

# LSST:UK In-Kind and Phase C

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# UK in-kind recap

- UK in-kind proposal gains data rights credit for
  - Current (Phase B) software dev. work packages
  - Future (Phases C and D) DEV WPs
- Obvious corollary
  - Phase C and D DEV WPs must comply with Rubin in-kind Handbook (<https://ls.st/RDO-031>) to earn data rights credit

# Phase C timescale (TBC)

- 1 April 2023: Phase C starts
  - December 2022: STFC Science Board
  - July 2022: PPRP meeting
  - **April 2022: Submit full proposal**
  - February 2022: Submit Statement of Interest
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- Need to start planning soon – won't include list of DEV WPs in Sol, but need it by end Feb

# Key points from in-kind Handbook

- Effort must be linked to a **Recipient Group** – i.e. Science Collaboration or Rubin Obs team
- Software development effort can be
  - *Directable* – RG can deploy effort as they see fit
  - *Non-directable* – plan of tasks agreed in advance
- PPRP will want to see what they are funding - so, not fully directable



# Outline process

(To be confirmed by Consortium Board)

- Call issued on lusc-announce email list
- Develop proposal with Recipient Group
- Proposals evaluated by panel, to include Rubin and SC representatives
- Final WP selection by Consortium Board
- Iterate WP proposal text

# Likely resource level

- Phase C runs for 4 years: Apr 2023 – Mar 2027
  - In-kind proposal lists 28 staff-years of DEV effort – flat profile of 7 FTE (can be changed)
- Phase D runs for 7 years from Apr 2027
  - In-kind proposal lists 7 staff-years of DEV effort – flat profile of 1 FTE (can be changed)
  - Mainly maintenance of software from Phases B&C
    - Do we need any Phase C effort to maintain Phase B s/w?
    - Maintenance can be task for Recipient Group (if agreed)

# Selection criteria

(To be confirmed by Consortium Board)

1. Proposed WP must be Handbook-compliant
  2. Proposed WP must satisfy PPRP criteria
  3. Likely scientific impact – for UK astronomy and within Rubin LSST community
- No presumption as to topics – e.g. Phase B areas not at advantage (or disadvantage)

# Next Steps

- Think about ideas for Phase C DEV WPs
  - Most Science Collaborations now have Roadmaps
- Consider whether idea matches PPRP and Rubin Handbook criteria
- Await Call in next few months
- Prepare for a busy six months thereafter

**Any Questions?**