



## Risk Management - Aerospace

**SEA has established a consortium involving the Rutherford Appleton Laboratory (RAL) and Sula Systems Ltd for the development of a Broadband Radiometer (BBR) for the EarthCARE satellite.**

BBR is a passive optical instrument that monitors the total radiation from the Earth over a wide range of frequencies 0.2-50 $\mu$ m. As part of this project SEA carries out a comprehensive, ongoing and regularly reviewed Risk management process. The process captures each risk as it is identified, allocates an owner and:

- Categorises its likely occurrence;
- Categorises its impact on cost, programme or performance;
- Allocates a risk contingency fund;
- Develops a countermeasure / mitigation plan;
- Identifies a risk retirement date

Typically the risk profile of a project such as BBR includes instrument performance issues, extends to parts availability, ITAR issues, bespoke test facilities and equipment availability, support issues and programme issues.