



**SCPIOUS**

SOLUTION PAPER

# Sustainable Sheep Farming: Land, Water, and Climate Insight with Scopious IoT

## Overview

Sheep farmers need clear oversight of water access, pasture condition, and infrastructure across varied terrain. Scopious IoT enables real-time monitoring and early alerts, helping reduce on-farm workload and support better land and flock management—all through a secure, easy-to-use digital platform.

### Needs:

Sheep farmers need consistent oversight of water systems, land conditions, and infrastructure to manage their flocks efficiently and maintain long-term sustainability.

### Solution:

Scopious provides a reliable monitoring platform for rural farms, giving farmers real-time visibility and alerts for systems that are critical to their daily operations and compliance requirements.

### Key Benefits:

- Improves water reliability and pasture use
- Cuts down manual system checks across large areas
- Detects faults early to prevent system failures
- Supports land use planning and regulatory reporting
- Scales with multi-block or rotational grazing setups
- Helps meet council/gov and animal welfare reporting needs
- Maintains auditable records for assurance schemes

## Scopious for Sheep Farms

- Water tank and trough level monitoring
- Soil moisture and rainfall tracking
- Infrastructure sensors for fences, gates, and pumps
- Customisable alerts through mobile dashboards
- LoRaWAN connectivity across broad terrain
- Data logs to inform grazing and land use planning

**Protect your  
land. Feed  
your flock.  
Do it with  
data.**