

SPACE4CLIMATE

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Background

Motivation

“The UK should act quickly to develop operational climate-related information services including satellite data. The UK should establish a seamless supply chain for these services...”

Space Innovation and Growth Strategy

Response

“Climate data from space stakeholder group” (now called Space4Climate) initiated in 2014 by UKSA and NCEO to develop a shared vision for the UK around climate data from space, and building links between experts in data, infrastructure, science and applications

“There are other satellite data groups around but focus on climate data is unique”

“There is no other forum with all the seamless supply chain stakeholders around the same table”



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Achievements 2014 - 2017

Several concrete outputs, including:

- Demonstrable input to European landscape – e.g. coordinated input to ESA CCI consultation phase – UK now the leading participant to this key ESA programme at €23M
- Significant UK presence in the Copernicus Climate Change Service (C3S):
 - Leading the Climate Data Store totalling €2.0M
 - Leading 4 out of the 7 market focused prototype services in Agriculture, Insurance, Water & Energy totalling €4.7M
 - Service provision of 4 out of the 9 ECV data streams (leading 1)
- UKSA funded Climate Data from Space Zone at Harwell, providing community data provision for climate data processing, totalling £500k

.....plus community position papers, demonstration services and requirements gathering, market analysis, coordinated sectoral engagement and more



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Vision and Next Steps

More to be done to stimulate the market for services:

- Enable a seamless supply chain for climate data from space to support climate services
- Step up engagement with the downstream market sectors and non-space climate stakeholder groups
- Training and engagement to bridge gaps in awareness, understanding and expertise between stakeholders

Community recognised need for a *role* rather than a *project* to drive this forwards

- Funding committed from a group of stakeholders for next 2 years
- Recruitment process complete and offer accepted!

Training course plug: A climate data demonstrator in a day – June 23rd in Reading

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