



Asia-Pacific/UK Partnerships

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<http://www.bis.gov.uk/ukspaceagency>

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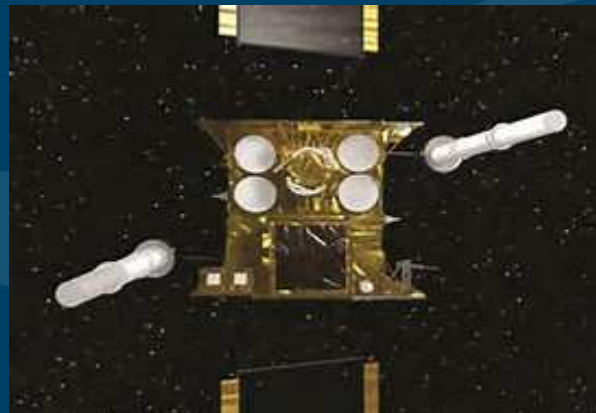
- 1. Asia-Pacific– A key **catalyst** for “Space”
- 2. Role of **Governments** and “Space”
- 3. **UK** and International Partnerships
- 4. **Asia-Pacific** Examples
- 5. **Future directions** for “Space” in Asia-Pacific

Space “Regimes”

VISIBLE



INVISIBLE



TRANSPARENT



Asia- Pacific – A Space Catalyst?



Climate Change



Sendai Framework



UN SDG



“Disaster Central”



Economic Powerhouse



People Pressures



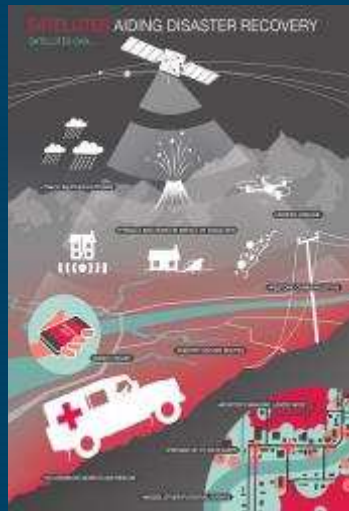
Space and Smarter Governments?



Agriculture



Humanitarian



Finance



Health



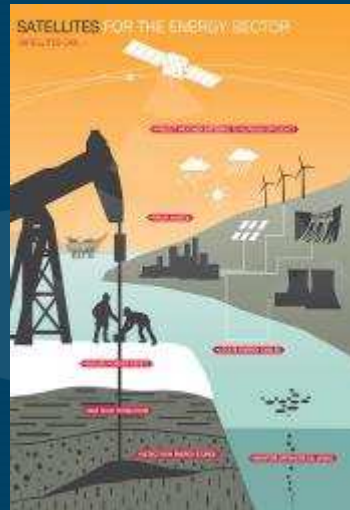
Transport



Cities



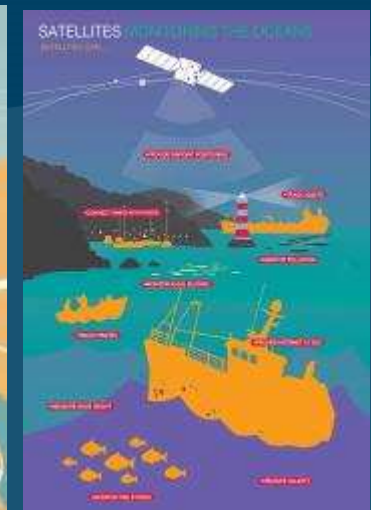
Environment



Energy

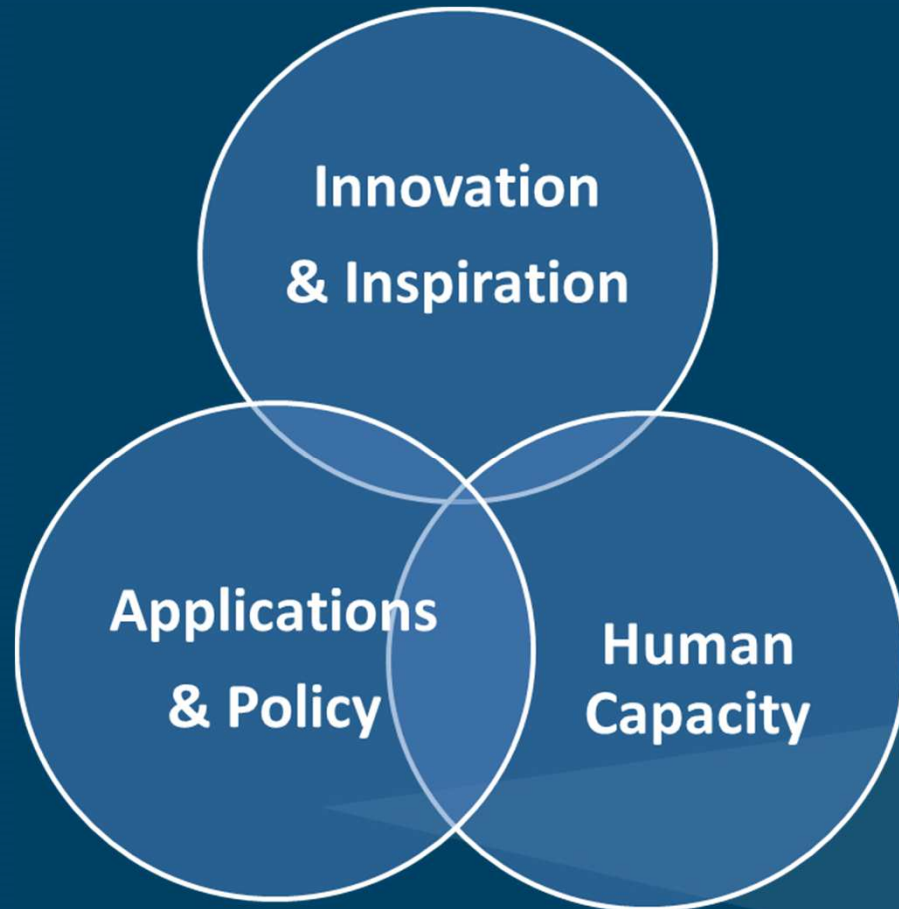


Planning



Oceans

UKSA - International Partnership Programme



- 2014-2020
- Approx \$40M p.a.
 - 2014/15
 - 2016/17
 - **Dec 2017 next selection**
- Satellite enabled solutions
- Over 50 projects supported today
- Focus on supporting emerging economies
 - DAC List
- **“Space for Smart Government”**

2016/17 Asia-Pacific IPP Projects

➤ Indonesia

- Sustainable Marine Economy (Comms)
- Forestry

➤ Malaysia

- Disaster Management (Flooding)
- Illegal Logging
- Marine Pollution

➤ Philippines

- Disaster Management (Comms)

➤ Vietnam

- Disaster Management Centre (Flooding)



Call 2017 (Dec)
53 bids received of
which 20 focus on
Asia-Pacific

Example: Malaysia EASOS

The National Defence University, ANGKASA and the National Disaster Management Agency (NADMA)

23 **Government** departments sought an **integrated dashboard** for rapid satellite-derived information as a **decision tool**

- Over last 20 years Malaysia has had 10 major floods...
- 2 Tonnes of oily waste is deposited daily into Malacca Straits...
- Since 2000 Malaysia has lost 15% of its forest cover...



Asia-Pacific – Routes Forward in “Space”?



- Asia-Pacific will become (the) **key users** of space systems and services
 - satcom, EO, meteorology and positioning
- The **downstream** services are predicted to be the focus for growth in space markets
 - Asia-Pacific might wish to focus on developing such activities
- The cost of space is being driven down by new business practices and **entrepreneurism**
 - Asia-Pacific can create new models for their “Space Economy” that fits the 21st Century not repeat those of the 20th Century.
- We all need to coordinate **space governance** through the UN

Thank You



- For more information on the UK International Partnership Programme contact:

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