



SCENS
&
Task Force on Space

Washington DC
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SCENS - Background



- SCENS – The Knowledge Network for Space
- SCENS – **S**atellite **C**ommunication, **E**arth observation, **N**avigation and **S**cience
- UK Regional Development Agencies and National Authorities recognise the value in Industry / Knowledge Base Collaboration
- The Aerospace Sector in UK is dominated by non-Space
- Numerous regional and national initiatives in other sectors, including Aerospace
- Clear need for a new “Space Focus”

SCENS – THE SEEDA Knowledge Network for Space

SCENS - Status



- Pilot phase through 2008
- Approaching 100 member organisations
- Launch of operational SCENS – May 2009
- SCENS – **S**atellite **C**ommunication, **E**arth observation, **N**avigation and **S**cience
- Key priorities
 - To establish a forum for exchange of knowledge concerning technology and applications in the Space sector
 - Encourage cooperation across the space sector and with related sectors
 - Identify collaborative R&D and other funding opportunities
 - Develop links with other initiatives in UK, Europe and Internationally

SCENS – Working with others



- Other UK Networks
 - MARVIN (autonomous vehicles)
 - SIKTN (Sensors and Instrumentation Knowledge Transfer Network)
 - Digital Media
 - Aerospace KTN
- Other Regional Organisation
 - AsTech (France)
 - Top Strategies (Belgium)
 - Mercator Park (Germany)
- National, European and International
 - European Space Agency, European Commission, International Commercial Organisations, Space Authorities and Academia

SCENS Key Issues



- Good participation
 - Need to bring more Industry and Knowledge Base on board
- Now benefits from
 - Longevity, Continuity, Increased resources
- Priority is *funded* R&D opportunities (rather than self funded)
 - National – TSB, BNSC and other opportunities
 - European – EC FP7, ESA programmes
 - International Collaboration
- Need to position the KN over the next 2 years as a key link between
 - SMEs/larger industry
 - Other UK, European and International Networks
 - UK and other Government Departments

It's about generating funded R&D Opportunities for its members

Task Force



- SEEDA Task Force on Space
 - UK Government Invited SEEDA to Organise and Chair an RDA Task Force on Space
 - Consider the Role of RDA's in Space Sector
 - Consider Wider Strategy for Development of the Sector
 - To Report to Lord Drayson (May 2009)
 - Potential follow on Task Force Phase 2
 - Input to a Space Innovation & Growth Team (Space IGT)
 - Input to Benefits of a Establishing a UK Space Agency

Task Force - Conclusions

- Space Industry in UK needs a new focus
 - UK/ESA/SEEDA Harwell Facility – a Key Initiative
 - Clear focus on
 - Robotics, Climate and, Integrated Applications
 - Colocation / Relocation opportunities at Harwell
- UK Space IGT – New Industry/Government Initiative
 - Innovation and Growth Team comprising Industry and Government
 - Aiming to significantly increase UK market share in Space
 - Regional Capability / Capability Gap analysis
 - Aiming to maximise regional benefits
 - RDA involvement
 - Optimising support UK Companies
- Consider Wider Strategy for Development of the Sector
 - UK Space Agency – Public Consultation Planned

To Report to Government (Lord Drayson) May 2009

Discussion / Questions