

COMPANY PROFILE

2017

BKC WeatherSys Pvt. Ltd. New Delhi, India

Corporate Office: 109, 32/33, Kusal Bazar, Nehru Place, New Delhi, India
Project Office: H-135, Sector 63, Noida, Uttar Pradesh, India

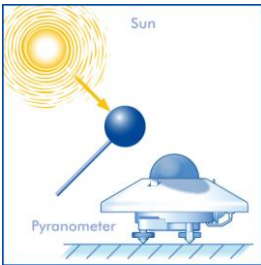
www.weathersysbkc.com

Introduction

- **BKC WeatherSys Pvt. Ltd.** (formerly known as BK Consimpex Pvt. Ltd.) is **one of India's first private sector meteorology and environmental technology companies.**
- Founded in 1989, BKC WeatherSys provides turn-key technology and service solutions for weather, power, aviation, agriculture and solar energy industries.
- Headquartered in a 30,000 sq. ft. facility in Noida, Uttar Pradesh, India, BKC WeatherSys employs ~50 engineers, meteorologists and support staff.

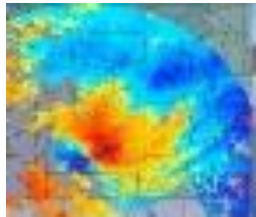


A 25 year old Knowledge-based Company



Instruments

- Turnkey installations & support of weather monitoring systems and devices including radars & satellite data reception systems, including devices for climate resilient agriculture



Software Development

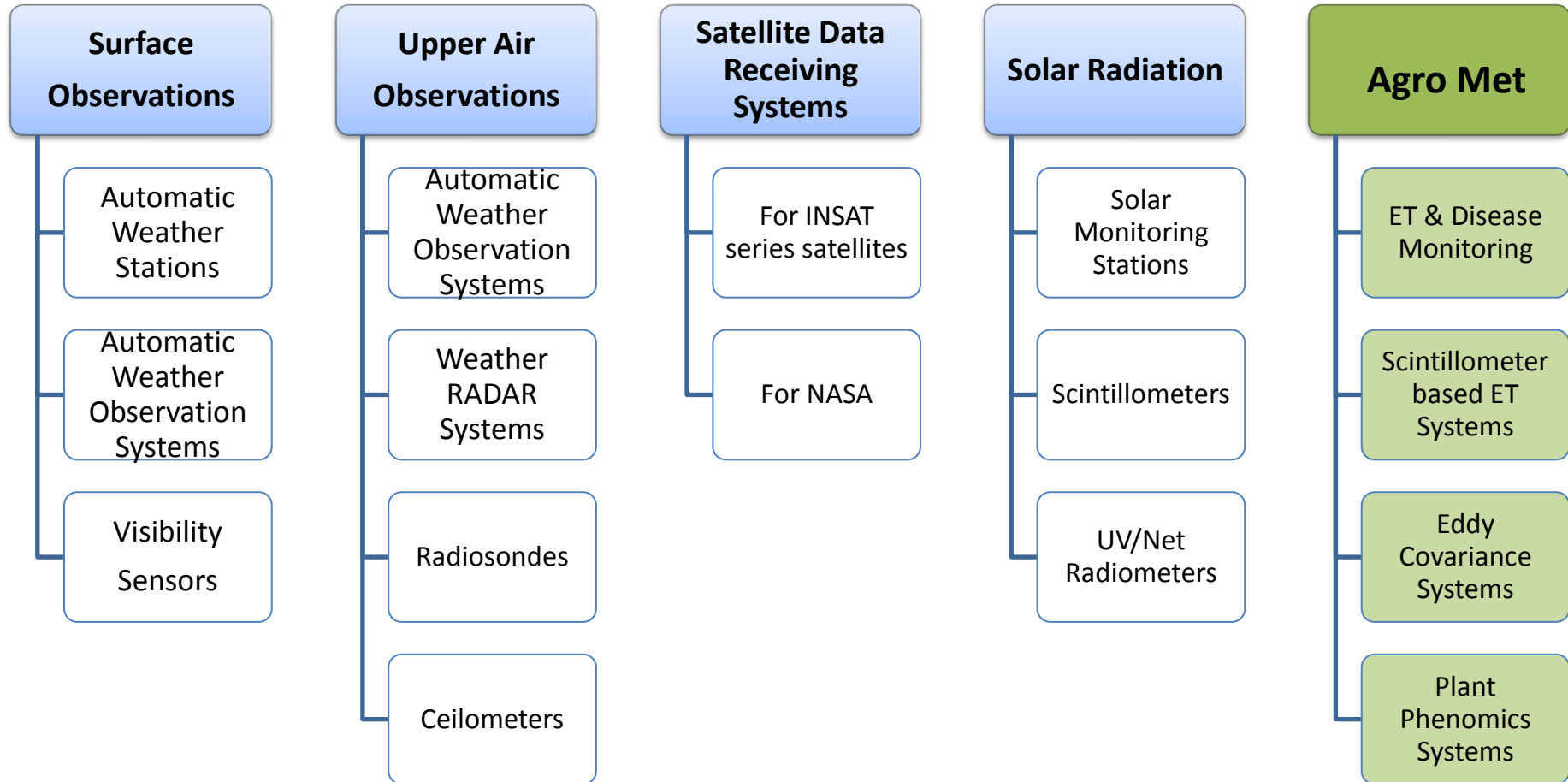
- Customized software for meteorology and development of systems for met data reception, analysis and visualization , including GIS Systems (IMD, IAF, Navy, DRDO)



Weather Forecasting: Aviation Solar Agro

- Customized Operational Weather Data to print, electronics and end users in Energy, Oil & Agro sectors. (Spun-off in 2011 as Skymet Pvt. Ltd).

Core Instrumentation Offerings



Core Software Offerings

***Software developed in-house at BKC**

metGIS

Forecasting Workstation

- Automated reception of satellite images and data from multiple sources, including models
- Advanced image processing and editing tools to generate forecasts for variety of applications
- Used by the Indian Air Force

MAUSAM

(AWS Integration)

- Integration and decoding of measured weather and atmospheric parameters from automated weather stations
- Rich visualization and analysis interface

Agro-Weather

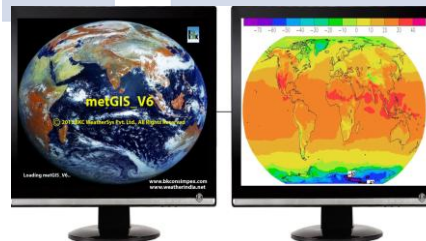
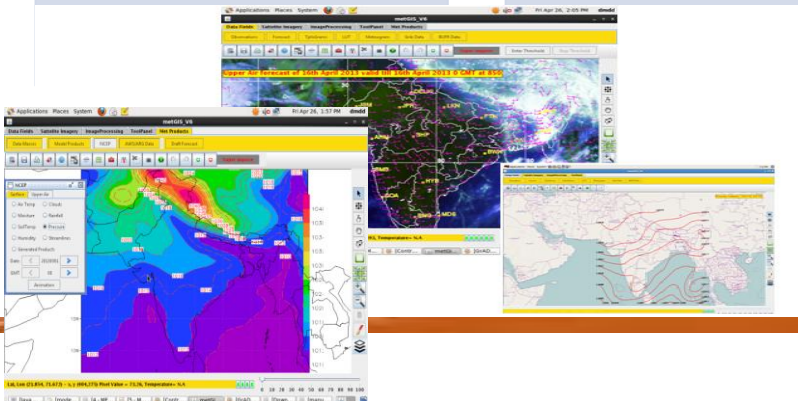
Real Time

- Automated crop weather (current and forecast) for all major commercial crops in India
- Real-time commodity market prices and market (mandi) arrivals information
- View demo on Weatherindia.net

Seismic Graph

Reader

- Software for digitizing seismic graphs.
- Searchable database generation that includes time points and curvature
- Pilot for Bhabha Atomic Research Centre



Technology Partners

(Exclusive partnerships for India)



Kipp & Zonen, B. V. The Netherland

Solar Radiation Measurement Instruments



MetOne/Climatronics, USA

AWS, Meteorological sensors



EEC, USA

Doppler Weather Radar Systems



NetSys International, South Africa

Message Switching Systems



Distromet Ltd., Switzerland

Disdrometers



Past Partners-Vaisala, Finland (8 years)

Gill Instruments, UK (5 years)

Solar: Solar Weather Monitoring Stations

Installed in over 120 sites across India (~600 MW)

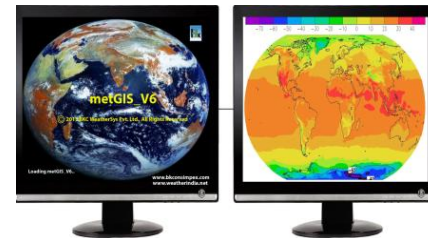
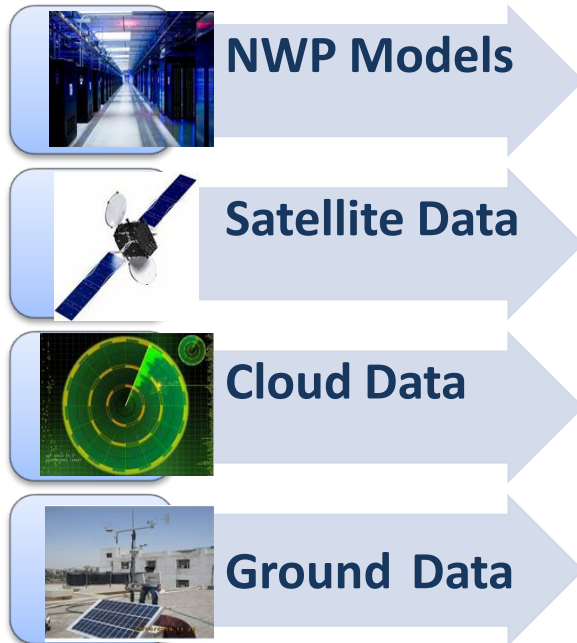
MNRE Compliant

WMO Standard

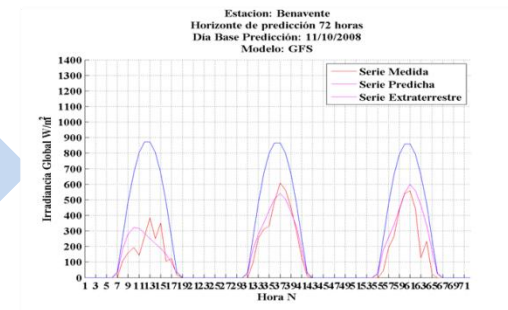
NIST Traceable



Solar Energy Forecasting & Scheduling: metGIS SOLAR



metGIS SOLAR



Solar Energy
Forecasts

- GIS-based
- First Developed for Indian Air Force in 2005

Agriculture: Weather-based Agro Advisories



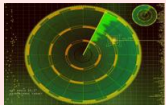
Satellite Data



Numerical
Weather Prediction



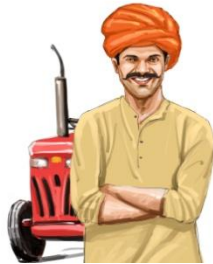
Field Conditions



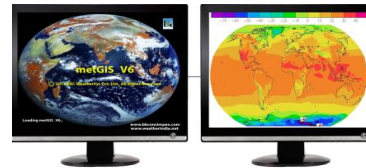
Radar Data



Ground
Measurements



Farmer
Information



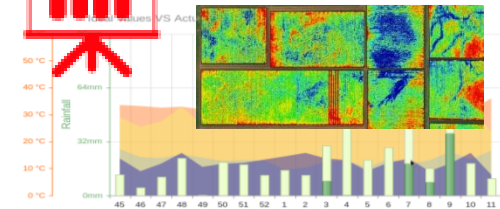
metGIS AGRO



ADVISORIES



CROP
ANALYTICS



Key Institutional Customers



**India
Meteorological
Department**



**Indian Institute of Tropical
Meteorology**



**National Aeronautics
and Space
Administration**



**National Oceanic and
Atmospheric Administration**



**Indian Space Research
Organization**



Indian Air Force



Indian Navy



Airports Authority of India



**Oil and Natural Gas
Corporation**



IIT Kanpur



IIT Bombay



IIT Delhi



NTPC



BHEL



IndianOil

Key Institutional Customers ...Contd.



IIT Roorkee



National Atmospheric
Research Laboratory



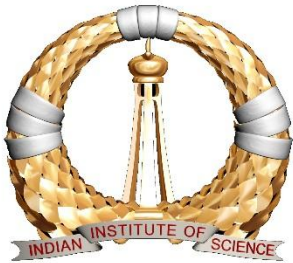
BITS Pilani



Thapar University



Bharat Heavy Electrical
Ltd.



Indian Institute of
Science



International Institute of
Information Technology, Hyderabad



Gandhigram Rural Institute



IIT Guwahati



NIT Hamirpur



National Thermal Power
Corporation Ltd.



International Centre for Integrated
Mountain Development



Visvesvaraya National Institute
of Technology Nagpur



The Energy and
Resources Institute

Key Corporate Customers



Visit <http://weathersysbkc.com/knowledge-center.html>

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Thank you!

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