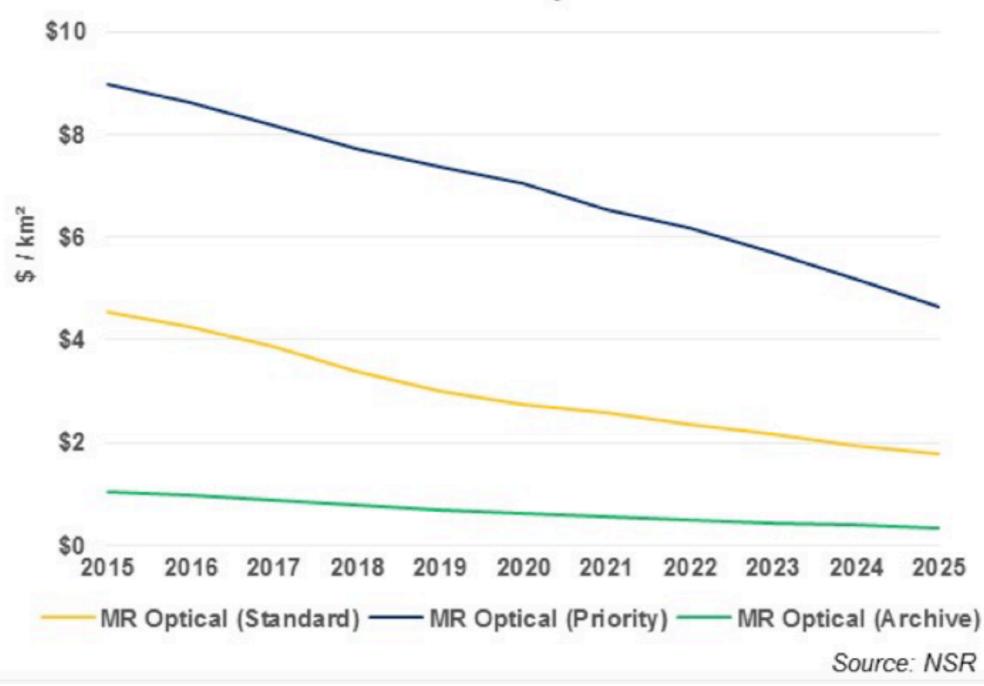
Providing satellitepowered data analytics to empower lives of farmers

Narayan Prasad

Key supply factor

Medium Resolution Optical Data Cost



Case Study: Farm Sector in India

- 67 percent of India's farmland being held by the marginal farmers with holdings below one hectare
- Over 12,000 suicides/year were reported in the agricultural sector of India
- Crop insurance claims in India are likely to touch Rs 13,000 crore (~\$2b) in the 2016-17 crop year
 - About Rs 15,891 (~\$2.4b) crore premium is estimated to have been collected by the 11 empanelled insurance companies who sold crop insurance policy to the farmers in both kharif (summer) and rabi (winter) season during the 2016-17 crop year.

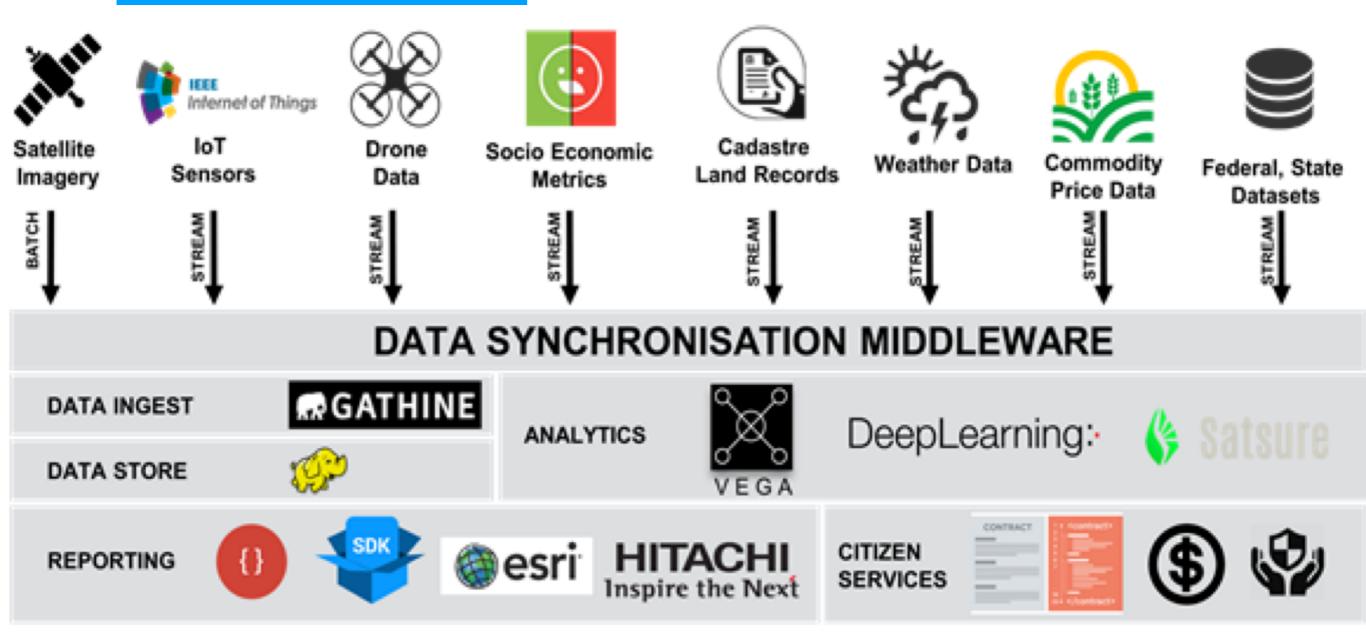


- Debt burden
- Lack of access to scientific agricultural practices
- Dwindling farm holding sizes
- Institutional apathy access to markets.
- Lack of proper insurance market
 - unfocalized insurance index
 - fair insurance premiums are not triggered at the time of need.



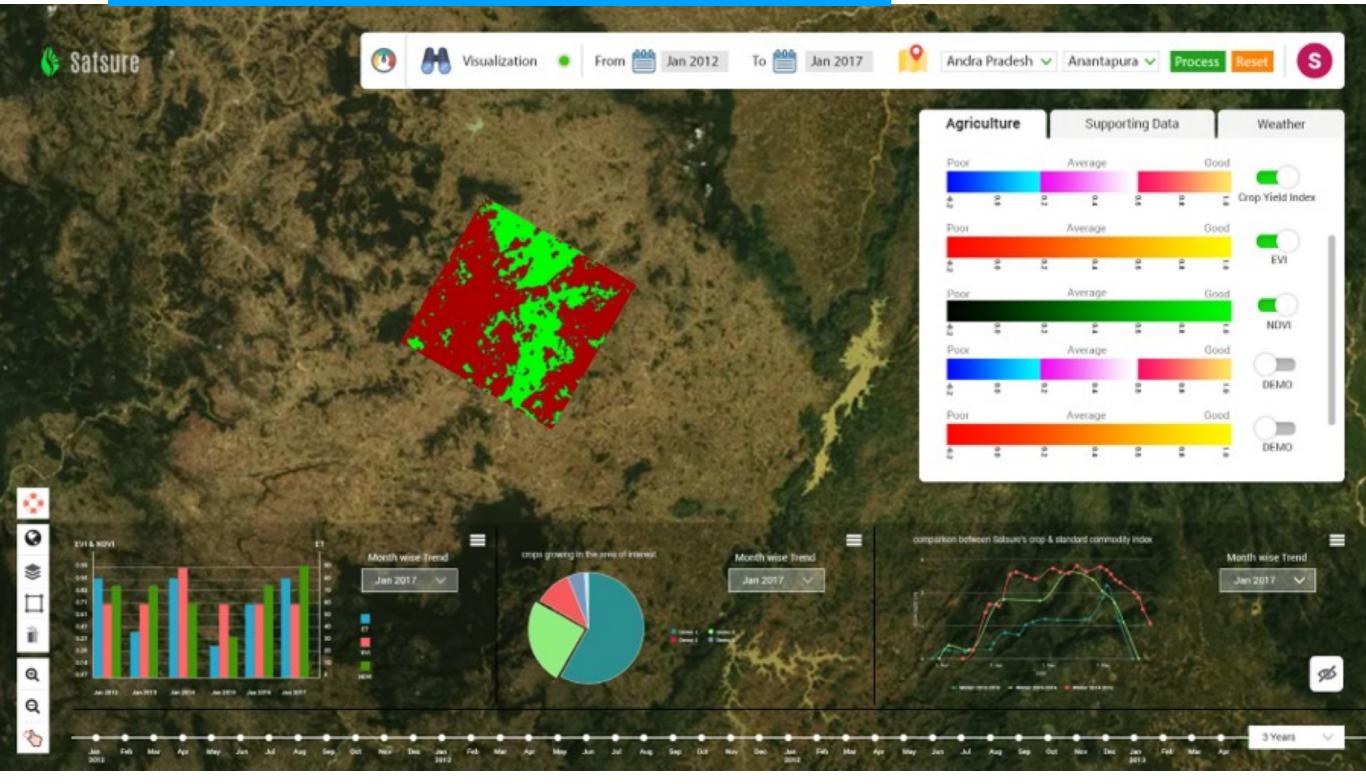
- Depleting groundwater resources
- Climate change increase in the frequency of extreme events like droughts, floods
- Lack of fair and timely compensation for losses incurred
- Lack of transparency in fixing the fair price for the produce
- Difficulty in accessing credit through organized banking sector

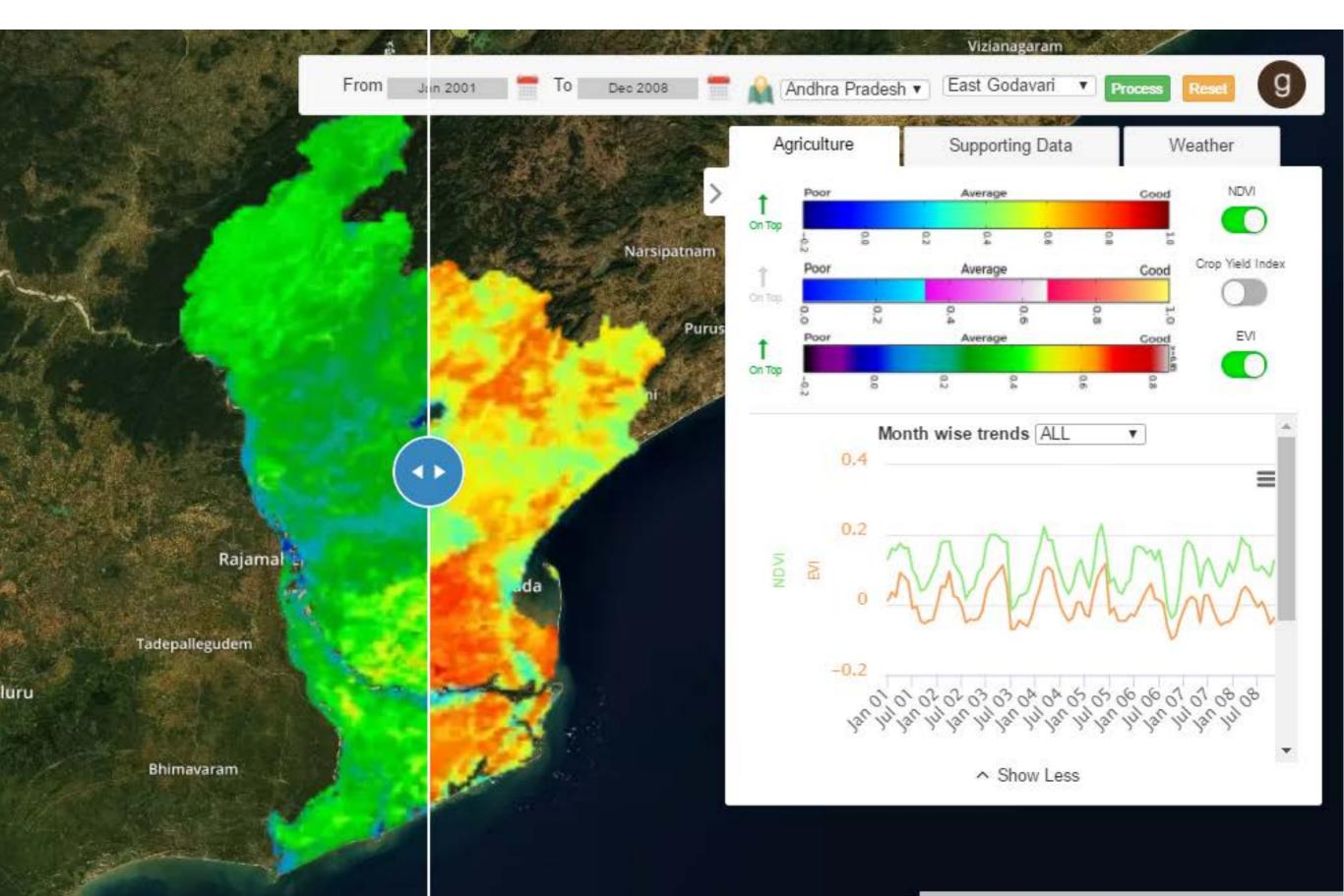
Data Sources

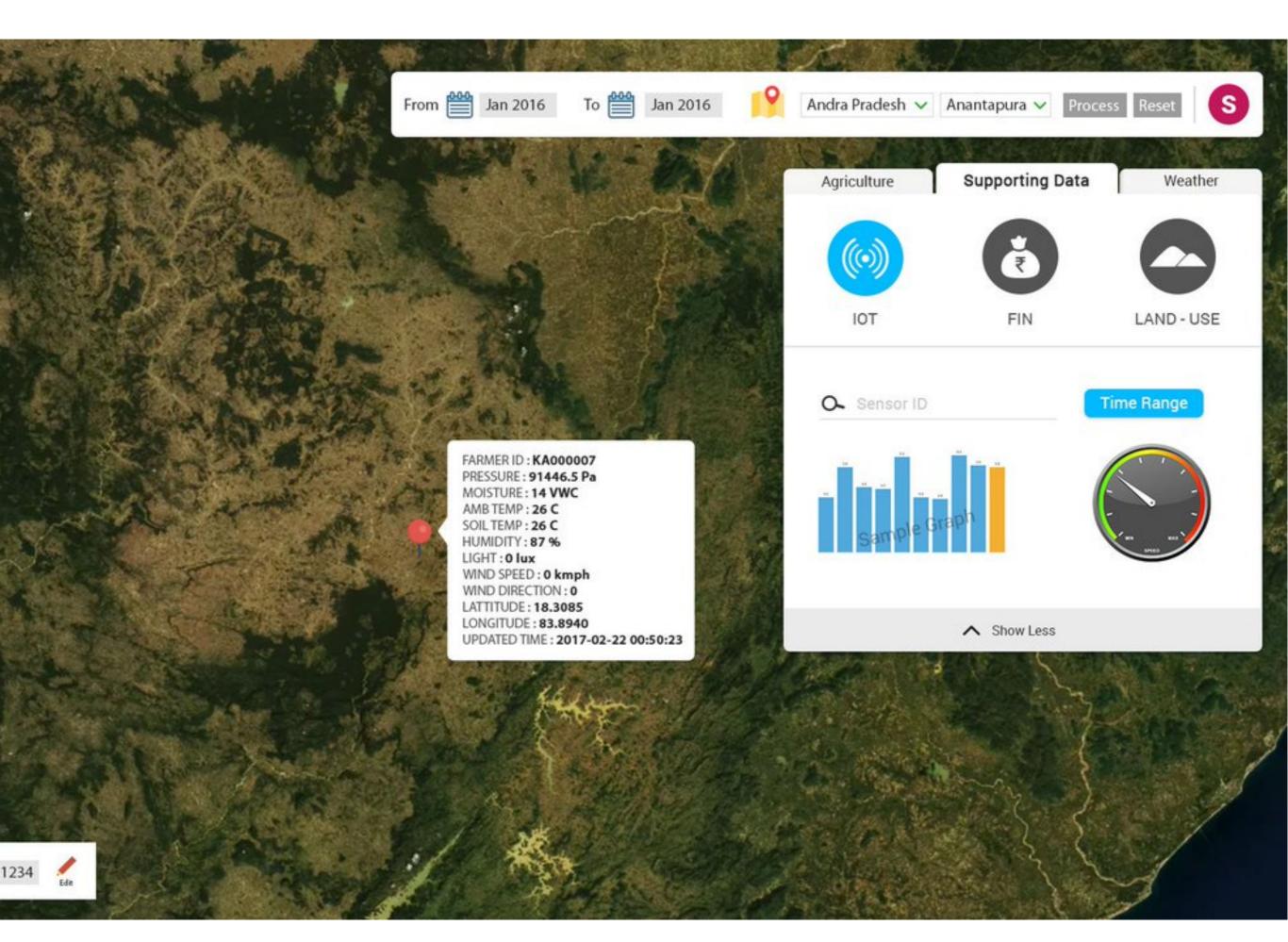


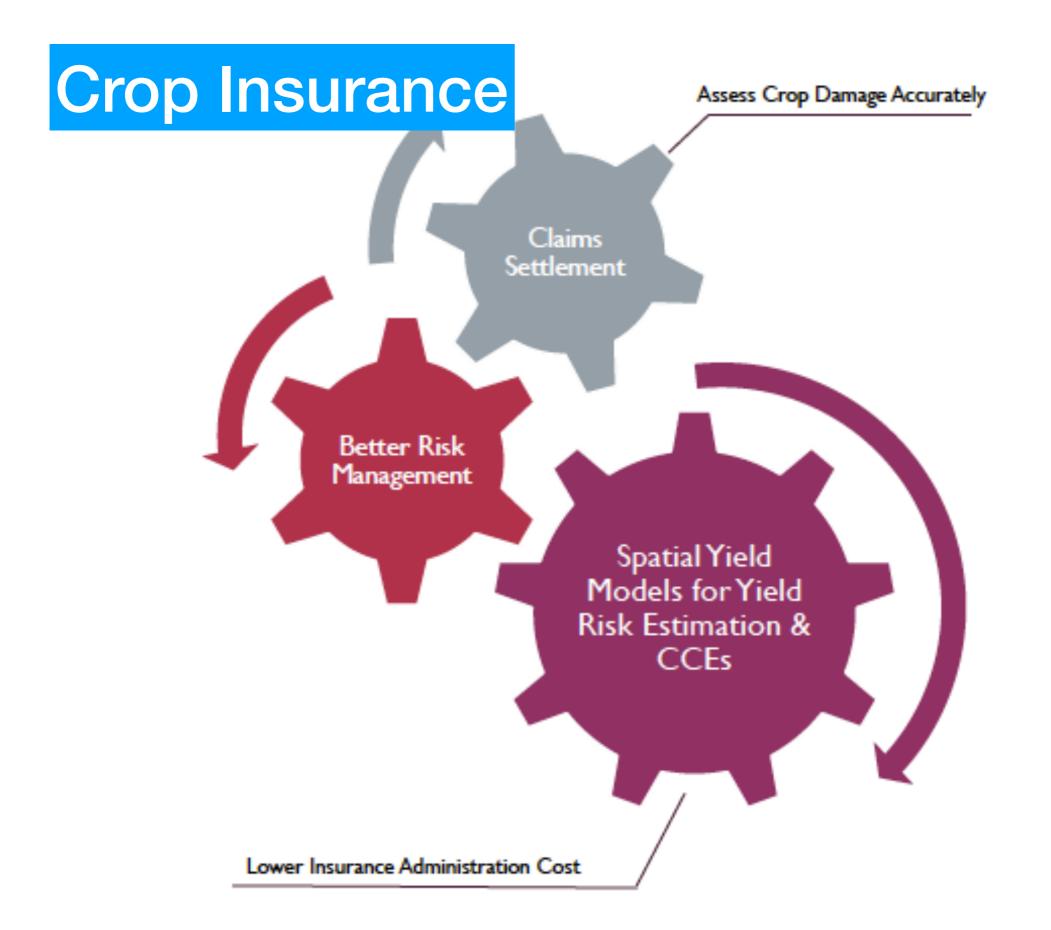
SatSure's Geospatial Analytics Platform

Decision Makers Interface

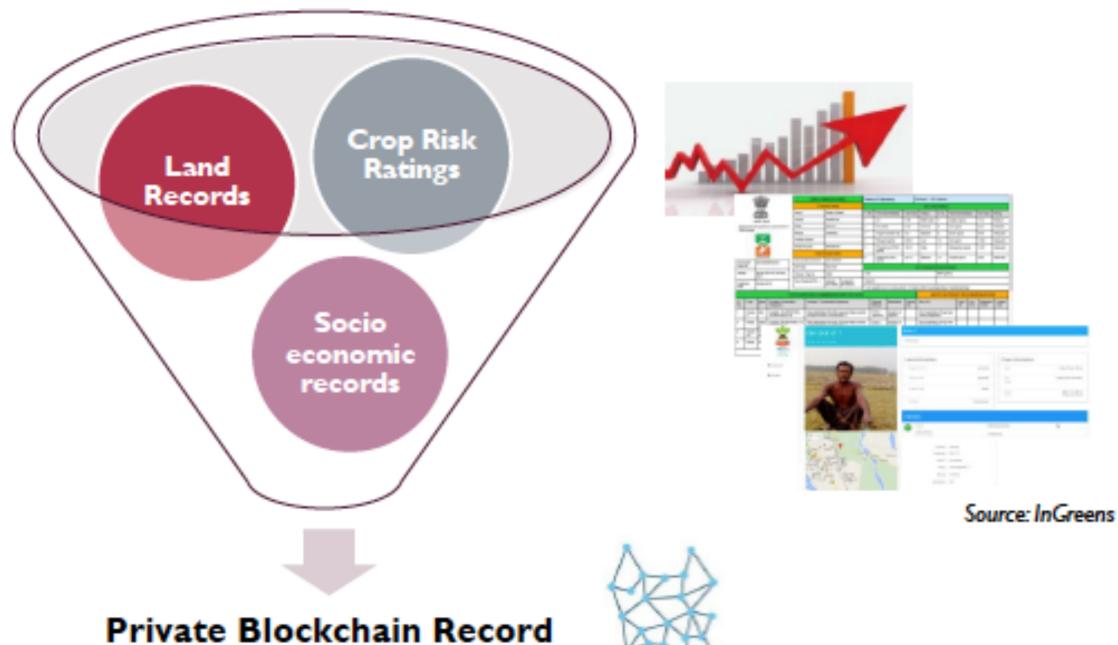








Banking Services



Storage



Policy & Decision Making



Thank You!