

TURNING INFORMATION INTO PROFITS



Climate Smart Agriculture

The need to transform agriculture

Produce up to 70% more food by 2050 to feed ~10 Bn people

One third of food produced globally is either lost or wasted; 45% is lost due to pest infestation

Nearly 690 million or 8.9% of the global population is hungry, up by nearly 60 million in five years

>80% of natural disasters are climate related; 1-2^o increase in temperature results in 10-15% drop in agricultural yield

Agriculture accounts for 70% of global fresh water use; Need to save 251T liters of water by 2030

Agriculture contributes ~25% of global greenhouse emission; Third of earth's soil is acutely degraded

Agriculture is extremely vulnerable to climate change



Agriculture accounts for ~18% of India's GDP

Agriculture employs more than 40% of Indian workers

India ranked 71st in the Global Food Security Index 2021

Climate-smart agriculture is central to efforts to end extreme poverty by 2030 and boost shared prosperity.

– The World Bank

Worldwide Installations



> 60000 stations

> 500000 sensors

> 85 countries

Customers & Partners

INTERFACE PARTNERS



TELECOMMUNICATION PARTNERS



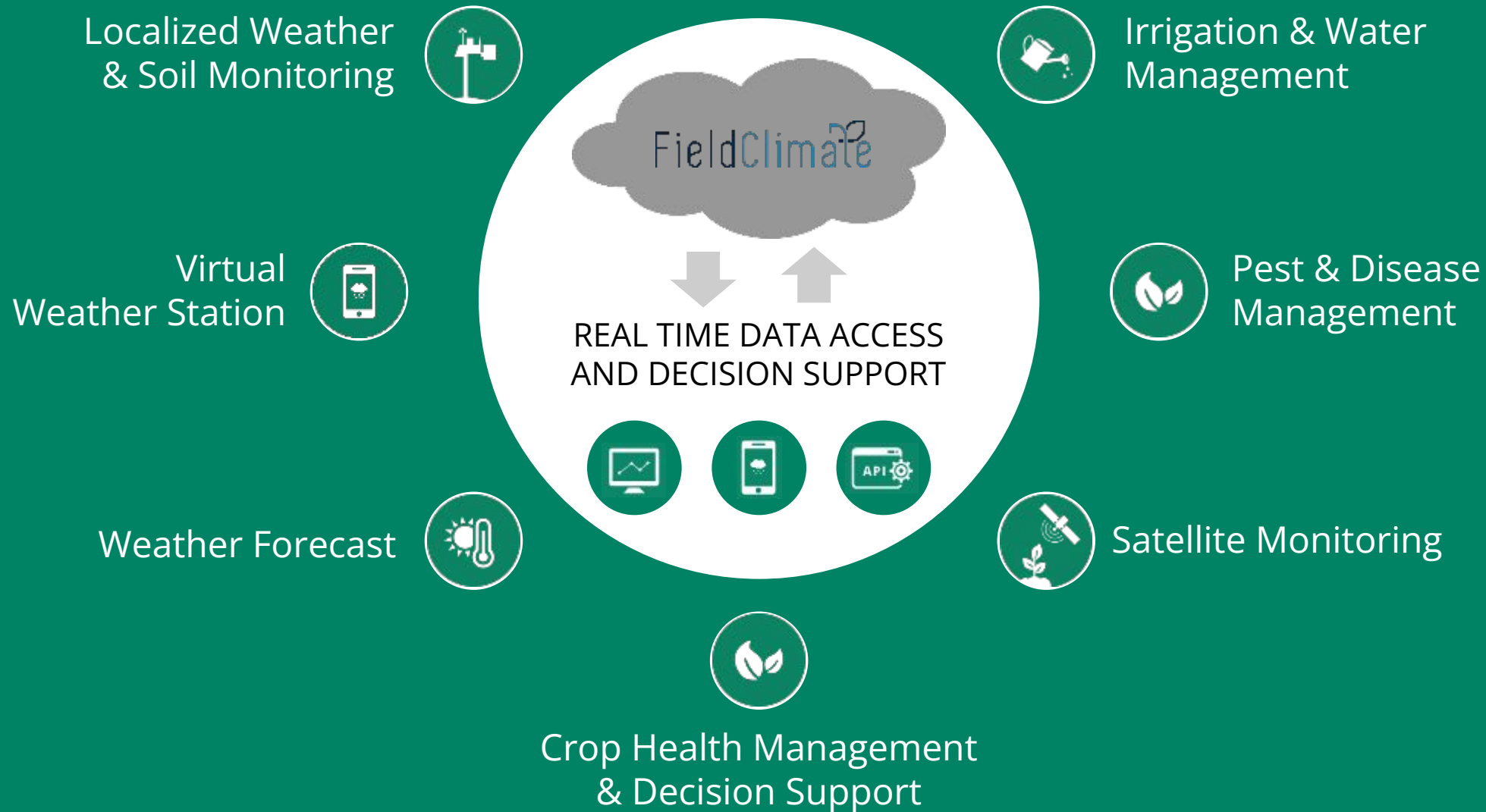
SENSOR PARTNERS



INPUT INDUSTRY PARTNERS

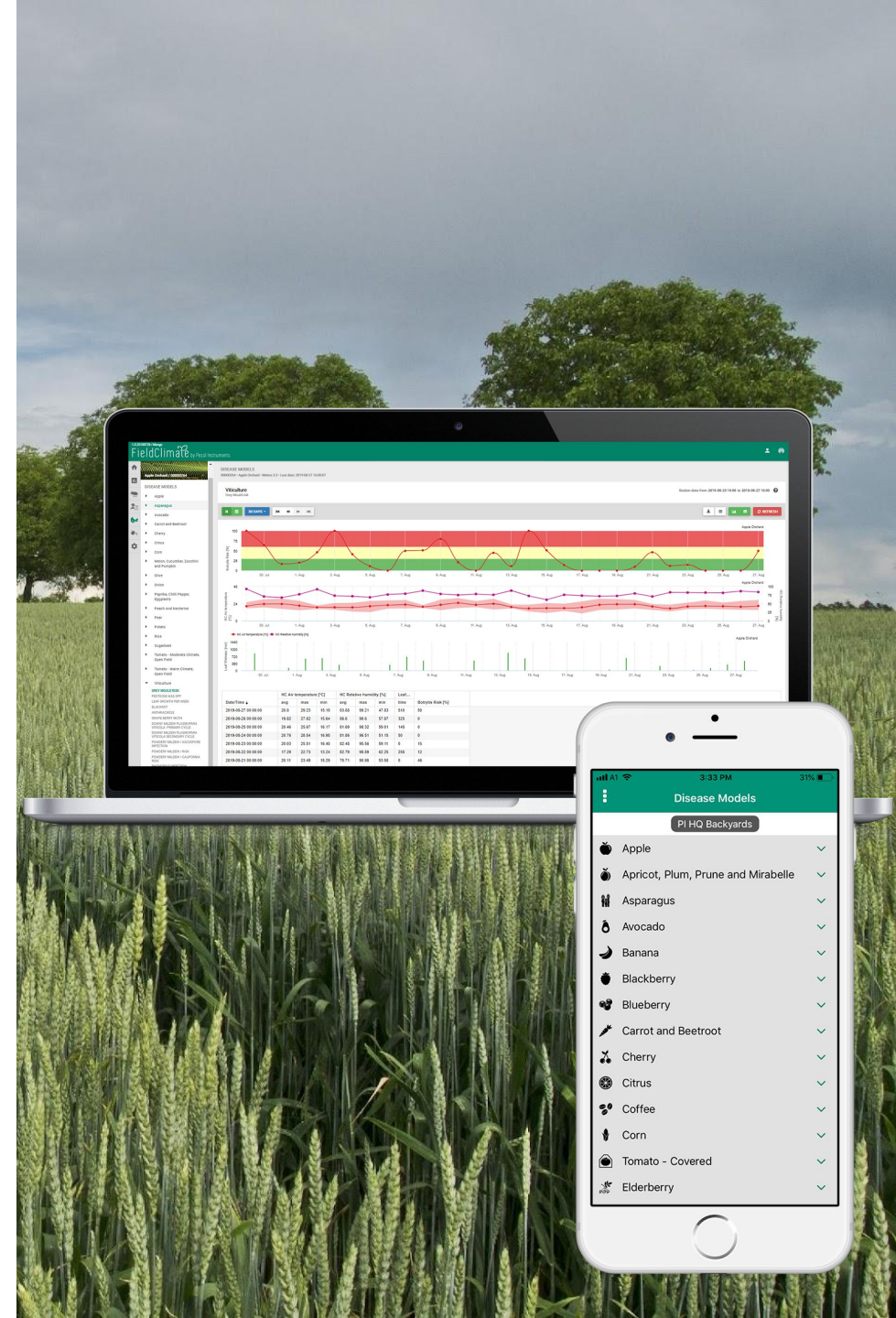


Holistic Solutions for Precision Agriculture



Pessl Climate Smart innovations help

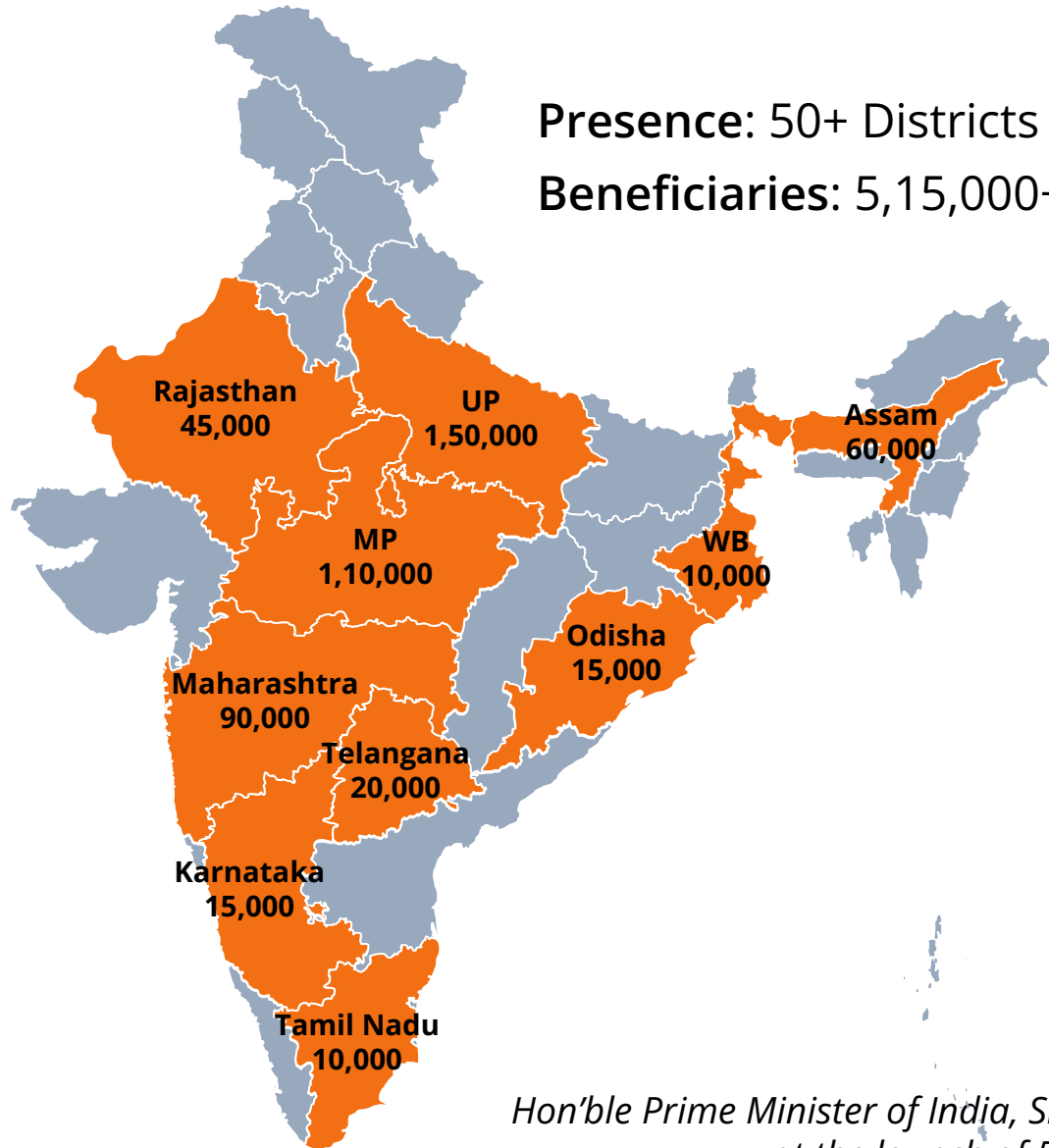
- The small holder farmers be more successful by increasing agricultural productivity
- Achieve nutrition security and mitigate climate change
- In ensuring access to existing and new climate-smart technologies for the disproportionately vulnerable sections
- India to achieve ambitious climate and sustainable development goals
- Reduce greenhouse gas emissions



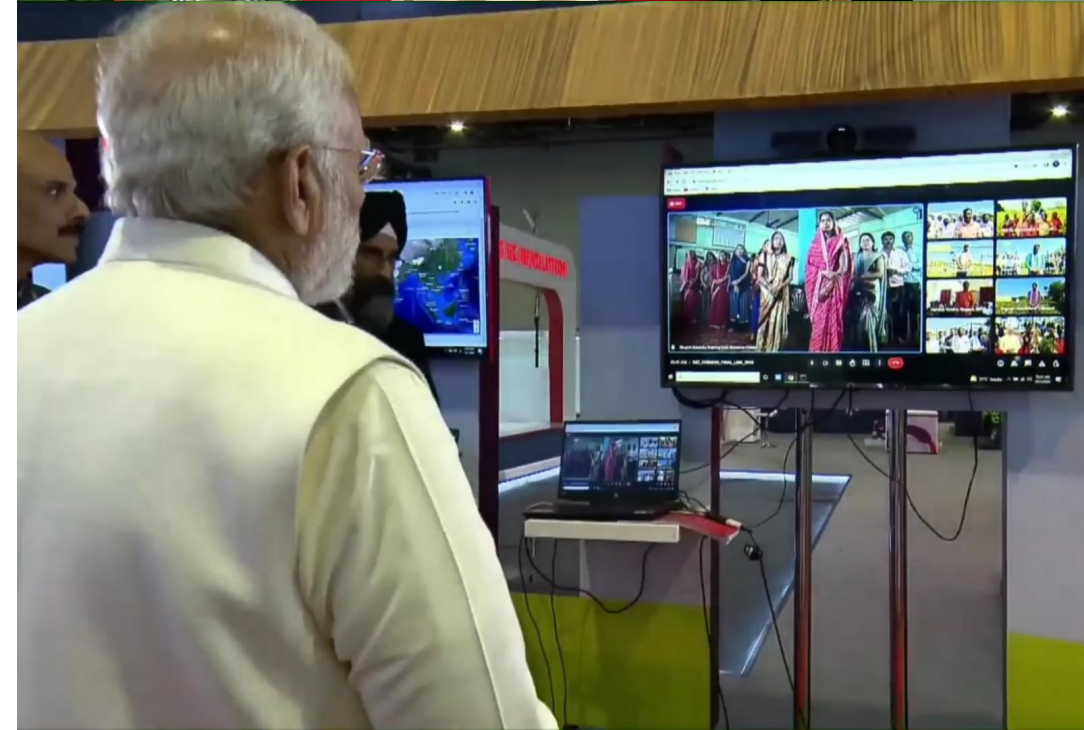
India impact

Presence: 50+ Districts in 12 states

Beneficiaries: 5,15,000+ farmers



*Hon'ble Prime Minister of India, Shri Narendra Modi,
at the launch of 5G during IMC 2022*



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Thank you.



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