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# 2013: Informing Prioritisation of Reef Rescue 2 Delivery

**Matt Kealley**



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# Overview of industry involvement

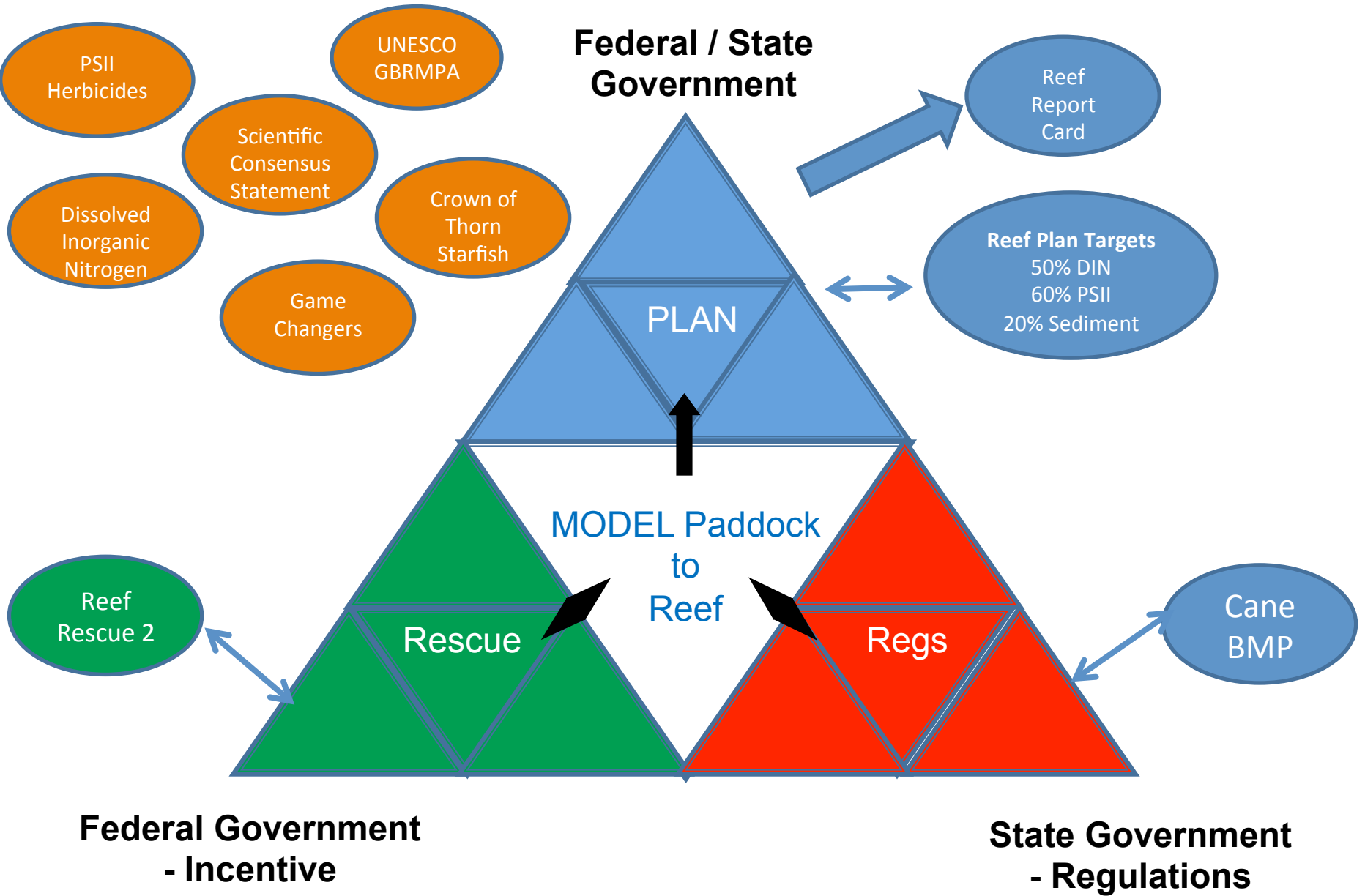
**Buy-in**  
**Trust**  
**Alignment**  
**Fatigue**



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# Reef Programs and water quality



**Federal / State Government**

PLAN

Reef Report Card

Reef Plan Targets  
50% DIN  
60% PSII  
20% Sediment

MODEL Paddock to Reef

Rescue

Regs

Cane BMP

Reef Rescue 2

**Federal Government - Incentive**

**State Government - Regulations**

PSII Herbicides

UNESCO GBRMPA

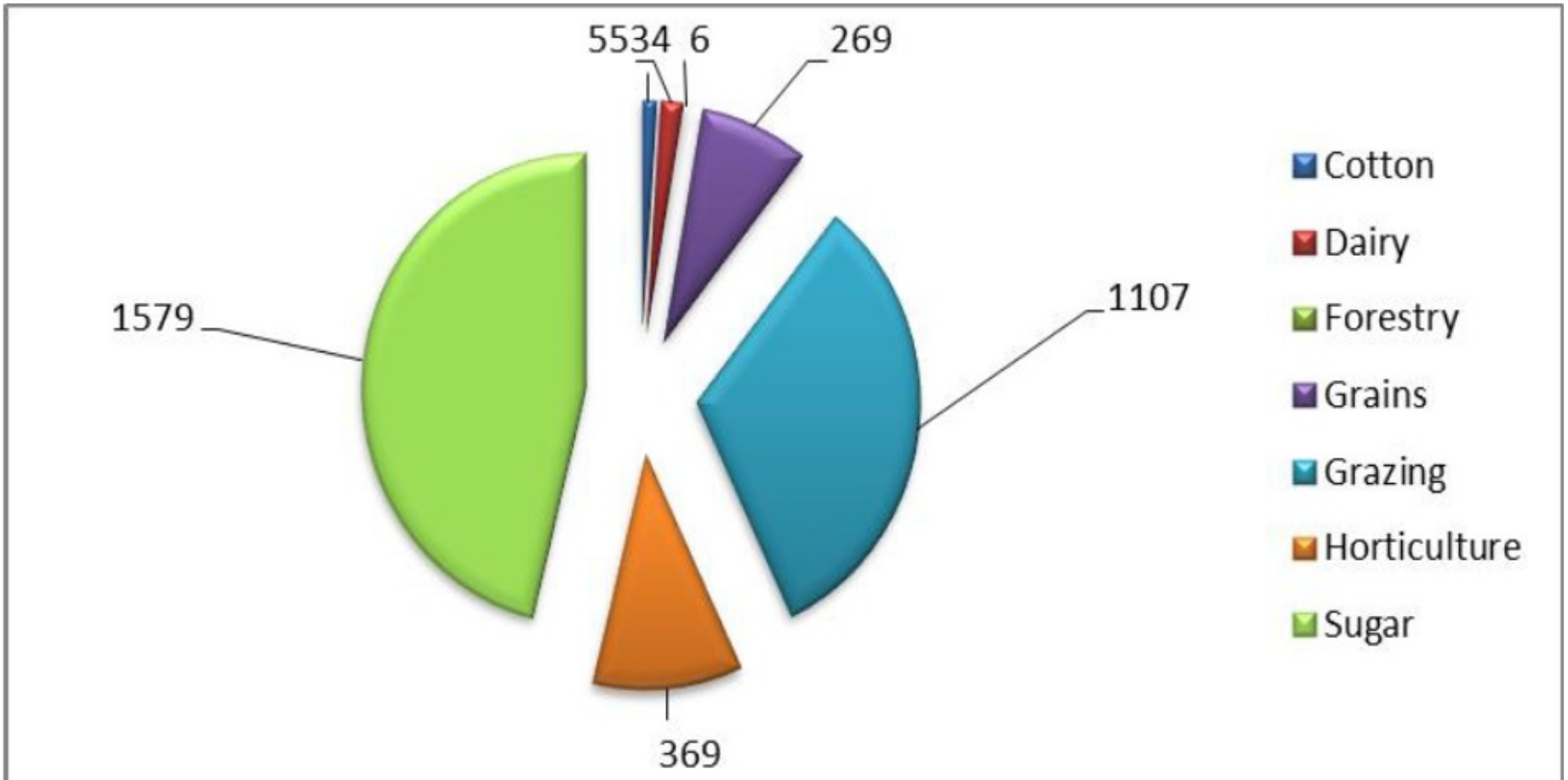
Scientific Consensus Statement

Crown of Thorn Starfish

Game Changers

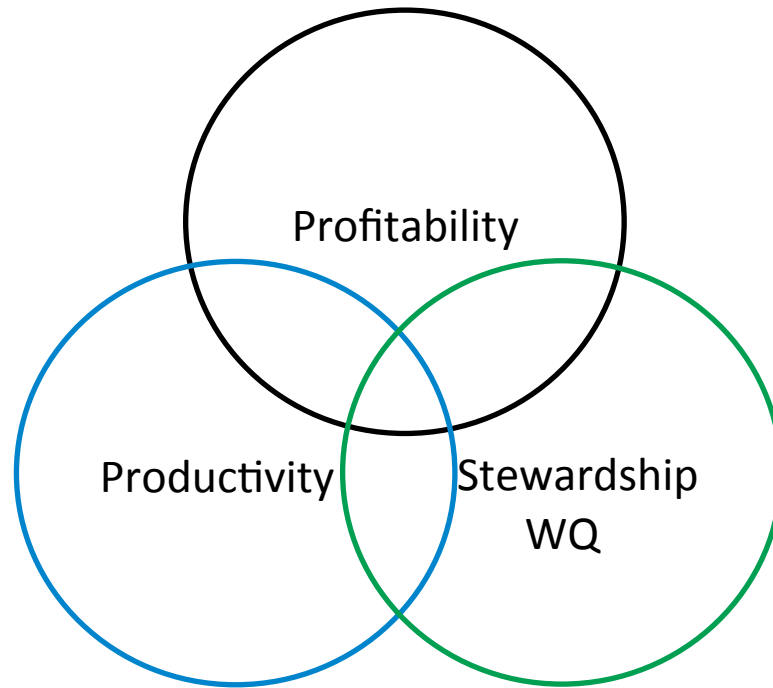
Dissolved Inorganic Nitrogen

# Supporting growers gets buy-in



**Cane \$54M grants; \$71M grower cash; \$19M in-kind**

# Need to support grower viability



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# Industry Best Practice and R&D

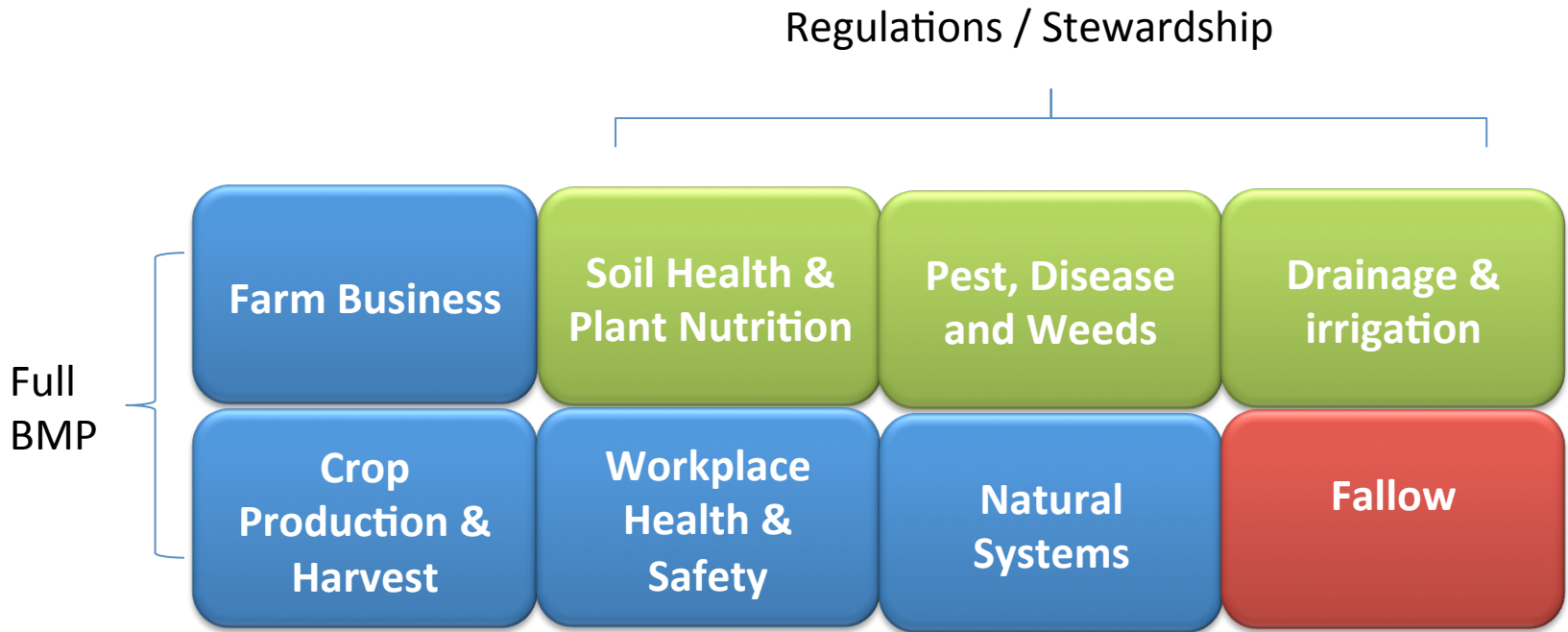
- Six Easy Steps for Nutrient Management
  - District Yield Potential & soil N mineralisation index
  - Undergone extensive development
    - Field, glasshouse and laboratory
    - More than a decade
- CANEGROWERS position
  - supports DYP & nutrient management plans
  - science underpinning SIX EASY STEPS
- R&D through Sugar Research Australia
  - Coated or slow release fertiliser
  - Improved management practices
  - Climate forecasting refine N recommendations

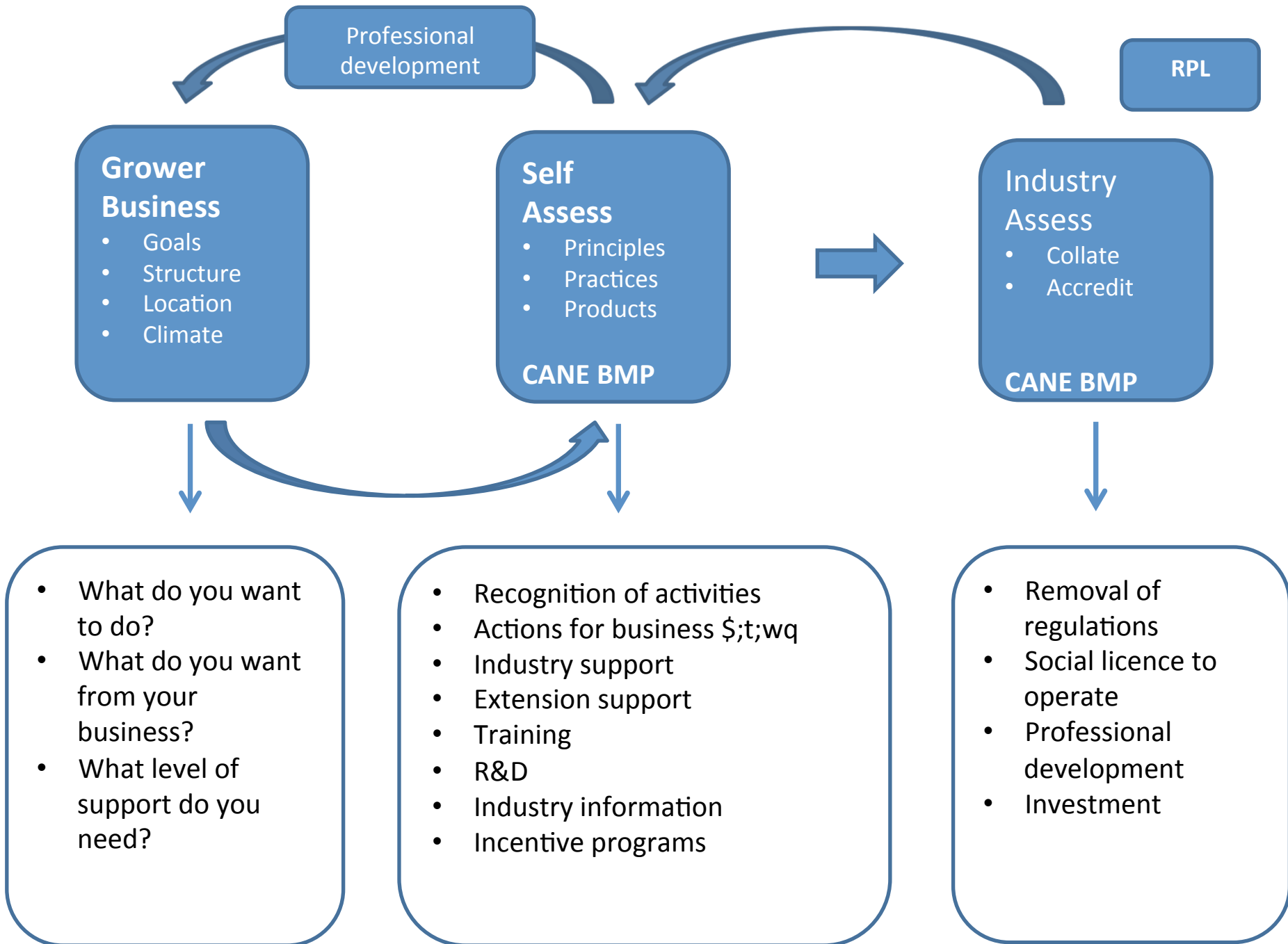


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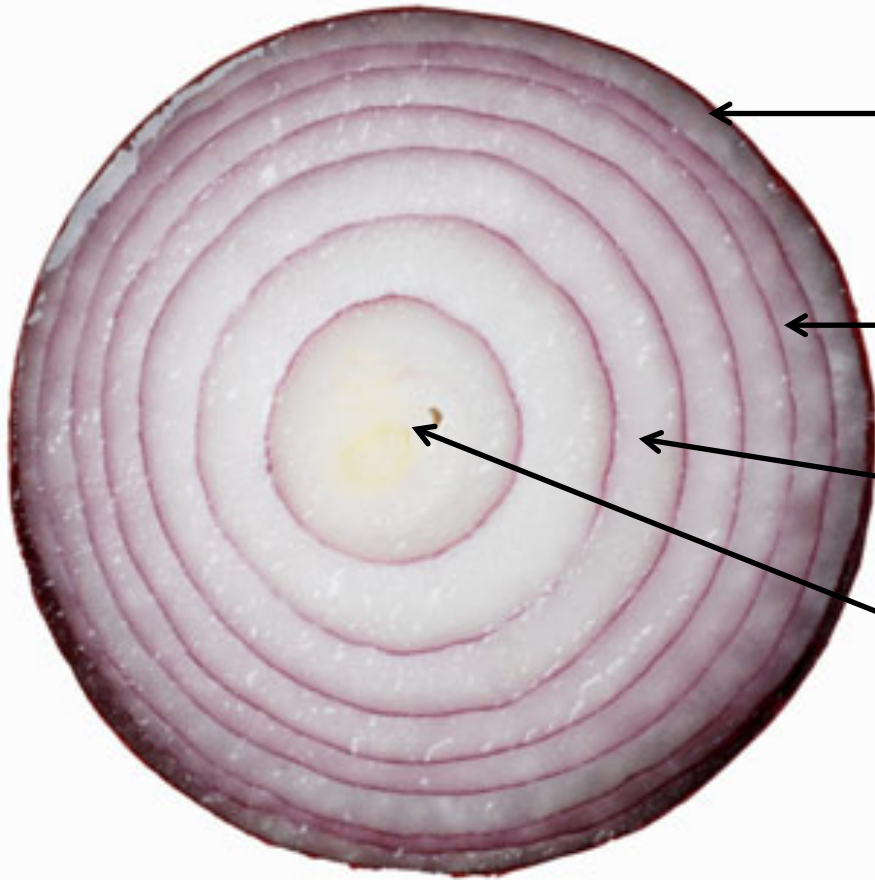
# Cane BMP modules







# Cane BMP supports variation



Industry

Region

District

Grower

# Cane BMP Accreditation

- Industry **Accreditation and Certification** essential to deliver transparency and rigour to industry, government and community
- ISO 19011 **internationally recognised** auditing standard based on industry developed BMP modules e.g. nutrient management plan
- **Grower self assessment** – evaluate current practices in line with Cane BMP modules, support from BMP facilitator
- **Cane BMP audit** – BMP facilitator verifies grower practice meets industry standards in modules for accreditation
- **Third party independent audit** – random check accreditation is conducted in accordance with certification criteria, sample no. growers once in any 5 year period



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# Cane BMP Development

- **Consultation** inclusive of Growers; District Board members; CANEGROWERS; Cane grower organisations; Millers; Productivity Services; Government (DEHP & DAFF); ASMC, Sugar Research Australia PEC, NRM & WWF
1. **14 District Working Groups – industry**
  2. **4 Regional Working Groups**
  3. **Industry Working Group**
  4. **Project Coordinating Committee (CANEGROWERS & Government)**



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# Alignment over next 5 years

- **Cane BMP Program driven by industry**
  - Productivity; Profitability & Stewardship (WQ)
  - Continuous improvement and accreditation
- **Reef Rescue supported with Cane BMP**
  - Link to identified gaps for grants
- **SRA provides R&D and peer review**
  - Innovation & game-changers
- **PEC Unit provides Education & Training**
  - Communication to extension
- **Extension is aligned**
  - Cane Productivity Services & agribusiness
  - BMP facilitators, Reef Rescue extension, DAFF extension
- **Data capture is aligned and consistent**
  - Reef Rescue products and Cane BMP ask same questions
  - Data to P2R through RR information management system



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