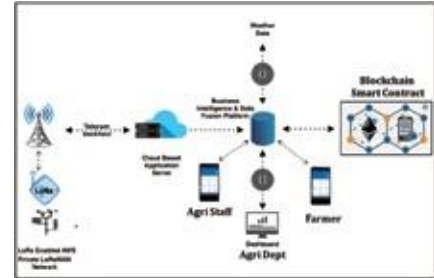# Agriculture Department

Smart Crop Insurance

Business Case

- Improve Crop Insurance Scheme implementation
- Expedite settlement process, make it transparent and proactive
- Lack of real time weather data and inappropriate data received from the existing weather stations
- The role of banks and insurance companies in Crop Insurance Schemes will be redefined.
- Implement a platform comprising of all technology components like IOT, fusion with weather data streams, term sheet based smart contract on blockchain database and mobile based apps for farmers and Agriculture dept stakeholders for one season.

Block Chain/IoT

Outcome/Benefits

- Acquire weather parameters from more cost-effective, reliable sources in order to capture weather parameters as accurate as possible for a Reference Unit Area
- Validation and verification of the acquired weather data in real-time
- Storing the data in a secure, immutable database with notified term sheet driven smart contract
- Transparent dissemination of information to farmers, Agriculture Department officials.
- A platform for fast, fair, transparent, proactive insurance payout system.