



Agency Highlights - UK Space Agency

CEOS WGClimate

February 2013

General comments

- ESA remains the major delivery partner; increased budget agreed at C-MIN
- National programme forming to:
 - Deliver Space Innovation and Growth Strategy
 - Integrate/coordinate national facilities and build new capability (e.g. CEMS)
 - Improve coordination between scientific, operational and commercial communities
 - Encourage innovation and ‘learn by doing’
- Harwell Space Cluster the critical focus for action

Innovation, Innovation, Innovation

Space Innovation and Growth Strategy

— Leadership in Climate Technologies and Services

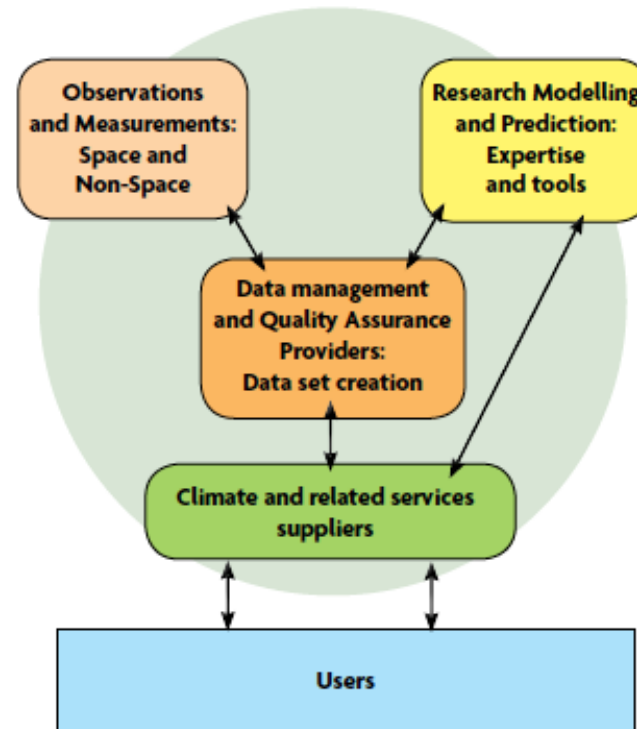


Figure 1: The Supply Chain for Climate and Related Services

Key IGS Recommendations

Recommendations

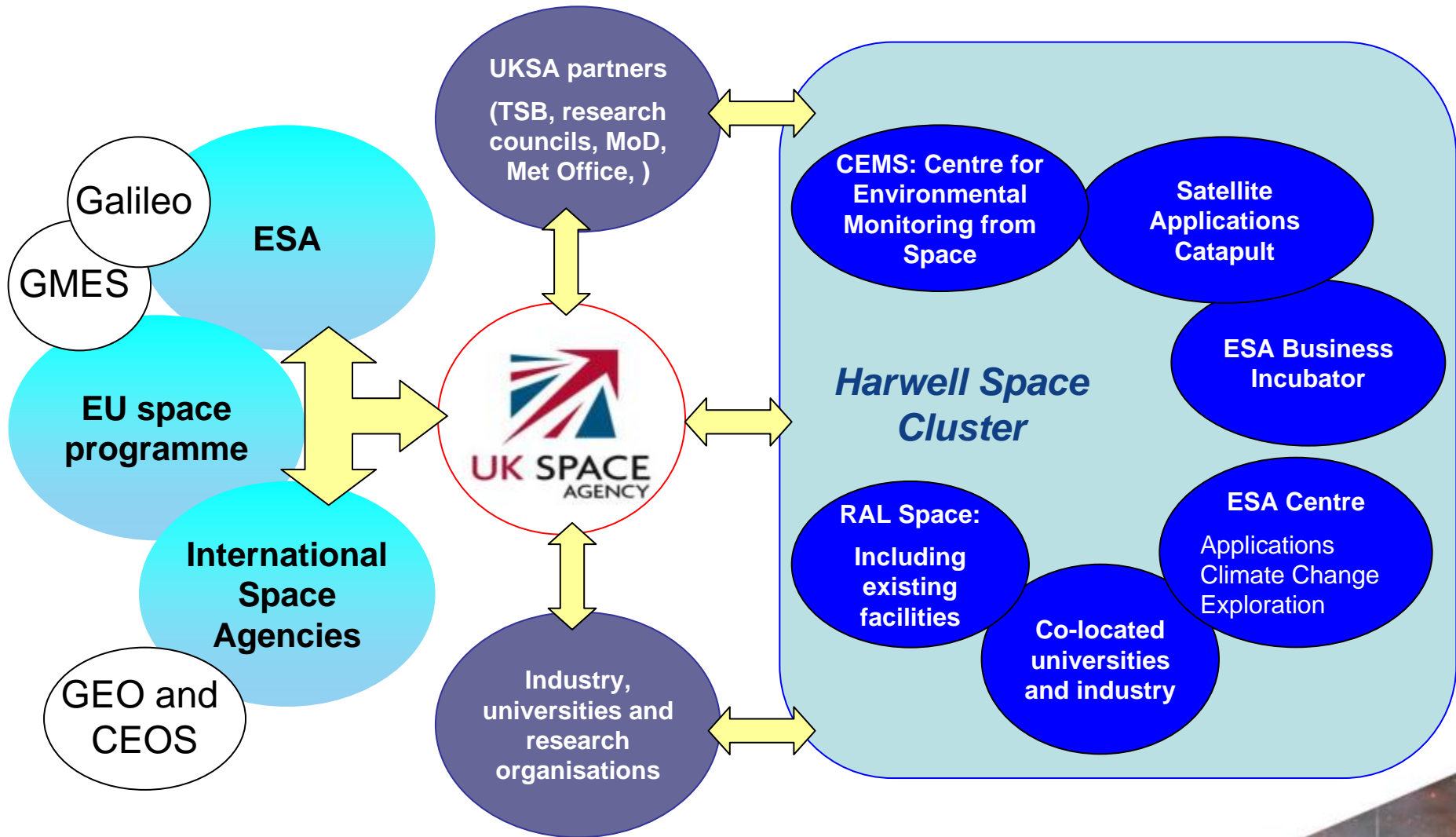
1. The UK should act quickly to develop operational climate-related information services using satellite (and other) observations and measurement data.
2. The UK should establish a seamless supply chain for these services.

To take a leading role in the actions needed to underpin the above the UK should:

3. Initiate work nationally aimed at ensuring the integrity of satellite observations, measurement data and derived information products;
4. Work with other stakeholders internationally to ensure the continuity and evolution of required satellite observations;
5. Play a leading role internationally to link UK national activities to the efforts of European (and other international) partners and programmes.



Harwell and the wider UK space sector



USP



HOSTED ENVIRONMENTS

(Hosted storage and compute capability using the latest cloud technologies and capabilities)



CROSS-DISCIPLINARY USER COMMUNITIES

(Science, Commercial, Public Sector)



BIG DATA

(large volume of community data on the state of our planet & climate from EO sensors, Sentinel missions, models, ...)



SERVICES

(Apps, Data Exploitation and Integrity Tools, scientific and technical consultancy/expertise)

16 projects
underway

Thank you!

andy.shaw@nceo.ac.uk

