



# Singapore mission UK Space Agency

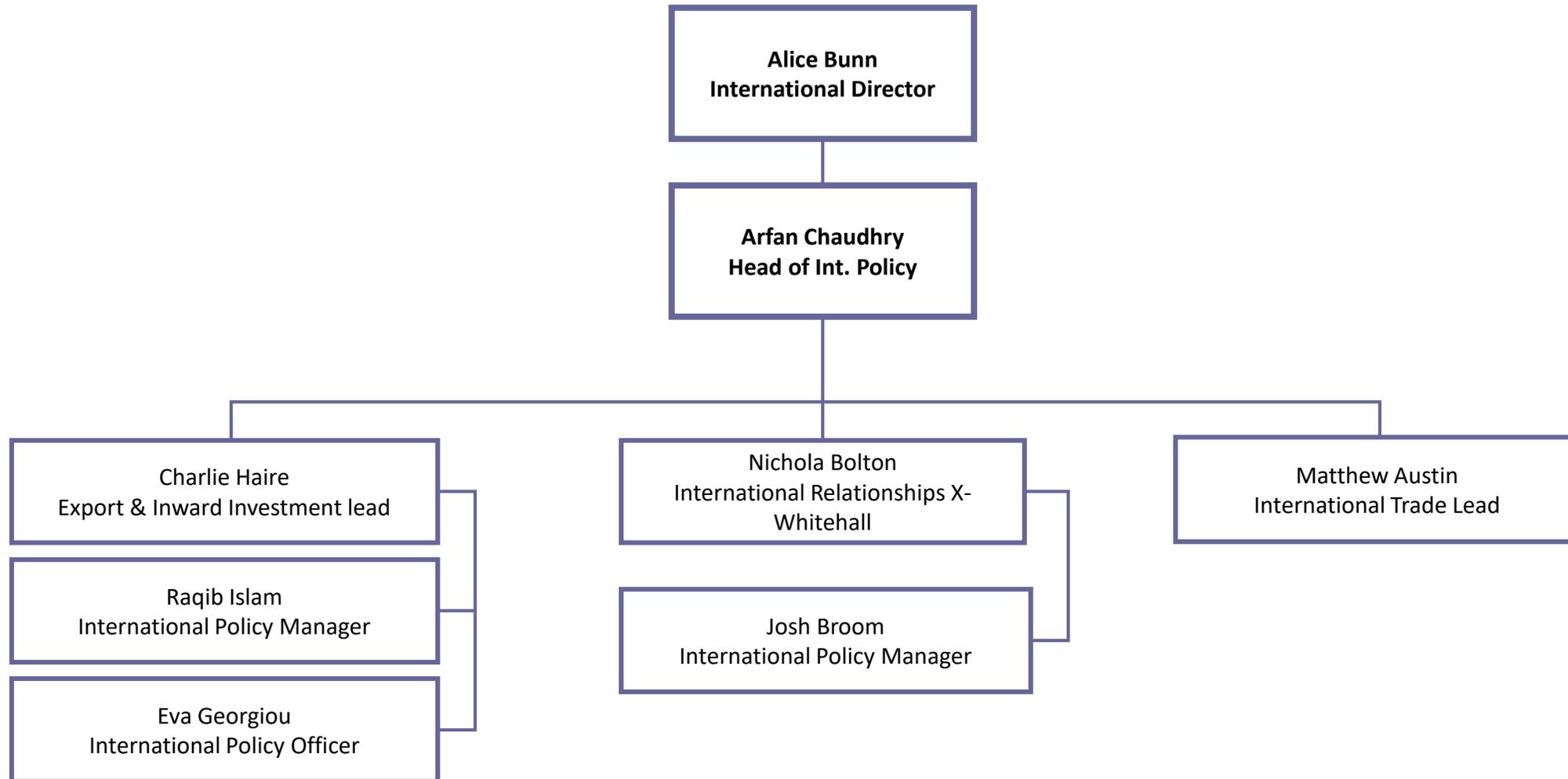
**Charlie Haire**

*Lead for Export and Investment*

*18<sup>th</sup> November 2019*



# International Policy Team, UKSA



# Singapore Mission Agenda 3-7 February 2020

<b>Mon 3<sup>rd</sup> Feb</b>	<b>Arrival Day</b>
<b>Tue 4<sup>th</sup> Feb</b>	Tech Tour supported by OSTIn - Office for Space Technology and Industry CQT – payload lab NUS – satellite development facility
<b>Wed 5<sup>th</sup> Feb</b>	UK Singapore Grand Challenge Workshop, Grand Hyatt UK Evening networking reception – location tbc
<b>Thu 6<sup>th</sup> Feb</b>	GSTC 2020 Grand Hyatt, Singapore UK Pavilion
<b>Fri 7<sup>th</sup> Feb</b>	GSTC 2020 Grand Hyatt, Singapore UK Pavilion

This 12th GSTC event will be held at Grand Hyatt, Singapore - 6th to 7th February 2020

## GSTC 2019 STATISTICS

Over  
**700**

PARTICIPANTS

**300**

COMPANIES

**61**

SPEAKERS

Over  
**30**

SPONSORS

# GSTC Key Topics

- Cybersecurity for Satcom Systems
- Global Satellite Industry Trends
- IoT in Space
- Smallsat Innovation
- Faster, Better, Cheaper of manufacturing space satellites
- Smart manufacturing solutions to address larger constellation requirements, and how geographic supply chain models could benefit industry.
- Satellite Life Extension Missions
- Space Debris
- Space Applications for Smart Cities
- Emerging Space Powers
- The role of Space in Urban Mobility
- Revolutionary Ideas for New Space Business Opportunities
- 3D Printing in Space
- New Missions, New Breakthroughs
- Quantum Key Distribution in Space
- Used Case Study of Satellite in Disaster Risk Management
- Artificial Intelligence to Create Value for Space

# Offer to UK delegates

*15 supported places available for this mission – application details to follow*

<b>Mission</b>	<ul style="list-style-type: none"><li>- <b>Tech Tour + transport</b></li><li>- <b>UK / Singapore workshop</b></li><li>- <b>UK / Singapore reception</b></li></ul>
<b>GSTC</b>	<ul style="list-style-type: none"><li>- <b>Inclusion in the UK pavilion</b></li><li>- <b>Conference tickets - \$790</b></li><li>- <b>Branding on UK Pavilion</b></li><li>- <b>Company and delegate info in the mission brochure</b></li><li>- <b>Accommodation for 5 nights</b></li></ul>



# Thank You for listening

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UK Space Conference 2019, Newport

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Space for disaster resilience in developing countries

Using space solutions to help solve environmental and societal challenges.



The UK government sees small sats as a UK strength in all aspects – it is investing across the value chain to support further growth and excellent science and academic endeavour.

Catherine Mealing-Jones  
Director, Growth



Our Chief Engineer

Could you help us  
new orbital systems



Any Questions?



UK aims to measure 'Marsquakes' for the first time as part of NASA's mission to study the interior of Mars.

Satellite technology can deliver innovative solutions to real world problems. The UK Space Agency, ESA and the Guatemalan authorities are working together to tackle illegal logging as part of the International Partnership Programme.



The UK and France agree to work closely on space projects, including the search for life on Mars.

"Thanks to this new funding, Spire will be able to commit to activities in the UK, develop new technologies and use space data to provide new services to consumers that will allow businesses to access space quicker and at a lower cost, offering an exciting opportunity for the UK to thrive in the commercial space age."



We are surveying the state of the commercial space sector.



We are ensuring the UK stays ahead of the competition with £99m for a National Satellite Testing Facility.



INNOVATION IS GREAT



The UK has a world-leading space sector, which has been involved in Galileo since the early 2000s, building roads, operating ground stations and developing the Galileo user community.



"As the Government has should begin work now on a national alternative to Galileo, our satellite positioning, timing needs are met in a timely manner."

"The UK Space Agency is lead this work and will use expertise from across the engineering and security sectors."

