

# Candidate Use Cases

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# Current Use Cases

- Proof of concepts successfully deployed across multiple suppliers
- Significant investment from both flagship institutions and suppliers during proof of concepts deployments
- Moving forward towards production environments

# Selection Criteria

- Significant potential contribution to scientific research
- High impact area with public interest implications
- Significant computing requirements with potential real gains from using cloud platforms
- European aspect/involvement of proposed flagship

# Building on Success

# Candidate Flagships

- Ready to bring on board new use cases
- Large volume of applications of high quality
- Three candidate use cases presented for the first time today

# PIC

- Port d'Informació Científica
- PIC Neuroimaging Center on Cloud (PICNICC)
- Port image processing platform to cloud offering faster turnaround times to end users

- European Center for Medium Range Weather Forecasts
- Weather Data Information Supersite (WDIS)
- Leveraging cloud to bring processing to the data

- United Nations Educational, Scientific and Cultural Organisation (Intergovernmental Oceanographic Commission)
- Ocean and Coastal Information Supersite (OCIS)
- Transforming data into value added products/ services



# Next Steps

- In-depth dialogue
- Utilise requirements gathering frameworks developed through Helix Nebula EC2 supported activities
- Closer engagement and planning
- New Pilot Deployment environments: starting July 2013

