



CEOI Technology Programme

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19th September 2012

CEOI Technology Programme

- A key objective of the CEOI is to position UK consortia for flight opportunities on national and international space missions.
- This is achieved by funding science-driven instrumentation projects from teams led by UK Principal Investigators that exploit UK technological capability in industry and academia from both the space and non-space sectors.
- Projects support the development of new EO instrumentation, technologies and mission concepts.
- Successful projects are those that attract associated leverage funding and pull through into bilateral or international flight development programmes,



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- Open calls have been held on approximately a yearly cycle.
- Responses are requested as:
 - Seed corn Low TRL innovative ideas (Maximum grant £50K)
 - Main stream TRL raising incremental developments
- Mix of industry and academic partners preferred
 - although seed corn/mission studies are considered with single bidders
- PV is required (variable on the type of project and partner status)
- Proposal evaluations are undertaken by an peer panel review
 - Strict impartiality of the CEOI management team and reviewers is maintained throughout

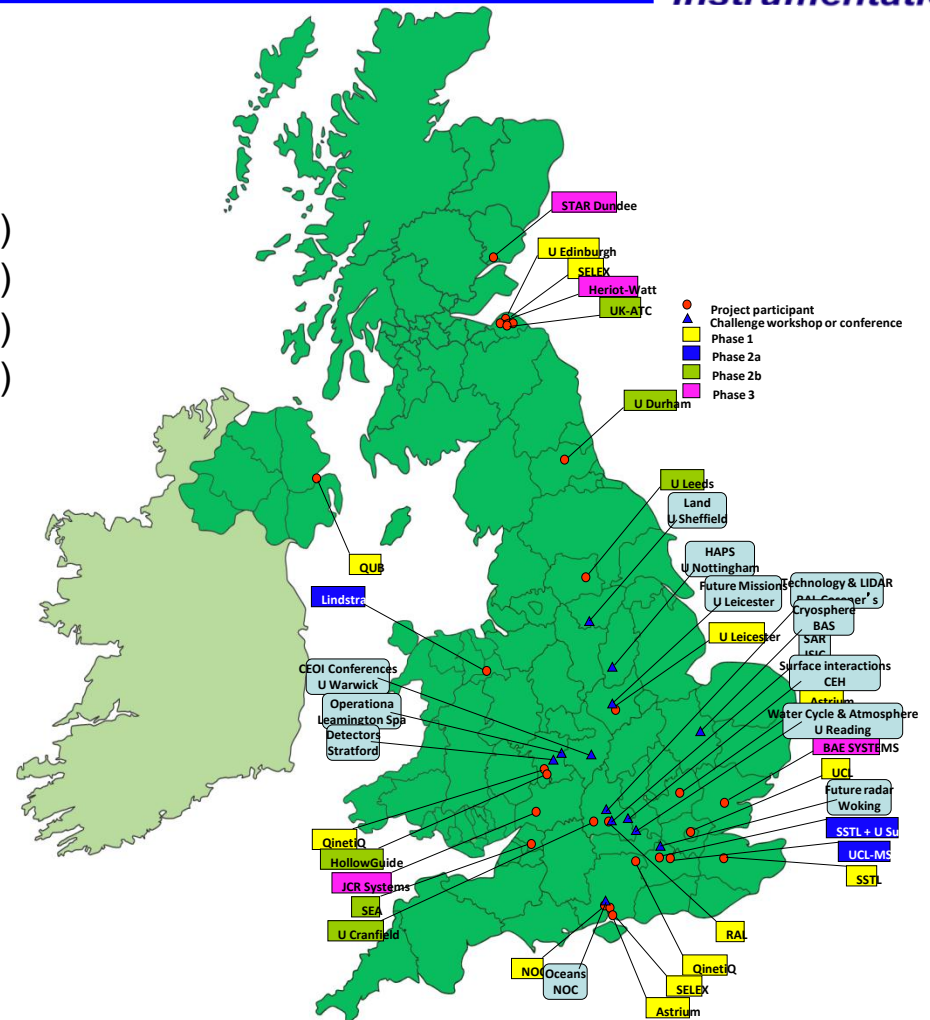


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Throughout its lifetime CEOI has funded over 40 projects:

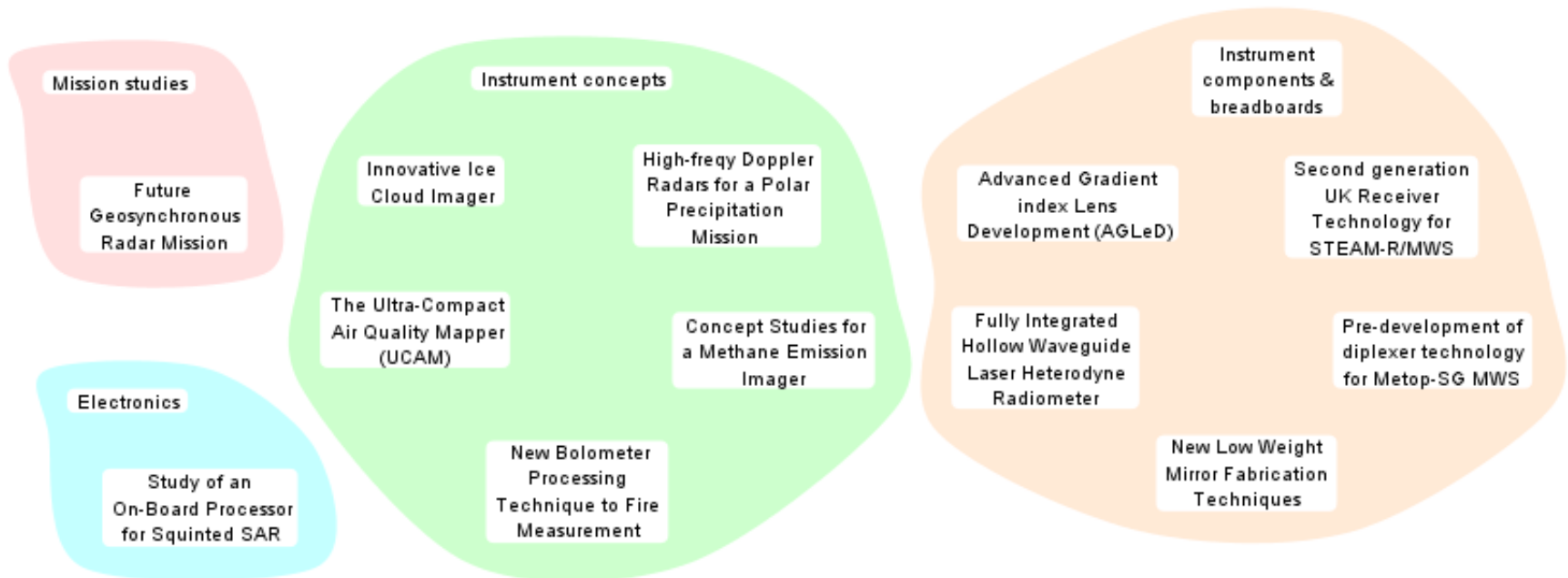
- Phase 1 7 projects (4 main stream)
- Phase 2a 8 projects (3 main stream)
- Phase 2b 8 projects (2 main stream)
- Phase 3a 8 projects (2 main stream)
- Phase 3b 12 projects (1 main stream)

Engaging with organisations spread across the UK and NI



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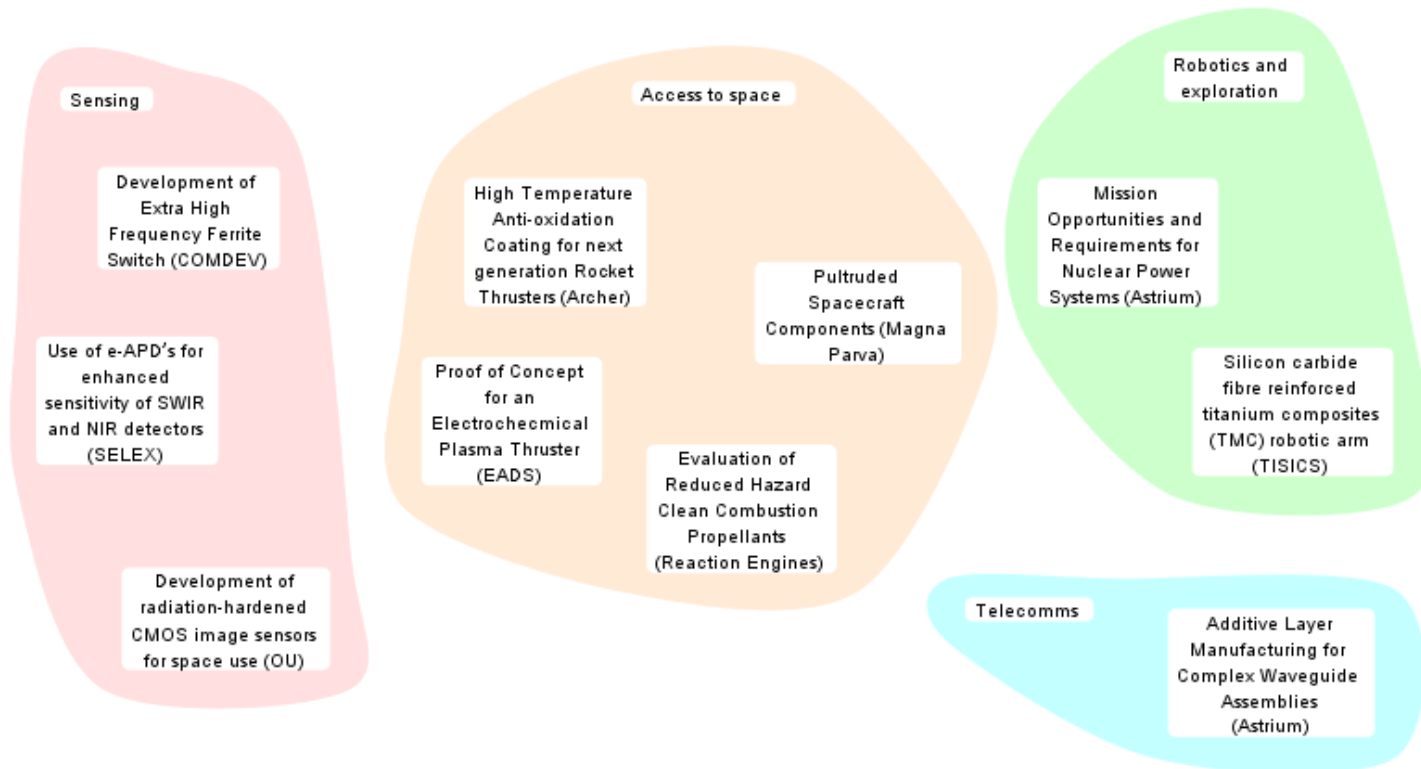
CEOI 5th Open Call: Current Phase 3b projects
12 projects selected:



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CEOI are running the first NSTP Future Technology Pathfinder Programme

10 projects selected from those submitted against 4 domains:



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CEOI/NCEO Joint Project: TRUTHS

- Separate activity – originated after meeting with NCEO 12 months ago
- Desire is to establish an environmental climate benchmark data set that will unequivocally detect climate change and constrain/test climate forecast models
- Traceable accuracy – back to international standards
- Highly commended in recent ESA EE8 call
- In this project NPL will develop possible mission concepts

Future missions Open Call

- New call for proposals for small studies to prepare new mission concepts, EO instruments or critical EO technology for future national, European or international missions
- Gives UK PI's an opportunity to improve their concepts and improve the quality of PI proposal submitted to ESA
- Expect to fund 3 or 4, four month, studies; closing date 28 September 2012

