

# Downstream UK Capabilities

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# What exists?

- The UK has an ecosystem of small to large companies and academic / governmental institutions working on downstream activities.
- Expertise ranges from developing the underpinning computing infrastructure to new Earth Observation (EO) products and services, with relevant ESA contracts having already been won.
- Some organisations have specific polar EO expertise with a broader range having valuable inputs as the polar regions represent a geographical area with both unique operating conditions and significant interest.



# What can be offered?

Infrastructure expertise  
for collaborative  
platforms

Expertise in  
working in polar  
environments

Combination of EO  
and modelling  
expertise

Specific instrument  
expertise e.g.  
Cryosat

Searching and  
data analytics  
tools

Application expertise for  
marine and cryospheric  
environments

Developing  
operational workflows  
/ robust services



# What should happen?

- A list of needs / wants from those working in and researching polar environments.
- Making links to international initiatives.
- A mapping of UK expertise and interest to allow those leading bids / tenders to more easily identify UK partners.
- Targeted funding focused on developing polar related EO products and services, which are relevant to UK stakeholders, e.g. include within International Partnerships Programme?



**Thank  
You**

