

## Featured Innovations

### SmartFarm - A Complete Climate Advisory Dissemination System

CropIn addresses climate challenges in Sri Lanka and Bangladesh, countries heavily reliant on agriculture, by providing real-time weather data and tailor-made advisories to vulnerable farmers. Through CropIn Grow's modules farmers adopt sustainable practices for increased productivity.

Equipped field officers capture farm data, enabling personalised SMS advisories, empowering farmers to make informed decisions and adapt to climate conditions, enhancing agricultural sustainability and resilience. Together, these will help them to 'grow more' and 'grow better'.

### Introduction



App-based field investigation based POP and Good Agricultural Practice-based advisories



Expert Input advisories for the right usage of fertilisers and chemicals and pest and disease advisory through SMS



AI and ML model-based climate-smart advisory that is predictive and prescriptive.

### Development and Implementation

2. Error minimisations with a digitised cultivation process

4. Integrate with other applications and data sources to do more and make better decisions

6. Decision support system and capacity building of smallholders

1. Farm Enterprise Resources Planning & Monitoring and managing of farms

3. Data-driven decisions to improve farm productivity and profitability

5. Collaboration with local governments and agencies

7. Climate risk mitigation

### Expected Impacts



Improved decision-making for local governments through the implementation of a decision support system.



Enhanced capacity of smallholder farmers to mitigate climate risks through access to knowledge and tools.



Partnerships with government agencies to facilitate the implementation and sustainability of the project.