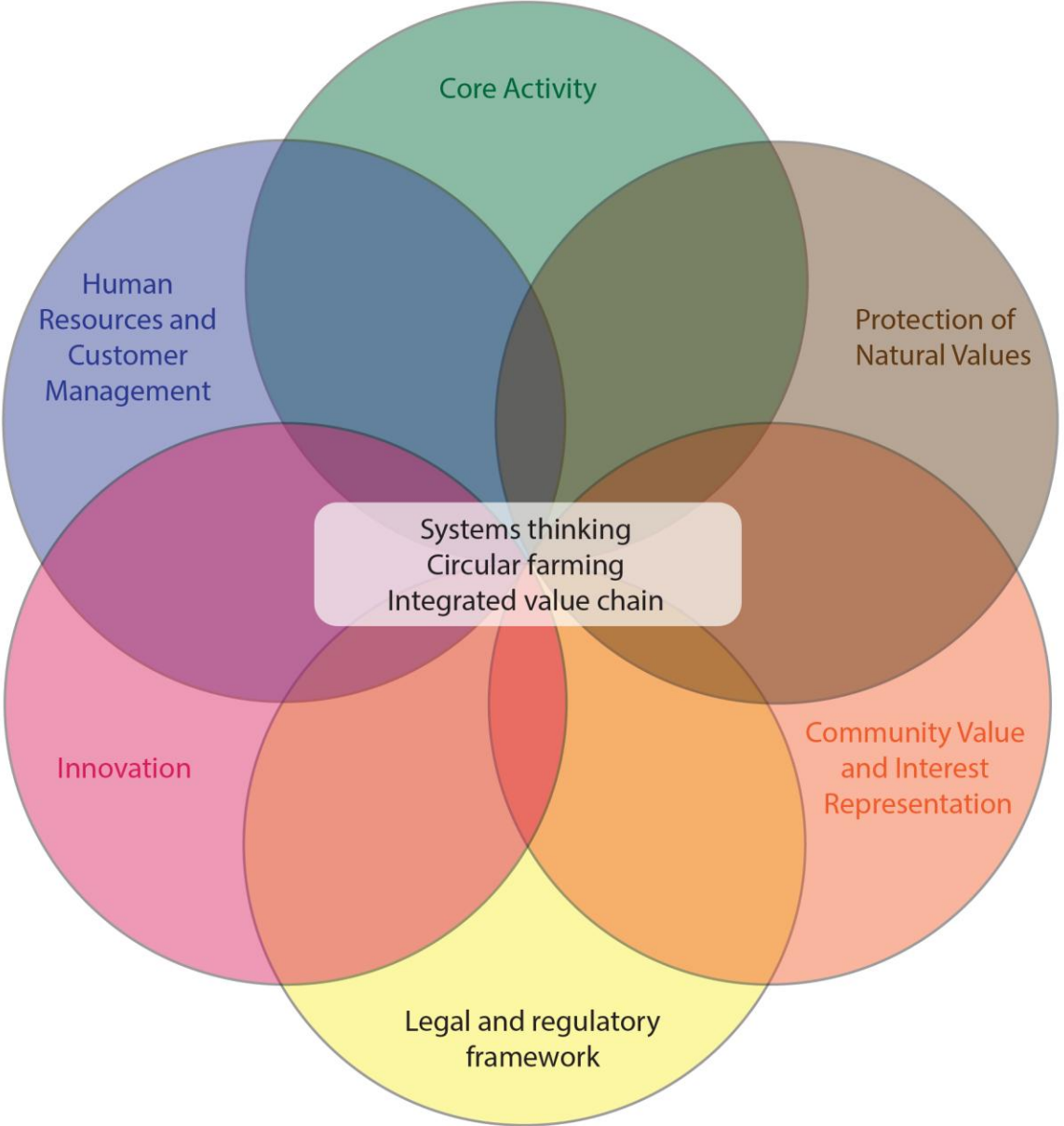
Esstence's mission is to connect the entire production system—from soil to food—within a unified biological cycle, returning manure and sewage sludge as valuable resources to create a healthier production environment, more efficient farming, lower costs and environmental impacts, and measurably higher-quality food.



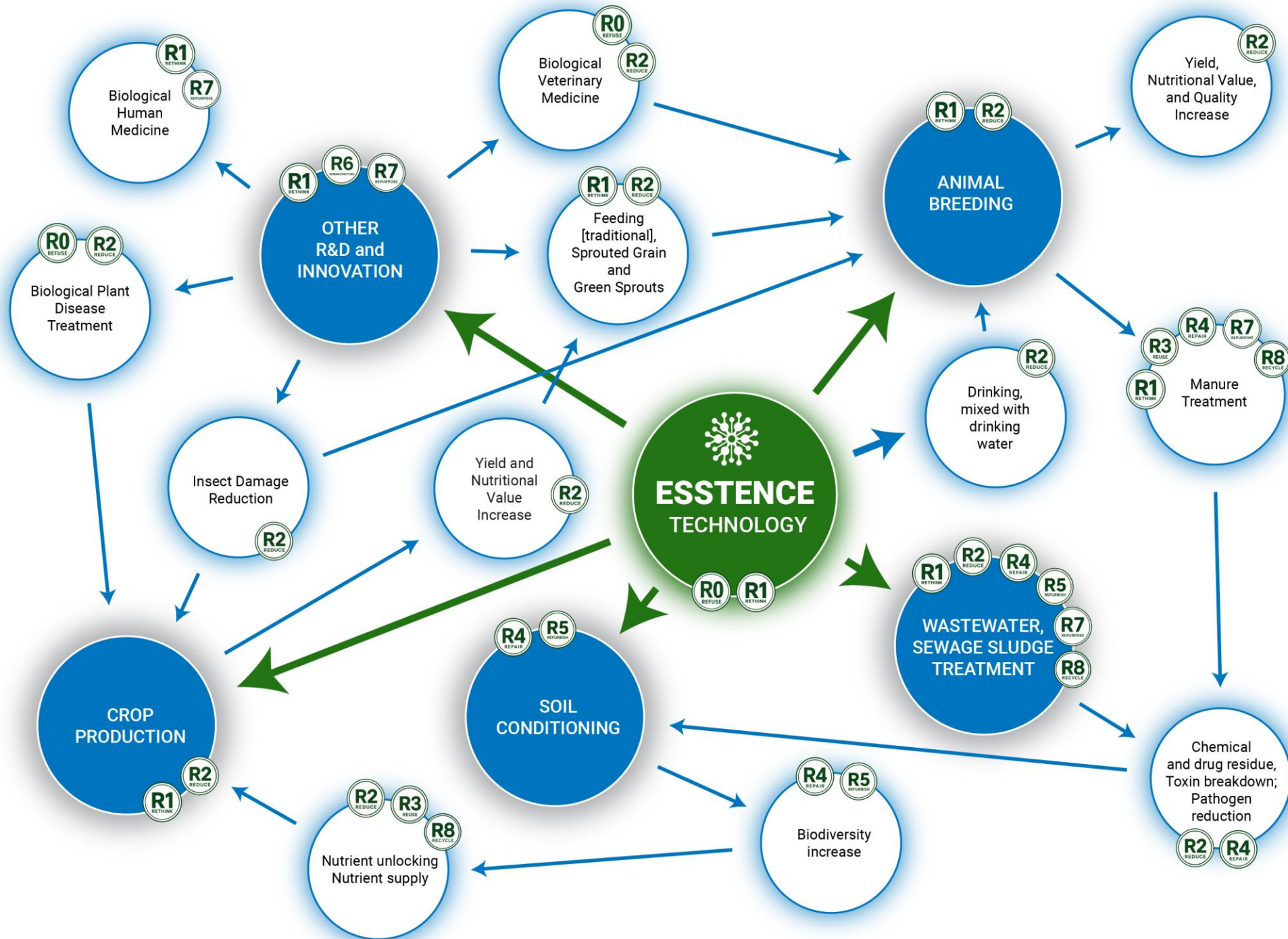
STE.TECH

Ecosystem Service Provider

- Input reduction
- Cost reduction
- Risk reduction
- Biological quality
- Food safety
- Technological simplicity
- Automation potential
- Adaptive agriculture
- Measurable value
- Traceability
- Exceeding standards



- Improved utilization
- Higher yield
- Biological balance
- Nature-based solutions
- Soil regeneration
- Resource efficiency
- Biodiversity enhancement
- Environmental impact reduction
- Regenerative renewal
- By-product utilization
- Local circularity



Esstence

From Biological Circularity to **Measurable Value**

Project-specific GHG accounting based on Tier 2 and Tier 3 methodological approaches quantifies and verifies the emission reductions achieved through Esstence within the 10R framework, establishing a methodological basis for the MRV-based validation and potential crediting of these results.

