




# Indian Space Programme and SDGs




**Weather Service**  
INSAT 3D/3DR  
96 images per day



**Cartography**  
Cartosat-2 Series  
0.65m PAN, 2m MX



**NR Mapping**  
RS Series (3Tier Imaging)  
6m/23m/56m MX



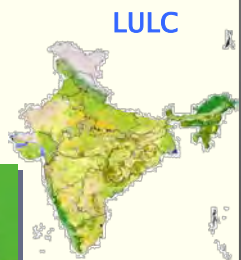
**P,N&T**  
GAGAN  
NavIC

**In Plan**







0.25m PAN + 1m MX, 1.25m PAN (STEREO) + 2.5m MX, 50 m MX (Daily), L & S-Band SAR

## Natural Resources Conservation

Natural Resources Census, PFZ Forecast, Areas for Crops' Expansion, Desertification and Land Degradation




LULC










## Health/Climate Change Induced Impact

Tele-medicine, Air Quality Forecast / Monitoring, NICES (53 Products including 13 ECVs)



TM Network

## Disaster Resilient Community

Infrastructure Planning, Disaster Management Support (EQ, LS, Flood, Cyclone, For. Fire, Drought)



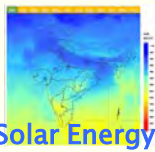
## Capacity Building

Tele-education, e-learning, Academic collaboration, Technology transfer to industries





## Renewable Energy

Solar, Wind, Wave & HEP Potential Estimation



Solar Energy



## International Cooperation

Joint Missions with Int. Space Agencies, South Asia Satellite, Data Support for International Charter, Bilateral/Multi-lateral Cooperation, COSPAS-SARSAT, CSSTE-AP



## Information Dissemination



Bhuvan





## Collaboration-Internalization-Institutionalization



**IMD**  
Weather Services



**MNCFC**  
Crop Services



**INCOIS**  
Ocean Services



**FSI**  
Mapping, Fire Alerts



**NDEM**  
DM Services