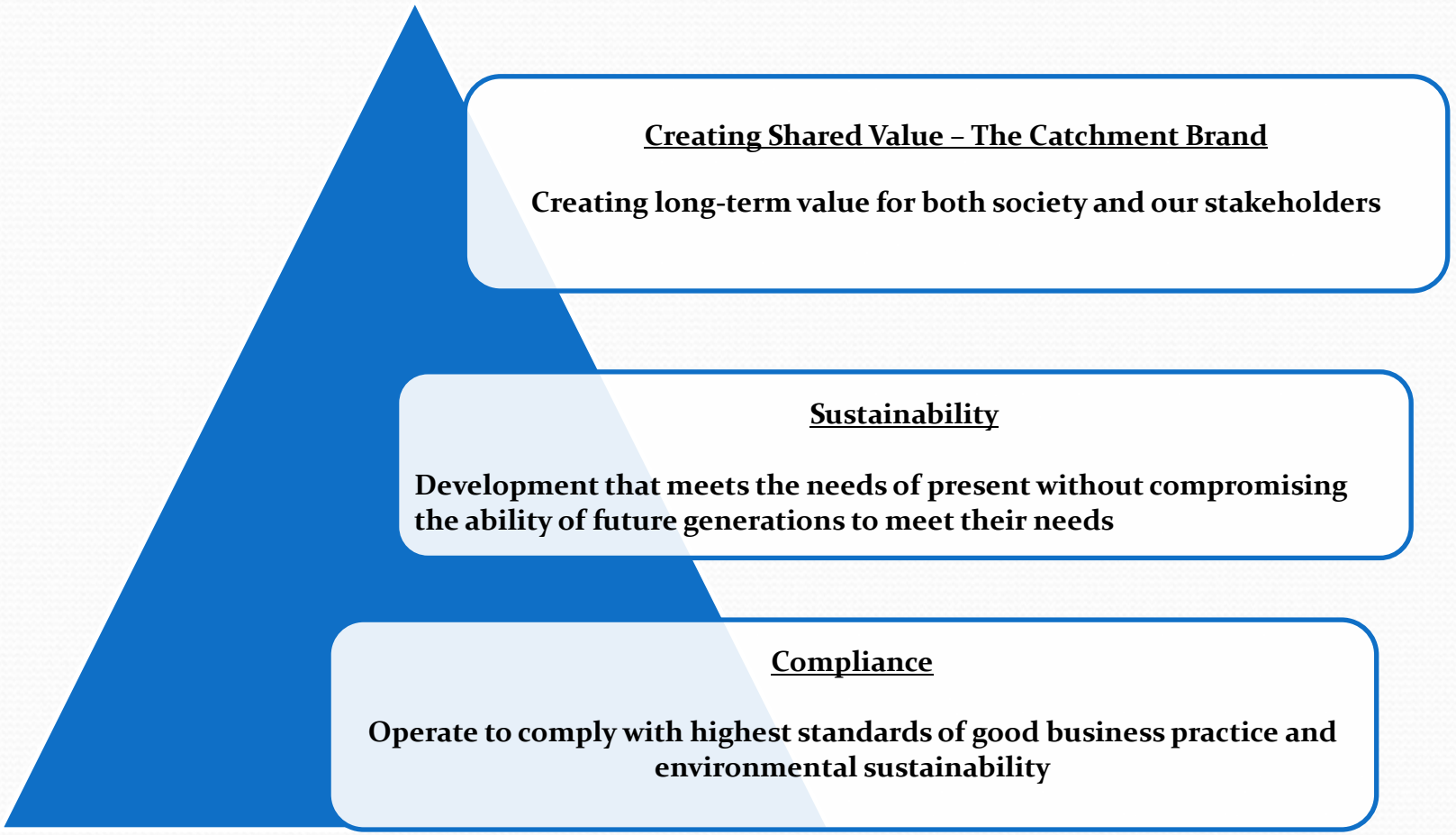
Catchment Management

Implementing a Sustainable Farmer-Led Catchment Model

Steps toward Implementing a Sustainable Catchment Model



A Catchment Vision

PSCT Farmer led Trust

"To enhance the economic, the social, and the environmental wellbeing of our community".

2027 Targets	We will achieve this by:
➢ Prosperous Community	➢ Adopting the mantle of 'Guardianship' across the Catchment. ➢ Valuing the contribution that all people make within the catchment. ➢ Encouraging diversity of enterprise and reward.
➢ Enhanced Water Quality	➢ Seeking innovative management or mitigation solutions to enhance water quality. ➢ Adopting achievable risk management solutions.
➢ Visible Decision Options	➢ Using measurable, validated relevant data to lead decision making. ➢ Promoting our 'Culture of Stewardship' of land & resource.

Catchment Management

- **CMP Strategic Aims (supported by a set of Objectives)**
  - Implementation - measurable evidence-based
  - Water/quality/quantity
  - Sustainable Land use
  - Community economic growth
  - Biodiversity
  - Food production/harvest

- **Recognising PC1 Targets**
  - Sediment
  - Phosphorus
  - Nitrogen
  - E.coli

- **WRC endorsed Catchment Management Plan**
  - Comprehensive Planning Document
  - Signed off by Lower Waikato Zone Committee

Catchment Management
Our Recommended Process

Linking on-farm Action to our CMP

- **Catchment Forensic Analysis**

  Using WRC Water Quality Data to identify Catchment Water Quality issues

- **Link Issues to CMP Strategic Aims (Risk Matrix)**

  Create linkage/pathways between Strategic Aims and Forensic Analysis Issues

- **Validate Risk Matrix Issues against CMP objectives**

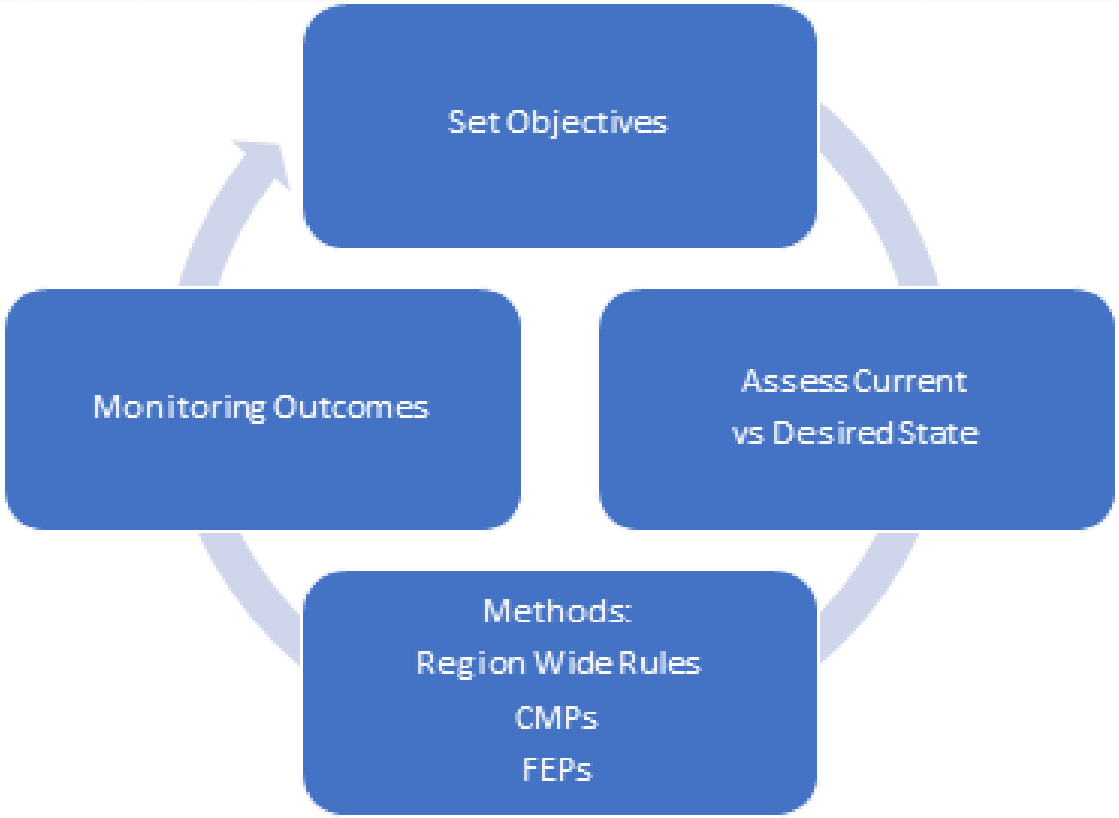
  Develop defined measurable actions that meet CMP objectives

Catchment Management

- **Forensic Analysis Identified Issues**

Sediment / Phosphorus (linked)	Highest priority
E.coli	below threshold due to Wetland dissipation
Nitrogen	below threshold due to Wetland dissipation

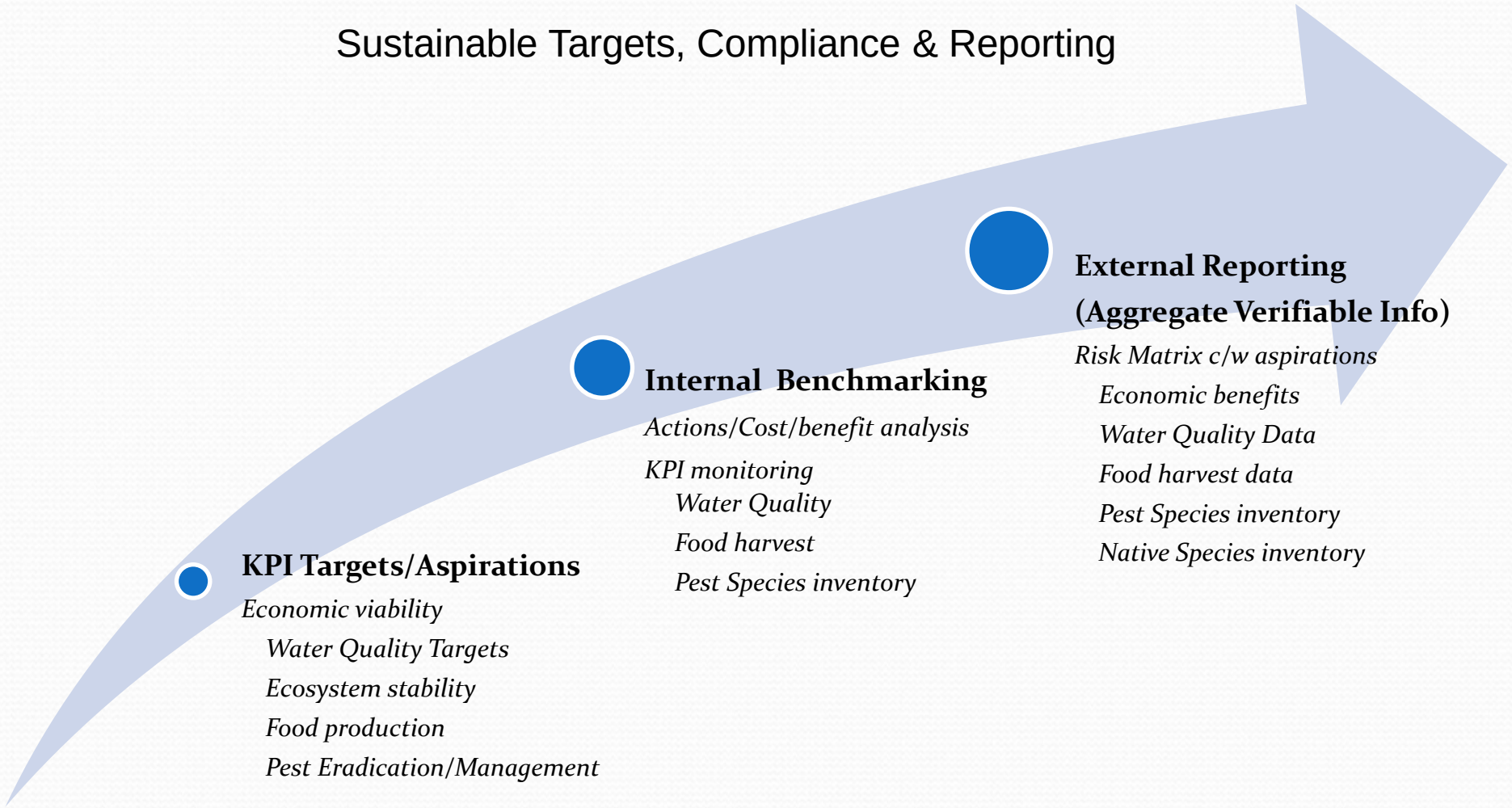
Transparent evaluation Process



Catchment Management

Achieving our Catchment Vision

Sustainable Targets, Compliance & Reporting



KPI Targets/Aspirations

Economic viability

- *Water Quality Targets*
- *Ecosystem stability*
- *Food production*
- *Pest Eradication/Management*

Internal Benchmarking

Actions/Cost/benefit analysis

KPI monitoring

- *Water Quality*
- *Food harvest*
- *Pest Species inventory*

External Reporting (Aggregate Verifiable Info)

Risk Matrix c/w aspirations

- *Economic benefits*
- *Water Quality Data*
- *Food harvest data*
- *Pest Species inventory*
- *Native Species inventory*

Plea to Commissioners

Keep the process simple.

- **Provide for Permitted Status FEPs**
- **Provide for inclusion of Aggregate Reporting options for Permitted FEPS**
- **Use an effects based Audit Process for all FEPs. (RMA intent)**

  i.e. WRC WQ testing & evaluation at Catchment Scale to demonstrate the WQ trend and to highlight any issues that may require priority action. WRC to provide these reports directly to landowners on an annual basis.
- **Provide a regulatory backstop (Consent Process) where WQ trends demonstrate significantly worsening WQ Trends over time (Across the basket of key attributes)**