

Welcome

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January 2019



INDUSTRIAL
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UKSA and the space / EO agenda

UK Interests in the Atlantic

UK Interests in ESA



The UKSA EO Vision 2017-2040

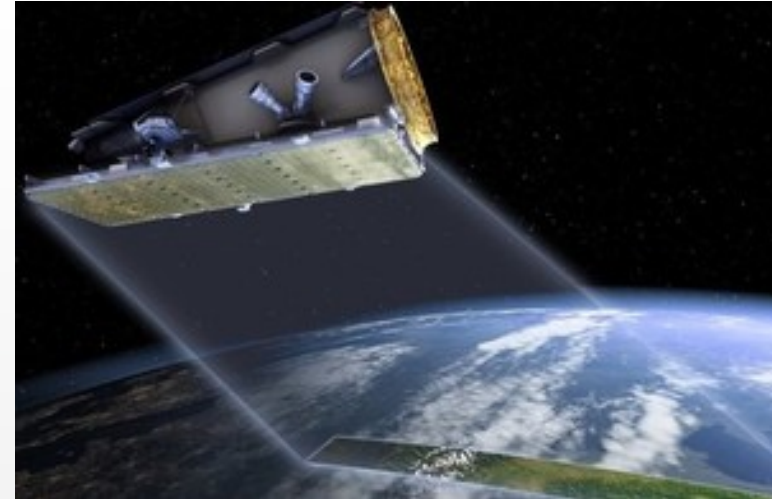
To ensure that the UK's participation in Earth observation is as strong as possible and that it is recognised for the role it can play in delivering a sustainable service based economy.

By 2040 satellite Earth Observations will provide the data underpinning mass market and business applications, global cutting edge science and policy and operational decision making.

Therefore ..we should exploit the fact the UK is the lead funder of EO in the European Space Agency to develop a broad and deep ecosystem of companies big and small dealing in the entire spectrum of earth observation issues from early research and technology development, through manufacture and launch, through the infrastructure and services needed to move, validate -share and interpret the data into a format suitable for use.

We should export EO skills and technologies worldwide, negotiate a new relationship with Copernicus and plug the emerging EO skills gap to fill the jobs that will be created in the UK.

- NovaSAR-1 will use a small low cost S Band Synthetic Aperture Radar (SAR) designed and built SSTL, Airbus and AIR supplied by Honeywell Aerospace.
- **Launched 16 September 2018 from India.**
- Will offer low cost remote imaging to global customers including CSIRO and ISRO.
- Commissioning of satellite platform and payload runs until March 2019; therefore data expected to be available from April 2019.
- **CEOS research projects can access NovaSAR data via a portal hosted by the Satellite Applications Catapult;**



Thank-you.

Enjoy the workshop!



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