



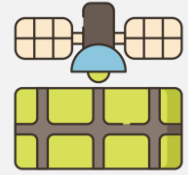
Click2Cloud®

Smart Agriculture Solutions

IoT & Data Analytics



Agriculture / Farming



Smart monitoring on vast land area



Crop suggestion for area



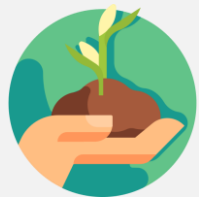
Sensor play and programming



Data management & processing



Data streaming and analytics



Prediction/forecast

IoT- and AI-driven solutions, farmers can meet the world's needs for increased food sustainably growing production and revenues without depleting precious natural resources.

Objective

- To provide agricultural analytics of the highest quality and comprehensiveness.
- Coordinate farmer-department efforts to implement and provide technological know-how to agriculture.
- Information & Communication Technology (ICT) applications to help farmers.
- Improving nutrition standards.
- Reducing fertilizer and manure usage.
- Diagnosing soil health.
- Enhancing yield.
- Predict based on historical analysis and current yield and Agri generated data.



Pain Points



01



Less arable land and water for growing food

02



No Estimates for the probability of floods & climate predictions

03



Farmers are typically not technology savvy

04



Overspending on yields, manure etc.

05



Information is very superficial.

06



Excess of Expenditure.

07



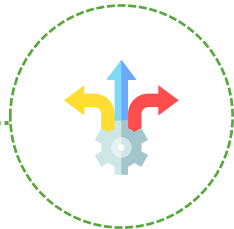
Minimal use of dwindling agriculture land

08



Lack of automation tools & monitoring.

09



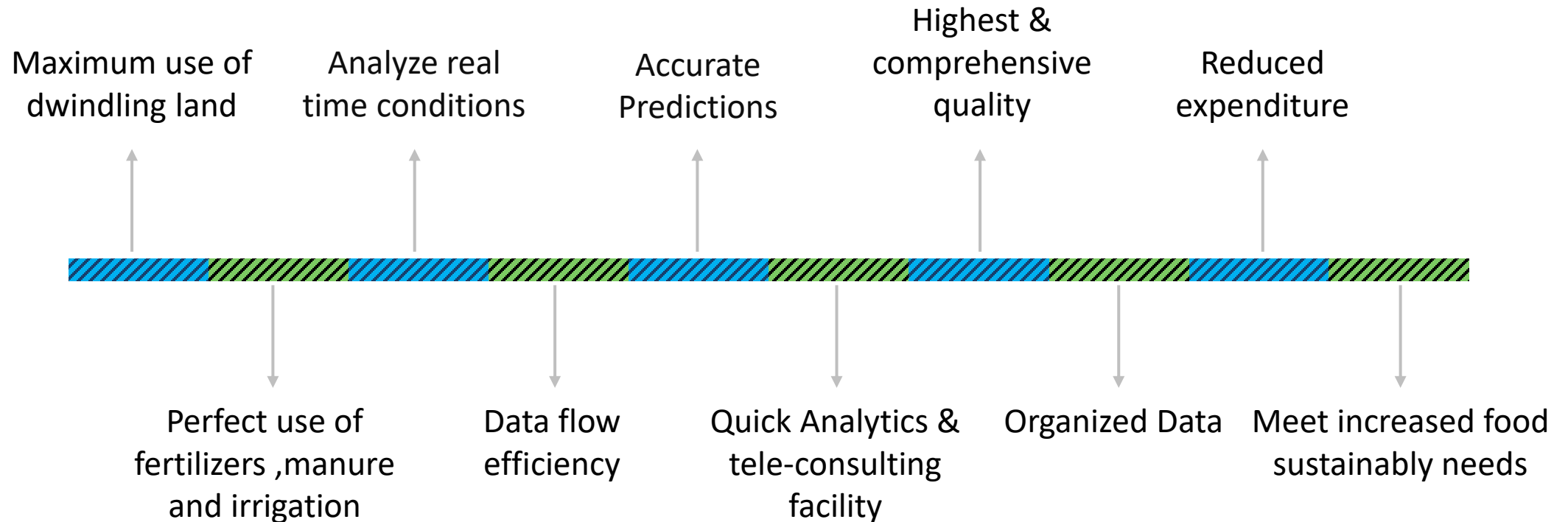
Decision making is on instincts rather on facts.

10



Lack of platform that tracks about nutritional value of crops.

IoT, AI/ML, Hyper-scale clouding ,sensors, drones, & cloud analytics can feed a growing world.....



Our Solutions



Challenge - 1

Farm planning became challenging due to large area

Solution:

Zone based monitoring of farms

Project: FarmVibes.ai Sustainable Agriculture

All Farms

- Baramati-Farm-2**
Baramati, Maharashtra
(74.5461° N 18.1211° E)
- Baramati-Farm-1**
Baramati, Maharashtra, India
(74.5909° N 18.1526° E)
- Andrew Farm**
Washington, USA
(-117.0484° N 47.0377° E)

Details

Baramati-Farm-1 (74.5909° N 18.1526° E)

Farm 2
5.6 HA
74.5909° N 18.1526° E

7 days weather forecast

Day	Max/Min	Wind	Clouds
Today February 27	35.2°C/17.7°C	7.4km/h	0
Tuesday February 28	35.5°C/17.5°C	11.1km/h	0
Wednesday March 1	35.2°C/16.5°C	13km/h	0
Thursday March 2	35.7°C/18.9°C	9.3km/h	0
Friday March 3	36.4°C/19.3°C	11.1km/h	0
Saturday March 4	33.4°C/19.4°C	9.3km/h	0
Sunday March 5	35.7°C/19.7°C	11.1km/h	0

Add New Farm

Single Window Farm View

7 Days Weather Forecast

Add Multiple Farms

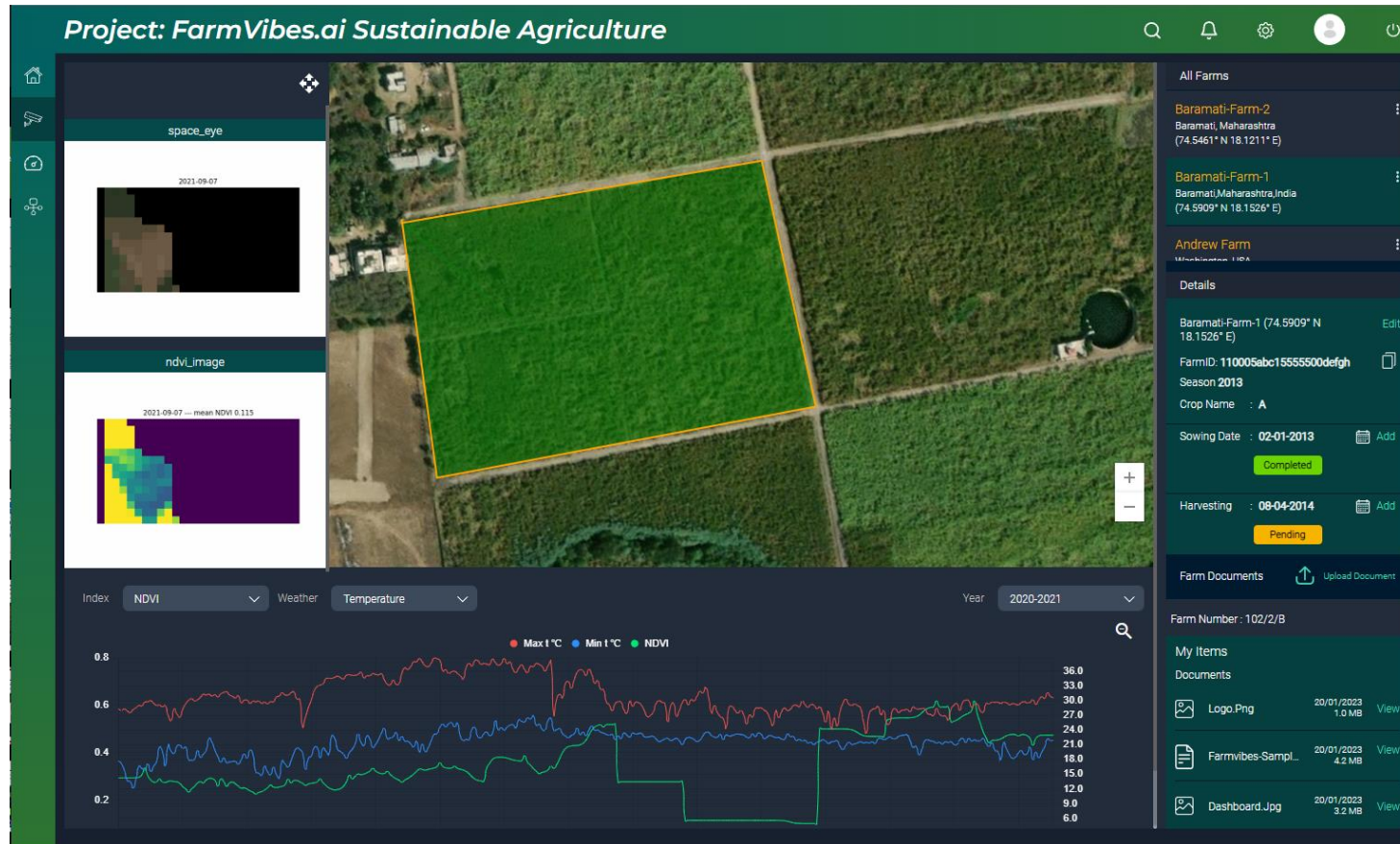
Our Solutions

Challenge - 2

Capital expenditure increased with decreased profit margin

Solution:

Precision farming with data analytics



Precision Geo-Fencing of Farms

Legal Details of Farm

Micro-Weather Forecast

Historical Time Lapses

Our Solutions



Challenge - 3

Production decrease due to improper farm management

Solution:

Optimization of farm management planning with data & analytics on Power BI reports



Historical Weather Data Analytics

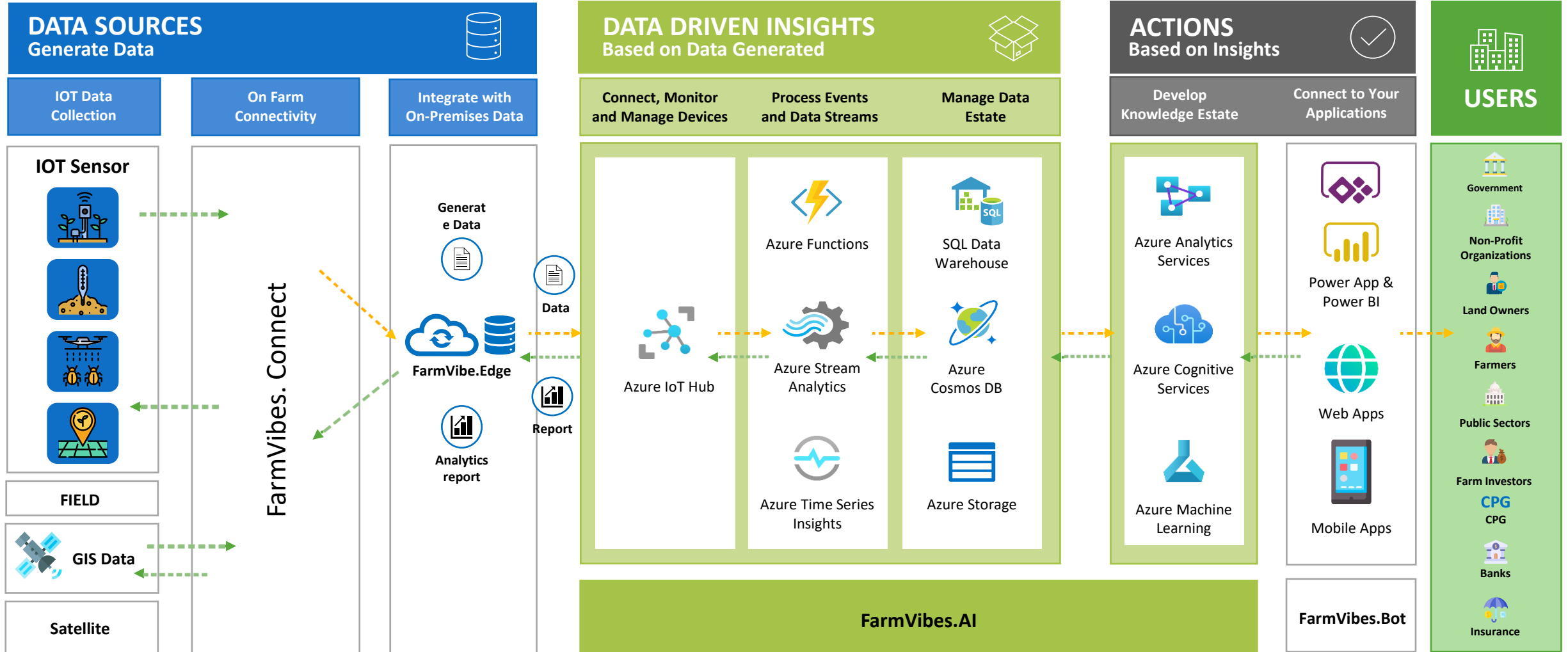
Trends of Index with Historical Timeseries & Forecasts

Farm Level ROI Analytics KPIs (Eg Investment & Profit Margin)

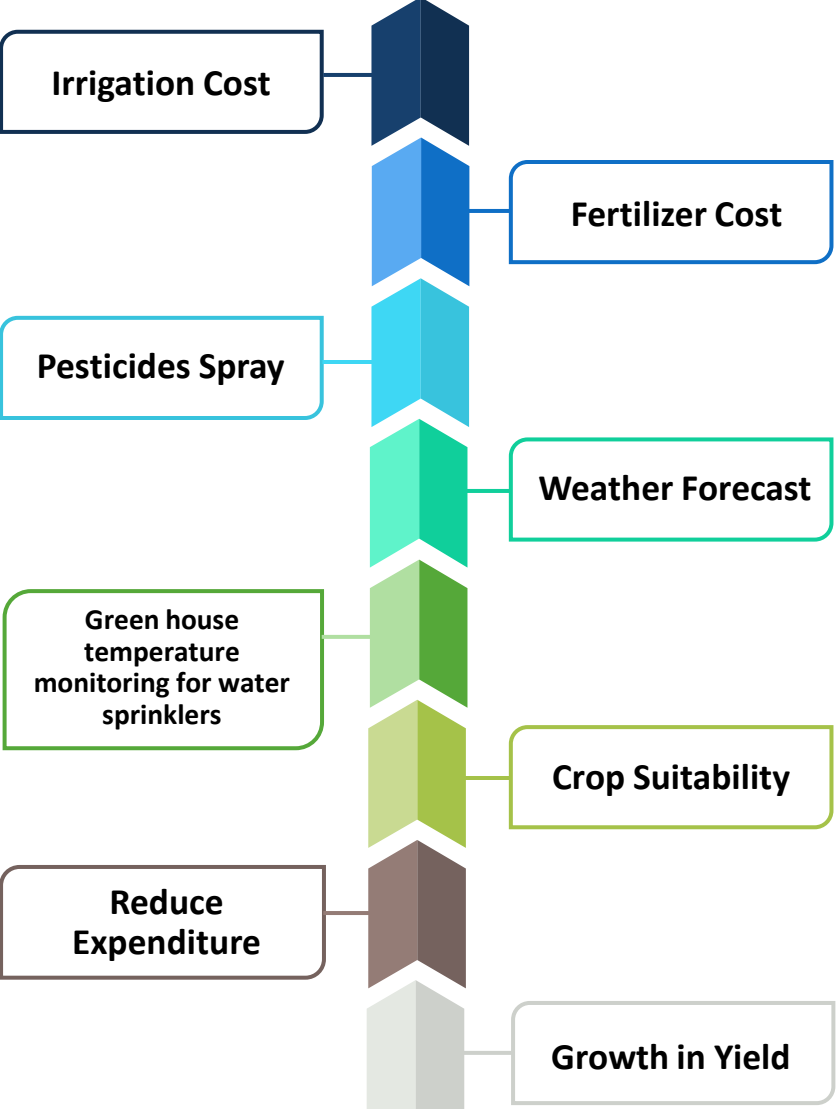
Real Time Sensors Data From The Farm

What If Scenarios (Eg. Crop Recommendations)

Technology Storyboard



Benefits





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THANK YOU FOR WATCHING