

Space IGT

A 20 year vision and strategy for space sponsored by industry and government

Space IGT e-updates delivered by the
Space Special Interest Group



Space Special Interest Group (SIG) 23 October 2009

Dear Colleague,

Welcome to the fifth edition of the Space Innovation and Growth Team (IGT) newsletter. We are continually adding to our subscriber list, so if you have been forwarded this newsletter please register to join the distribution list by contacting melinda.witherow@aeroktn.co.uk.

PMO UPDATES

Skills Workshop 12 October 2009

Organised as part of WG4 and WG2's evidence gathering on skills and related issues in the Space sector. The event boasted a strong attendance with a wide range of participants including large and small employers, academia, unions, Government, skills councils, and other experts. Among observations highlighted, it was found that graduates entering the workforce lack the skills necessary to work, therefore the shortage in supply of skills will inhibit the expected growth of the sector if invention is not taken. More positively a number of initiatives were suggested to address this, from the wider support of sandwich courses and apprenticeships, closer working together of employers and education providers, through to raising awareness of the opportunities available (contact [Nicky Rich](#) for a comprehensive breakdown of the outputs of the workshop).

SME Conference: Shaping the Space Sector from the SME Perspective

The second SME consultation day took place in Glasgow this week on 21 October 2009. Delegates participated in three workshops and delivered a wide range of outcomes, discussed perspectives and views and engaged in the opportunity to network with fellow colleagues and associates. The PMO and the Space SIG would like to thank all those who attended both seminars and will be utilising the outcomes gathered to write the recommendations for the UK Space Strategy in December 2009.

Visit the [Space SIG website](#) to download the highlights which focused around:

1. Emerging Space IGT Recommendations
2. Market Status
3. Soap Box (Issues, opportunities, barriers)

WORKGROUP UPDATES

Markets (WG1) *Project managed by [John Hanley](#).* The future market opportunities in the areas of Space Science, Space Exploration, Autonomy and Robotics, Satellite Telecoms, Earth Observation and Monitoring, Intelligent Future Transport and Consumer Services, Security and Defence and Access to Space have been further detailed by the workgroup over the last two weeks. Evidence gathering in these areas will continue in the coming weeks, as the group identifies common aspects that impact on multiple market areas.

Capabilities (WG2) *Project managed by [Nick Chesher](#).* The three sub groups Science, Commercial and Security are continuing to prepare their view of the Technology Capability and Facility landscape under key theme headings. SME recommendations made during the SME Conference in London and Glasgow will be fed into the ongoing group activities. Furthermore, an outline of roadmapping structure has been

created and roadmap activity has commenced.

Policy (WG3) *Project managed by [Matt O'Donnell](#).* The group are working on comparing the current policy perspectives with those of other space nations, while understanding the differences in regards to regulation and management of resources, such as spectrum.

Awareness (WG4) *Project managed by [Nicky Rich](#).* The Skills Workshop occurred on 12 October 2009 including a well attended audience of large and small employers, academia, unions, Government, skills councils, and other skills experts. The study on how the space sector is communicating is proving fascinating and the group are welcoming more contributions. If you are able to contribute, please contact nicky.rich@logica.com.

Finance (WG5) *Project managed by [Nick Cox](#).* The group began to finalise the collation of case studies and group members reviewed work incorporated in the outline report framework. Furthermore, a number of new issues are burgeoning from the group's endeavours. Issues such as the innovative Belgian model for tax treatment of equity investment, this is based on a non-listed, closed-end special purpose vehicle for venture capital and is subject to an indirect tax transparent tax regime. Timescales will preclude detailed research into space finance markets, however inputs from group members will allow an adequate summary. To the future, group members will continue to co-operate and work with markets and policy groups on mutual and auxiliary issues.

COMING UP

Space IGT Events and Meetings

26 October 2009 – ESB Meeting in London

(Invitation only)

Space Applications into the media

If you have a good story to tell regarding how space applications and / or technology are being used in every day life then the PMO want to hear from you. Contact [Melinda Witherow](#) for further direction.

Space Related Events

28 & 29 October 2009 – Innovate Scotland at Aviemore Highland Resort, Scotland

(For more info visit: www.innovatescotland.co.uk)

26 – 29 October 2009 – CEAS Conference in Manchester

There will be a number of speakers from across the Space IGT attending as well as the Space SIG

26 October 2009 – EISC (European Interparliamentary Space Conference) in London

(Andy Green will be speaking, for more info visit: <http://www.eisc-europa.eu>).

Space Special Interest Group News

➤ **New Approaches to Crop Protection**

Initiative brought to you by the Technology Strategy Board, aiming to help meet new and existing EU regulations on the approval and use of pesticides and development of crop protection technologies.

[Download the flyer](#) for more information.

➤ **The CubeSat Challenge**

Initiative brought to you by Instrumentation & Payloads SIG focusing on innovation in two main areas including instrumentation for space science, space exploration, Earth observation, remote sensing and sensor systems in associated terrestrial systems; and space payloads including telecommunications and navigation systems.

[Download the flyer](#) for more information

➤ **FP7 Space Partner Search**

This particular communiqué offers a partnership opportunity for a UK company with a Swiss University.

[Download the flyer](#) for more information

➤ **TechDemoSat**

A proposal has emerged to present the investment case for the TechDemoSat small satellite mission, which hopes to provide an-orbit test facility for UK Space partners, and a stepping stone towards a national operational earth-observation capability which will in due course supply data to the ESA

Integrated Applications facility at Harwell. For further information please contact [Space SIG](#).

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