

What is the EUCG?

Nina Hatch
EUCG co-ordinator

The logo features a blue funnel shape with a starry pattern inside, tapering to a point. To its right, the word "Euclid" is written in a large, blue, lowercase serif font, and "consortium" is written below it in a smaller, blue, lowercase sans-serif font.

Euclid
consortium



Science & Technology
Facilities Council

Contact:

eucg-uk-project-admin@euclid-projects.org or
<https://eucliduk.net/eucliduk-coordination-group/>

Background

- At the 2019 and 2020 Euclid:UK meetings, the Euclid:UK Strategy Group decided it was time to provide a broader representation of Euclid issues beyond the original UKSA funding. The new group is called the Euclid:UK Coordination Group (EUCG).
- Recruitment to the EUCG was organised by an adhoc panel made up of:
 - Mark Cropper (EST member and VIS PI)
 - Isobel Hook (ECB representative)
 - Bob Nichol (ECB representative)
 - John Peacock (ECEB deputy chair)
 - Andy Taylor (SGS UK PI)
- The new EUCG was formed in July, 2021.

Membership will be elected every 2 years from the Euclid UK community at the annual Euclid UK meeting.

The EUCG were provided with a Term of Reference to guide our remit. [See Euclid:UK webpage.](#)

The EUCG is a body tasked with **coordinating** and **enabling** the Euclid UK Community to maximise access, use and exploitation of Euclid data.

The EUCG is **not** a formal Management Board for Euclid UK since any member of the Euclid Consortium within the UK can independently access Euclid data and work on Euclid Science Projects.

It is in the Euclid UK Community's interest to create such a body, given the complexity of the Euclid project and data access

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Who we are

Nina Hatch (Group Coordinator)
University of Nottingham
SWG Clusters of galaxies, leading the work
package on the 'Astrophysics of Clusters'
(Legacy Science)



Sotiria Fotopoulou
University of Bristol
OU-PHZ; leading Classification working group
SWG-GAE; leading AGN work package



Alex Hall
University of Edinburgh
WL SWG, leading Estimators WP and Weak
Lensing Estimators KP



Chris Conselice
U. of Manchester
SWG LU, Euclid Lead Legacy Scientist



Tom Kitching
University College London
WL SWG coordinator, and Science Lead



Daniel Mortlock
Imperial College London (& Stockholm)
Co-lead of the QSOs WP in PU-SWG



Our remit, our goals, our aim

The EUCG:

- will be responsible for initiating and maintaining an online access point and information for Euclid UK members.
- will interface with funding agencies to maximise support for researchers.
- will coordinate UK HPC and HTC Computing activity.

Example of such coordination is the white paper about Euclid that the EUCG submitted to the AAP.

Our aims:

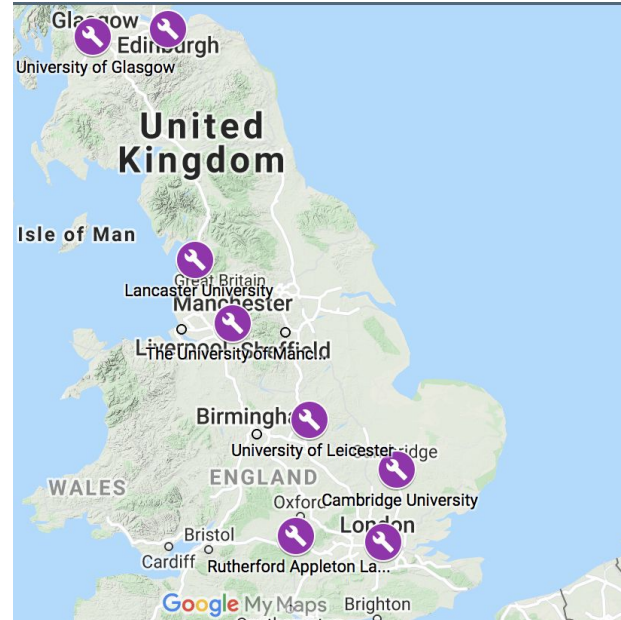
- To be transparent
- To act in the broader interests of the Euclid UK community
- To ensure all opportunities are advertised to the whole community
- To work within the guidelines and with the spirit of Euclid's EDI commitment.

Coordinated computing resources: IRIS

IRIS is a digital research infrastructure. It comprises computing power to process and simulate data, as well as short and long term data storage. This is the main facility that UKRI propose to analyse Euclid data.

Annual time requests occur in November.

- The EUCG obtained 1000 CPU **years** and 50TB storage for UK-based Euclid members for 2022 for the use of **SWG** activities. The EUCG will set up a time allocation panel to distribute this resource.
- The EUCG plan to make an application for greater resources for 2023.



- If you would like to make use of the 2022 allocation, or have a request for the 2023 application, please contact the EUCG.

Coordinated funding

Euclid sold on cosmology, but Legacy Science will also be a big win. UKSA/ESA only funds cosmology. All scientific exploitation must come from STFC (or other sources of funding), not UKSA.

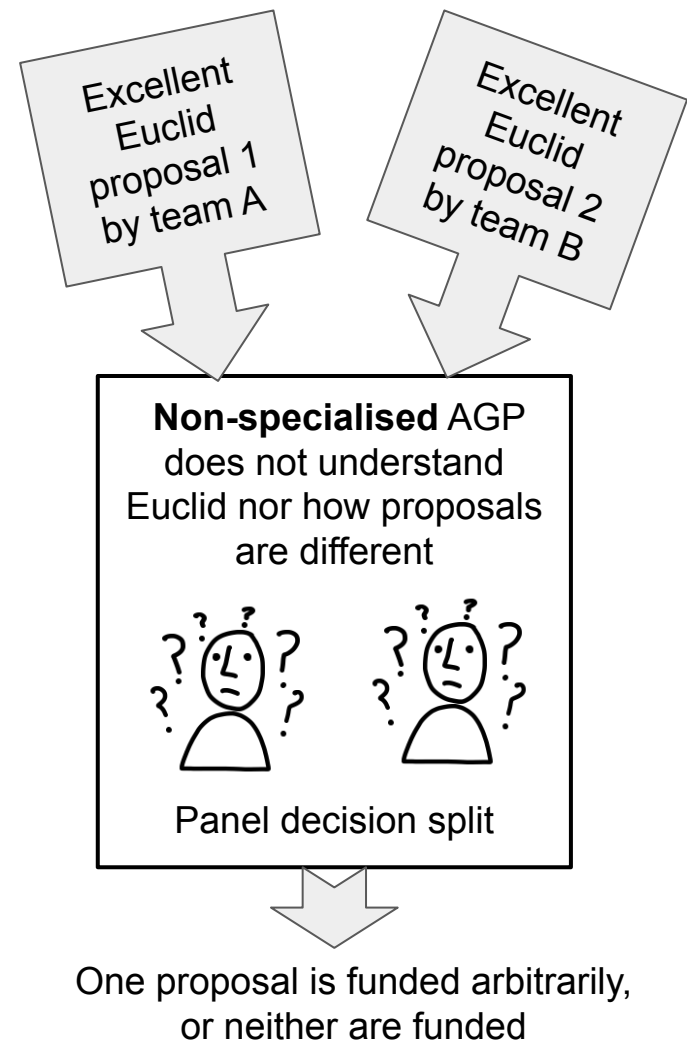
Two sources of funding via STFC for SWG:

- PPRP
 - For technical aspects
 - Development of infrastructure, e.g. fund IRIS manager, project management.
 - PPRP needs to have statement of intent a year in advance
 - We need to do this before Feb 2022 if we get PPRP in place before launch.
 - Smallest budget of PPRP is £0.5million.
 - **Is anyone interested in this?**
- AGP (through CG)
 - For scientific exploitation
 - In 2020 ~2 FTE were allocated to Euclid-based projects (4 submitted)
 - In 2021 expectation ~2-3 FTE awarded (out of 9 submitted)
 - The number of Euclid proposals will increase towards launch: expectation is that 14 cases will be submitted in 2022.



Coordinating AGP proposals

- At previous Euclid:UK meetings there was very little enthusiasm for a Euclid consortium grant; the preference was to apply through departmental CGs.
 - Is anyone interested in a consortium grant?
 - Currently we have no plans for consortium grant
- STFC AGP dislikes overlapping proposals within consortia, e.g., two proposals for similar science goals with same data. This occurred with Planck and resulted in poor AGP CG outcome.
- Euclid Consortium already removes a lot of this as all projects must be approved by management.
- Previous years have had some ad hoc coordination between some departments.

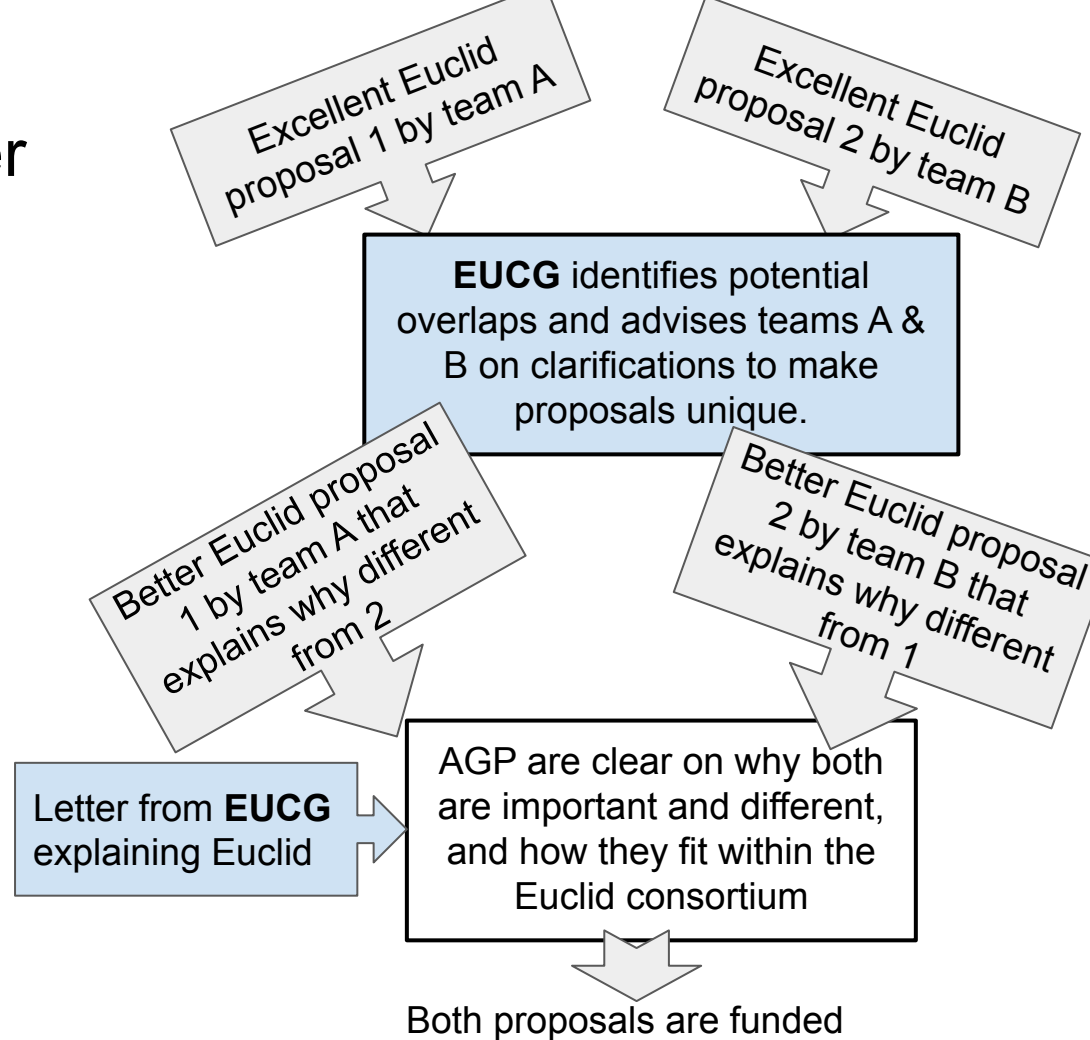


Putting our house in order

The EUCG proposes to maximise the community's success with STFC funding by

- Helping PIs pinpoint uniqueness in Euclid applications.
- Sending a letter to the AGP chair/Colin Vincent:
 - listing Euclid scientific exploitation proposals submitted,
 - explain why they cannot be funded by UKSA,
 - Explain data release, consortium rules for publication, key projects, standard projects, etc.

(Participation completely voluntary and all information will be kept confidential.)



Coordinated Education and Public Outreach

- Euclid Consortium has not invested into EPO activities as much as other missions or observatories (e.g. JWST, Rubin)
- Several funding opportunities for EPO from STFC and other sources. The EUCG can help coordinate group applications.
- Recent email requesting interest sent out and received ~10 replies.
- Outreach discussion will be held on Thursday 4pm-5pm; everyone is welcome to join



Contact:

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Summary & discussion points

Input we need from you:

- What are your computing needs for SWG research this year & in the future?
- What coordinated outreach do you want? (main discussion on Thursday 4pm-5pm)
- Are you interested in PPRP funding?
- Are you interested in a consortium AGP grant?
- Are you happy to inform the EUCG about your AGP CG proposals and us to contact you about similar cases?
- Do you have concerns about our plans to submit a letter on your behalf to Colin Vincent and the AGP chair?
- Is there anything you wish us to include in the letter?
- Any other requests for coordination.

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