



ARTIFICIAL INTELLIGENCE ARTIFICIAL INTELLIGENCE (AI) CONSISTS OF REMOTE SENSORS, SATELLITES, AND UAVS WHICH MONITOR PLANT HEALTH, SOIL CONDITION, TEMPERATURE.

HUMIDITY, ETC.

WATER MANAGEMENT INITIATIVES

WATER MANAGEMENT INITIATIVES INCLUDE WATERSHED MANAGEMENT, DR.P. IRRIGATION AND WATER USER ASSOCIATION TO STRENGTHEN THE AGRICULTURAL SECTOR.





MODERN GREENHOUSE

GREENHOUSE IS THE BEST WAY TO GROW CROPS, FRUITS, VEGETABLES ETC. MODERN GREENHOUSES MAKE THIS WAY MORE RELIABLE AND EASY FOR FARMERS.



THROUGH GIS BASED TECHNOLGY, FARMERS CAN MAP CURRENT AND FUTURE CHANGES IN PRECENTITION, TEMPERATURE, CROP YELDS, PLANT HEALTH, AND SO ON





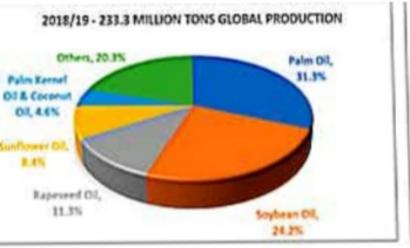
DATA FROM THE SKY - DRONES

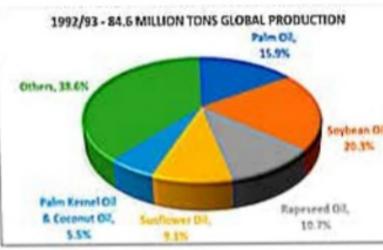
DRONES HELP TO DEFINE CROP BIOMASS, THE PRESENCE OF WEEDS, PLANT HEIGHT AND WATER SATURATION ON CERTAIN FIELD AREAS WITH HIGH PRECISION.

BLOCKCHAIN

THE ABBUTY OF BLOCKCHAIN TO TRACK
OWNISHIP RECORDS AND TAMPER-RESISTANCE
CAN BE USED TO ADDRESS URGENT ISSUES
SUCH AS FOOD FRAUD, SECURITY RECALLS,
SUPPLY CHAICENCES, AND FOOD
TRACEABUTY IN THE CURRENT FOOD SYSTEM



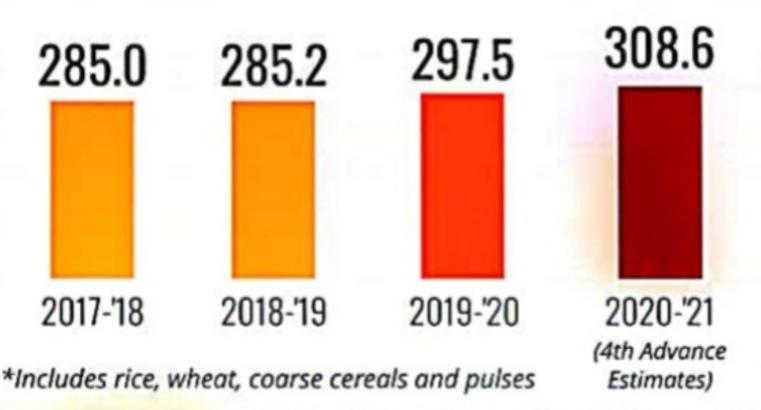




(a) (b)



In million tonnes















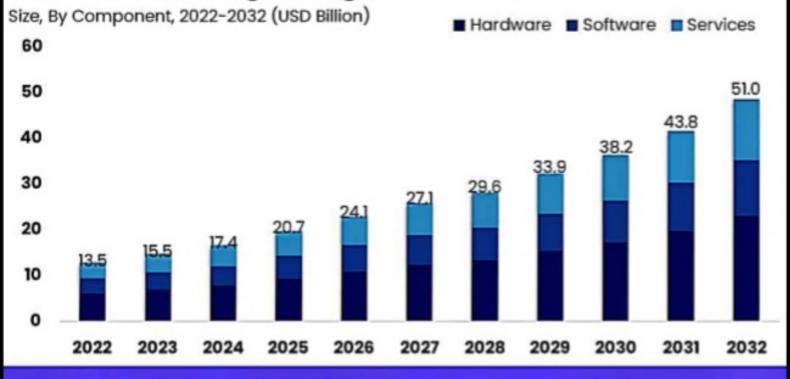








Internet Of Things In Agriculture Market



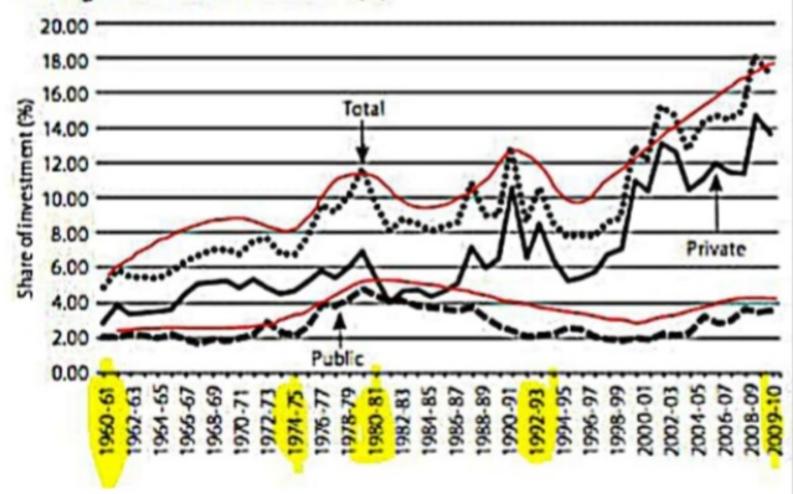
The Market will Grow
At the CAGR of:

14.6%

The forecasted market size for 2032 in USD:

\$51.0B W MarketResearch

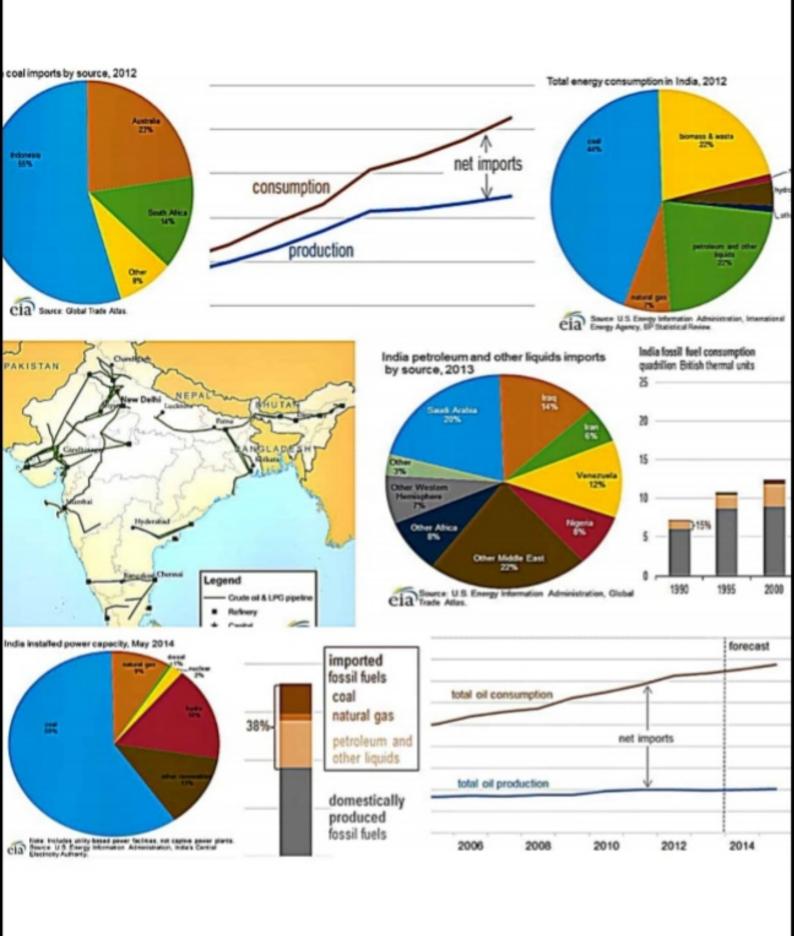
Figure 2: Gross Fixed Capital Formation in Agriculture as a Share of GDP-Agriculture at Current Prices (%)





INDIA'S AGRICULTURAL CROP PRODUCTION ANALYSIS (1997-2021)





Indian's agricultural crop projection analysis (1997-2021)

