

# Precision Agriculture IoT CoE

Precision Agriculture IoT CoE within the IoT Community aims to collectively shape the AgriTech IoT strategy and promote the use of the latest developments in the IoT space to benefit the agricultural industry.



**Robotics  
& Automation**



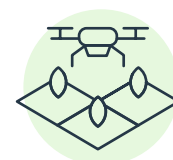
**Digital  
Platforms**



**Sustainable  
Farming**



**Artificial  
Intelligence**



**Indoor  
Farming**

## Our Mission

Promoting modern, technology-driven agriculture

## Our Approach

Partnering with technology companies to create the ecosystem for exchanging knowledge and best practices on leveraging IoT for Precision Agriculture with the aim of empowering the agricultural sector to develop and advance their IoT strategies for increased operational efficiency, sustainability, and manageability

## Our Objective and Appeal

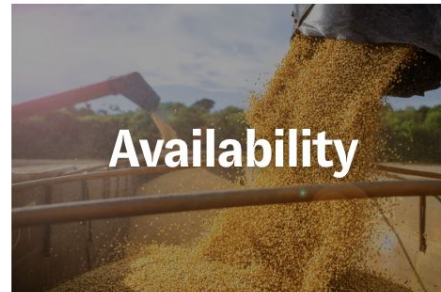
Encouraging domain experts in the AgriTech space to bring together their experience and expertise to jointly drive the thought leadership on applying disruptive technology for addressing the most pressing challenges facing the agricultural industry today

## The 11th Global Food Security Index shows a deterioration in the global food environment for the third year, threatening food security

The GFSI considers the issues of:



Measures the ability of consumers to purchase food, their vulnerability to price shocks and the presence of programmes and policies to support consumers when shocks occur.



Measures agricultural production and on-farm capabilities, the risk of supply disruption, national capacity to disseminate food and research efforts to expand agricultural output.



Measures the variety and nutritional quality of average diets, as well as the safety of food.



Assesses a country's exposure to the impacts of climate change; its susceptibility to natural resource risks; and how the country is adapting to these risks.