

# IRIOS-2

INTEGRATED RESEARCH INPUT AND OUTPUT SYSTEM

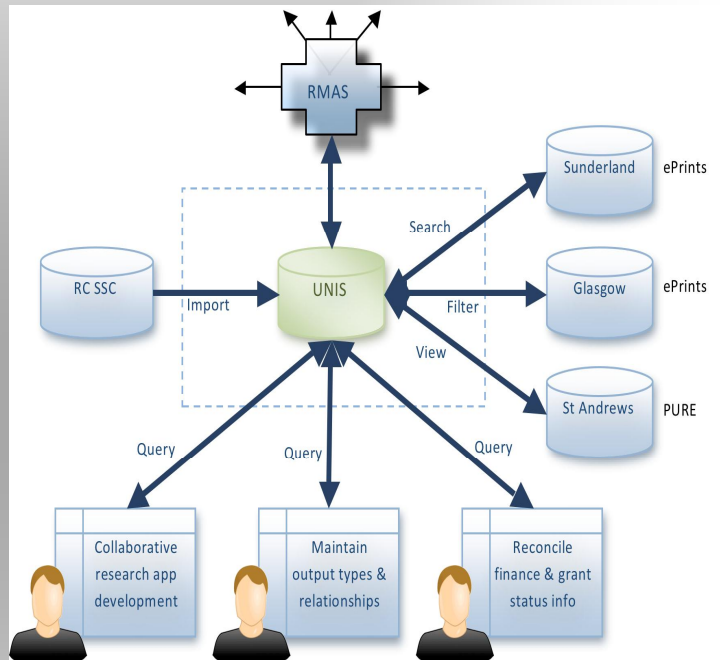
## OVERVIEW OF IRIOS

The IRIOS (Integrated Research Input and Output System) project aimed to “expand the community education institutions [HEIs] and organisations which are using the CERIF standard”. Within this project we utilised an existing platform for collaborative engagement with the local business community, the Universities for the North East Information System (UNIS).

The project developed a proof-of-concept demonstrator, which allowed for the support of import and export of Research Council (RC) data into a CERIF format, which allowed for linkage between research grant information and publications. Filtering allows subsets of the data to be selected and exported in CERIF for use by third party applications such as Pure and Converis. IRIOS uses the UNIS system as a base.

## IRIOS-2 Aims

- “ **Extend IRIOS** so that the platform encompasses all of the relevant output types, which include non-text based outputs such as sculptures. Further to this, IRIOS will be extended to handle more complex relationships such as editor, reviewer and where multi-author papers are linked to grants.
- “ Be a **CERIF B2B platform** to enable HEIs to identify partners for joint activities. Improving visibility of research activities will encourage research partnership formation, which will in turn improve the drawdown of resources from funding streams such as EU framework programmes. This will also provide a transparency of non-confidential research information, providing a unique resource of linked research project and publication information in one place.
- “ Support the **reconciliation of grant status and finance information** between Research Councils and universities, which will help reduce time spent on correcting discrepancies that exist in financial records between the RCs and the HEIs.
- “ Be **RMAS compliant** – a cloud enabled instance of the IRIOS-2 platform will be made available for the project partners and extended user group. We will develop a Enterprise Service Bus connector such that the CERIF data in IRIOS-2 can be shared with other RMAS compliant modules in a bidirectional manner. This means that the 29 HEIs that have been involved in the RMAS user requirements will be able to take advantage of the IRIOS-2 system as soon as they start their RMAS procurements. This part of IRIOS-2 will be facilitated by the fact that Sunderland is one of the three RMAS pathfinder institutions.
- “ Run **CERIF technical and business process workshops** which will allow the consortium to share both expertise and experience in using CERIF and developing CERIF compliant systems.



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## Summary

What is needed is for the RCs and HEIs to be able to collaboratively maintain grant records at the HEIs, and for HEIs to collaborate at a finer-grained level in research funding applications; a business-to-business platform supporting the maintenance and exchange of grant and output information.

The IRIOS proof-of-concept demonstrator fundamentally provides most of this functionality, however some adaptation will better support a wider range of outputs. IRIOS-2 will work closely with the CERIF In Action (CIA) project (led by St Andrews) to ensure consistency of approach and to remove duplication of effort across the sector



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