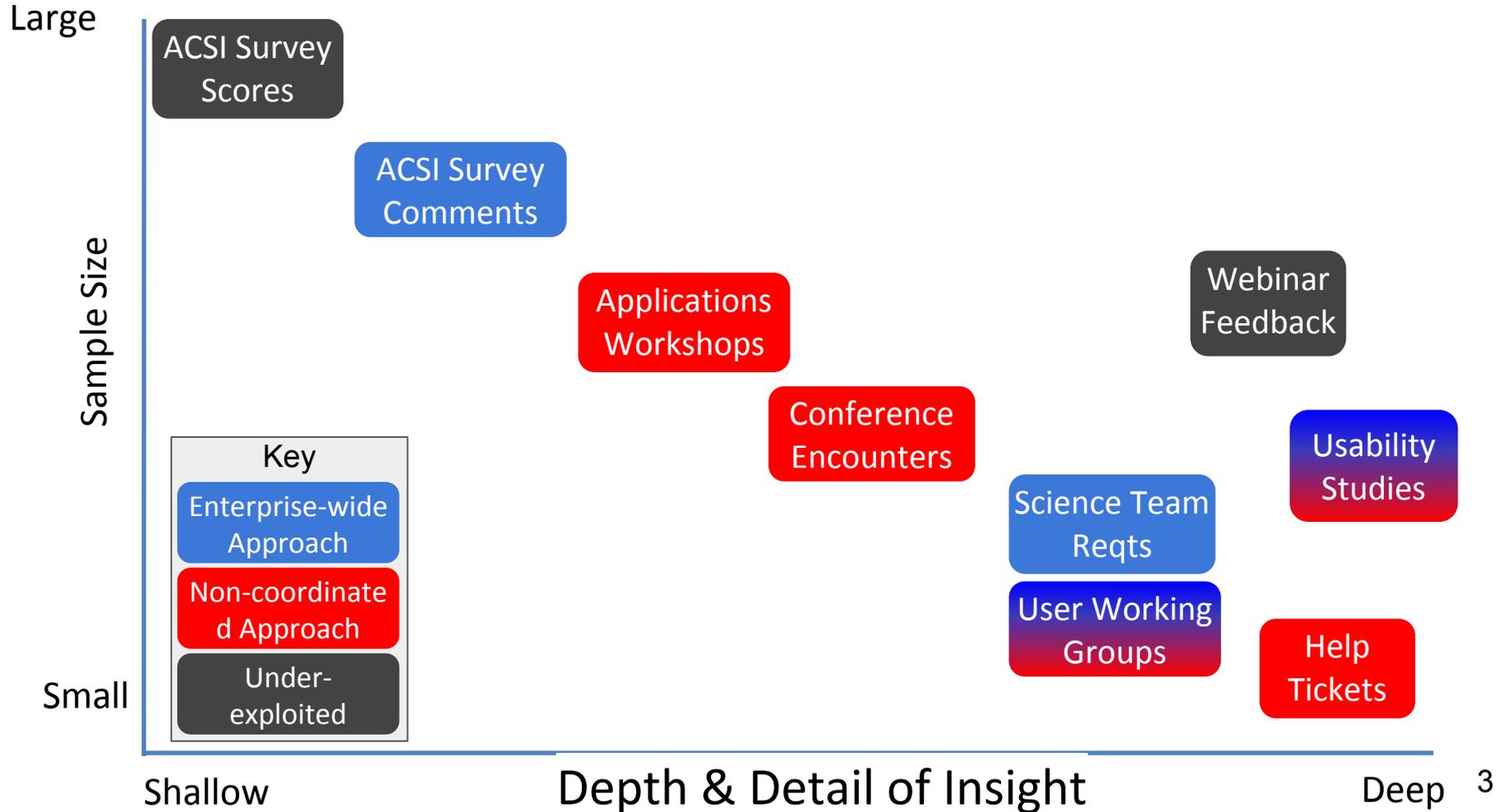


Three Questions about Enterprise Requirements

1. Can we improve our gathering of Enterprise requirements?
2. What aspects of our Requirements Prioritization need fixing?
3. How should we handle common dilemmas in Requirements Prioritization?

Gathering Requirements

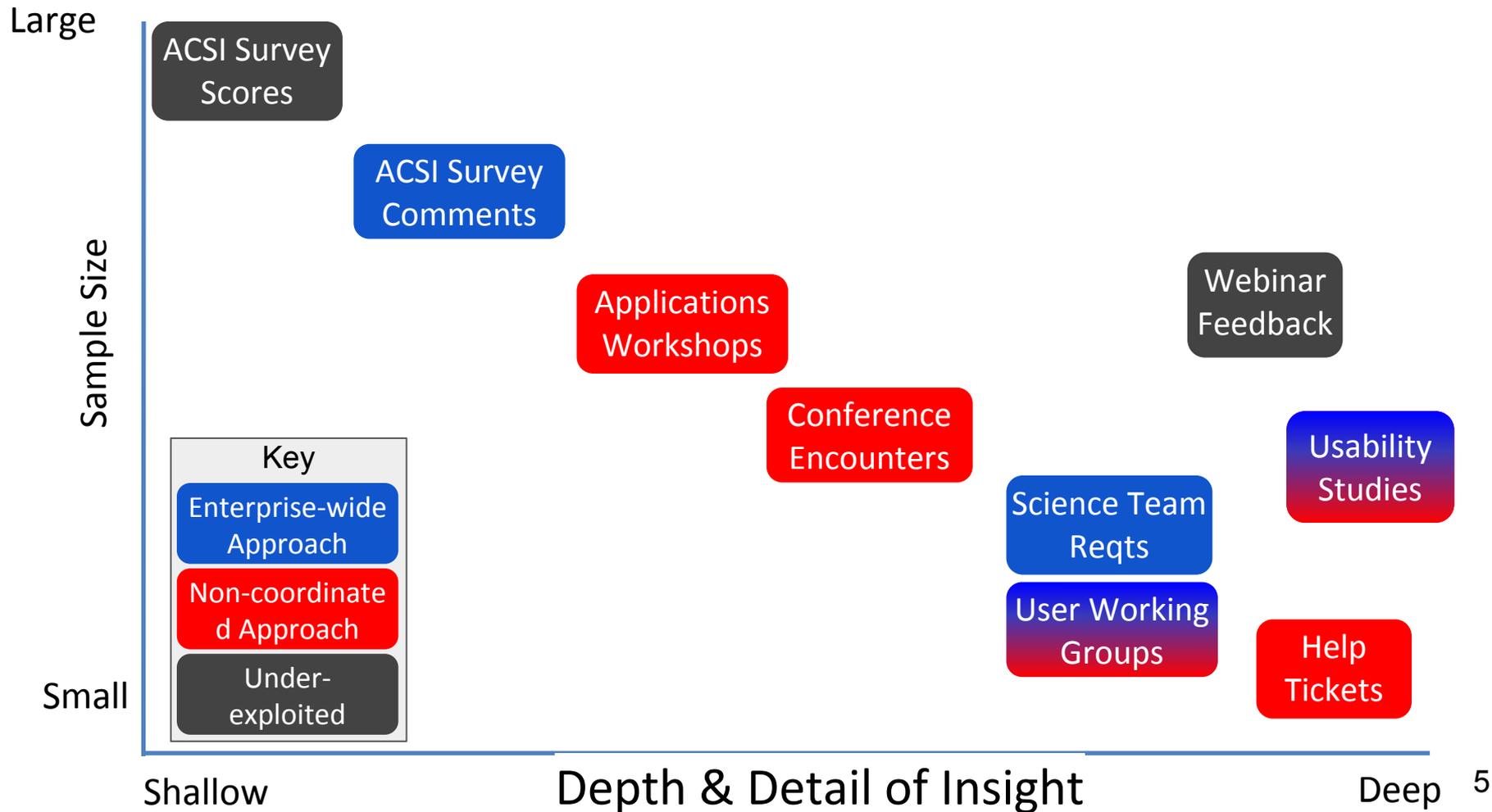
User Needs from Community Sources



Also...Special Sources

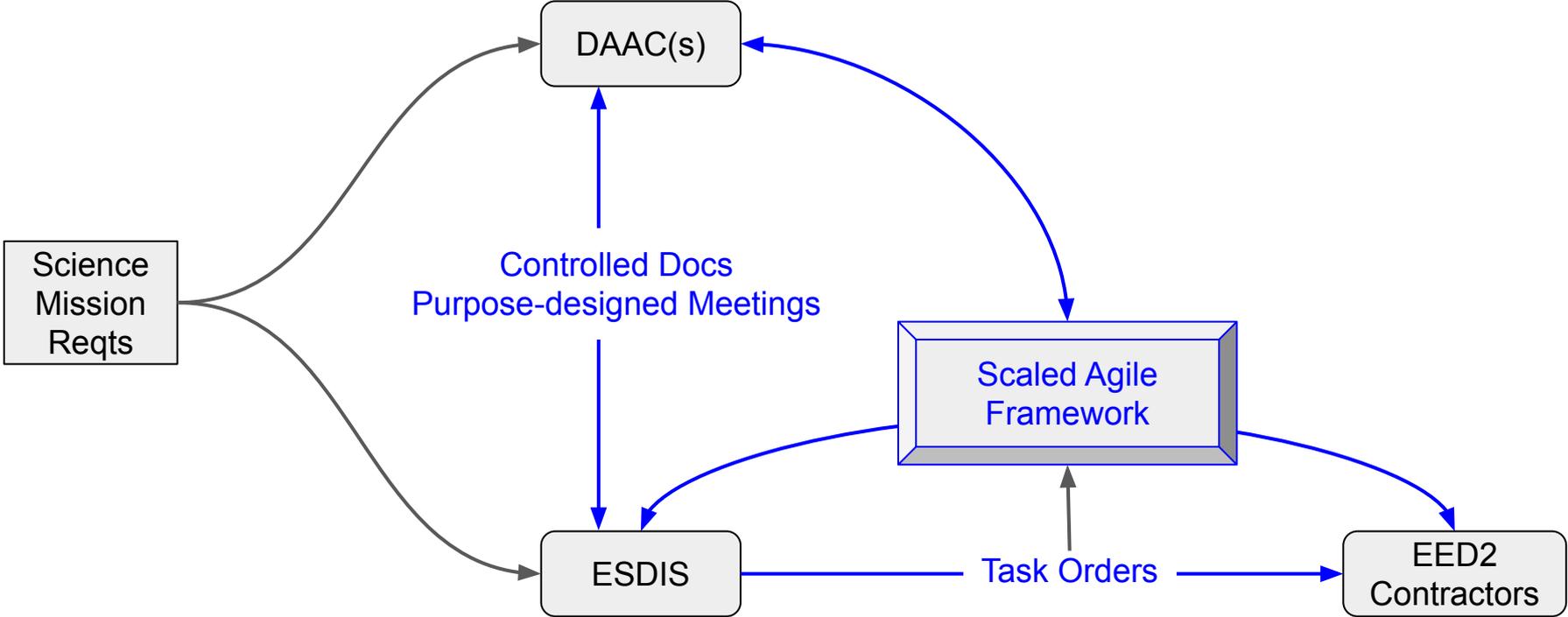
- Big Earth Data Initiative
- EOSDIS Review Team
- NASA-ESA Earth Science Joint Program Planning Group
 - Multi-Mission Algorithm and Analysis Platform (MAAP)
- Concepts for DAAC Operations
- ...

Question 1: Where and How should we improve?

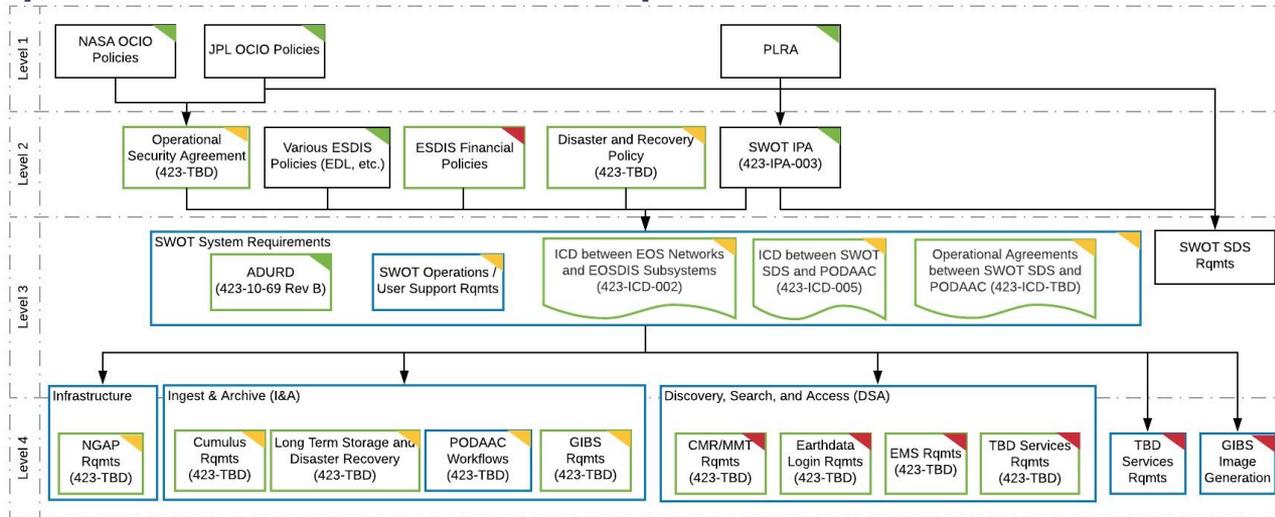


Prioritization

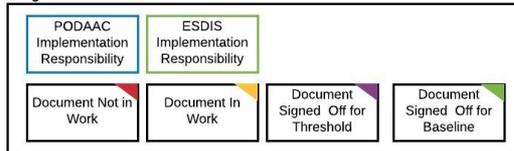
Prioritization Decision Flows for Mission Reqts



Example: SWOT Requirements Flowdown



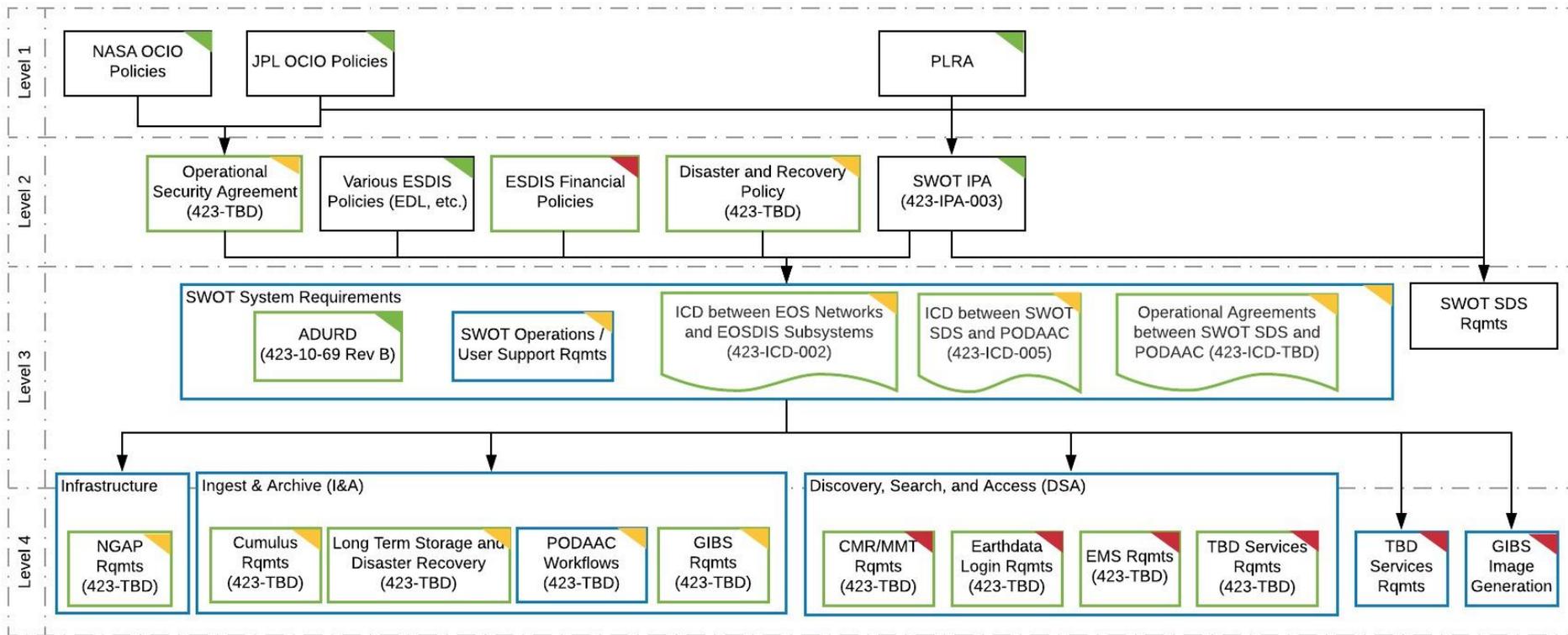
Legend



Document Points of Contact and Due Dates

ADURD - Steve Berrick (Complete)
 CMR Requirements - Joe Rincione (12/8/18)
 Cumulus Requirements - Patrick Quinn (11/8/18)
 Disaster and Recovery Policy - Andy Mitchell (9/15/18)
 Earthdata Login Requirements - Maitreyee Passad (12/8/18)
 EMS Requirements - Nelson Caisano (12/8/18)
 ESDIS Financial Policies - Mark McInerney (9/15/18)
 GIBS Image Generation - Mike Gangl (12/8/18)
 GIBS Requirements - Matt Cechini (12/8/18)
 JPL OCIO Policies - Eric Tauer (Complete)
 ICDs and Operational Agreements - Karen Michael (12/15/18)
 MMT Requirements - Alicia Aleman (12/8/18)
 NGAP Requirements - Bhairavi Mehta (9/15/18)
 OCIO Policies - Chris Mishaga (Complete)
 Operational Security Agreement - Chris Mishaga (12/8/18)
 PLRA - Andy Mitchell (Complete)
 PODAAC Workflows - Mike Gangl (11/8/18)
 SWOT IPA - Karen Michael (Complete)
 SWOT Operations / User Support Rqmts - Mike Gangl (11/8/18)
 SWOT System Requirements - Eric Tauer (7/1/18)
 SWOT SDS Requirements - Oh-Ig Kwoun
 TBD Service Requirements (ESDIS) - Chris Lynnes (12/8/18)
 TBD Service Requirements (PODAAC) - Mike Gangl (11/8/18)

Example: SWOT Requirements Flowdown



Requirements Flowdown TL;DR

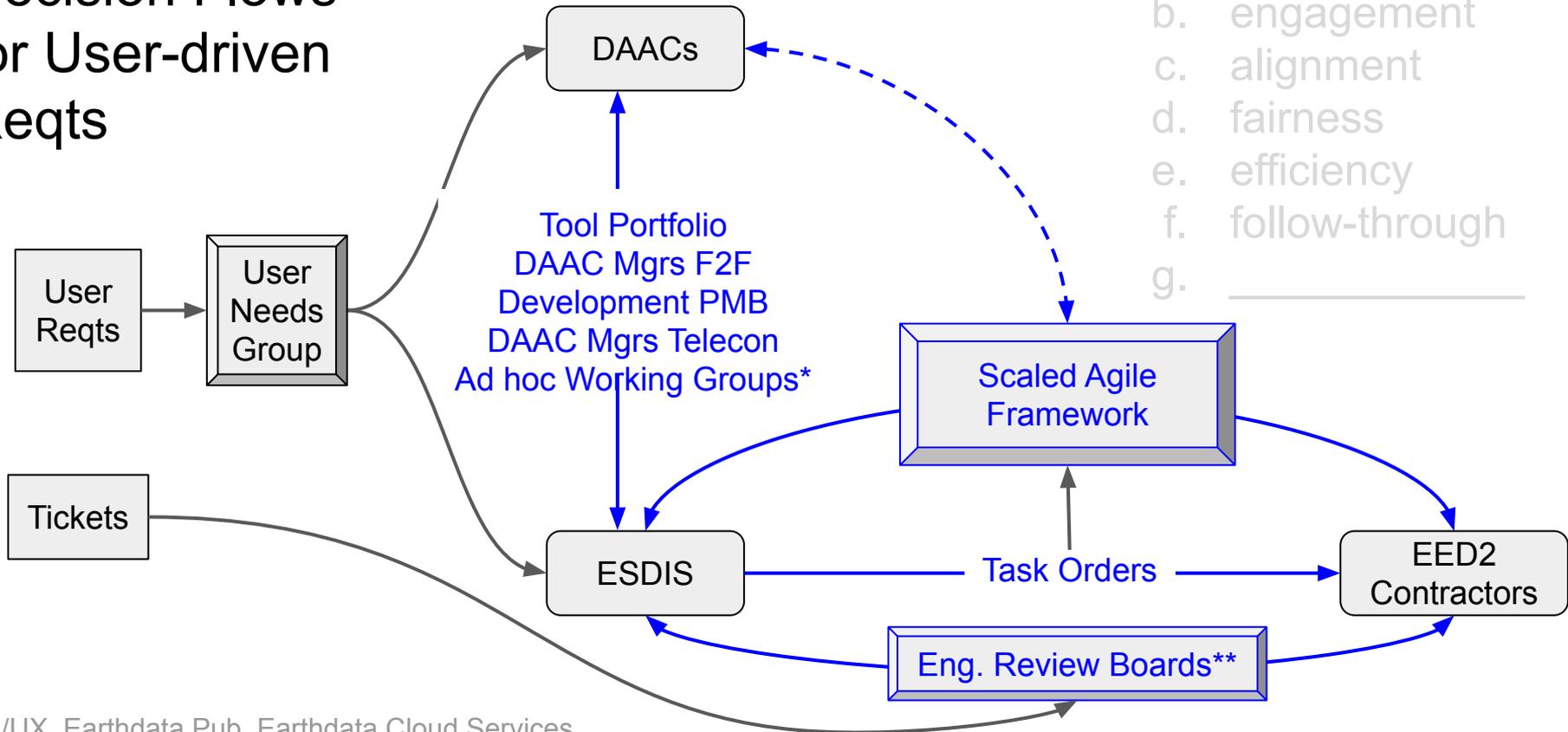
Level 1	PLRA* + CIO Policies
Level 2	Inter-Organization Agreements + ESDIS Policies
Level 3	ADURD + ICDs + OAs + Mission Support Requirements
Level 4	Requirements for individual (sub-)systems

*Program Level Requirements Appendix

Prioritization Decision Flows for User-driven Reqt's

Question 2: Which aspect do we need to improve most:

- a. communications
- b. engagement
- c. alignment
- d. fairness
- e. efficiency
- f. follow-through
- g. _____

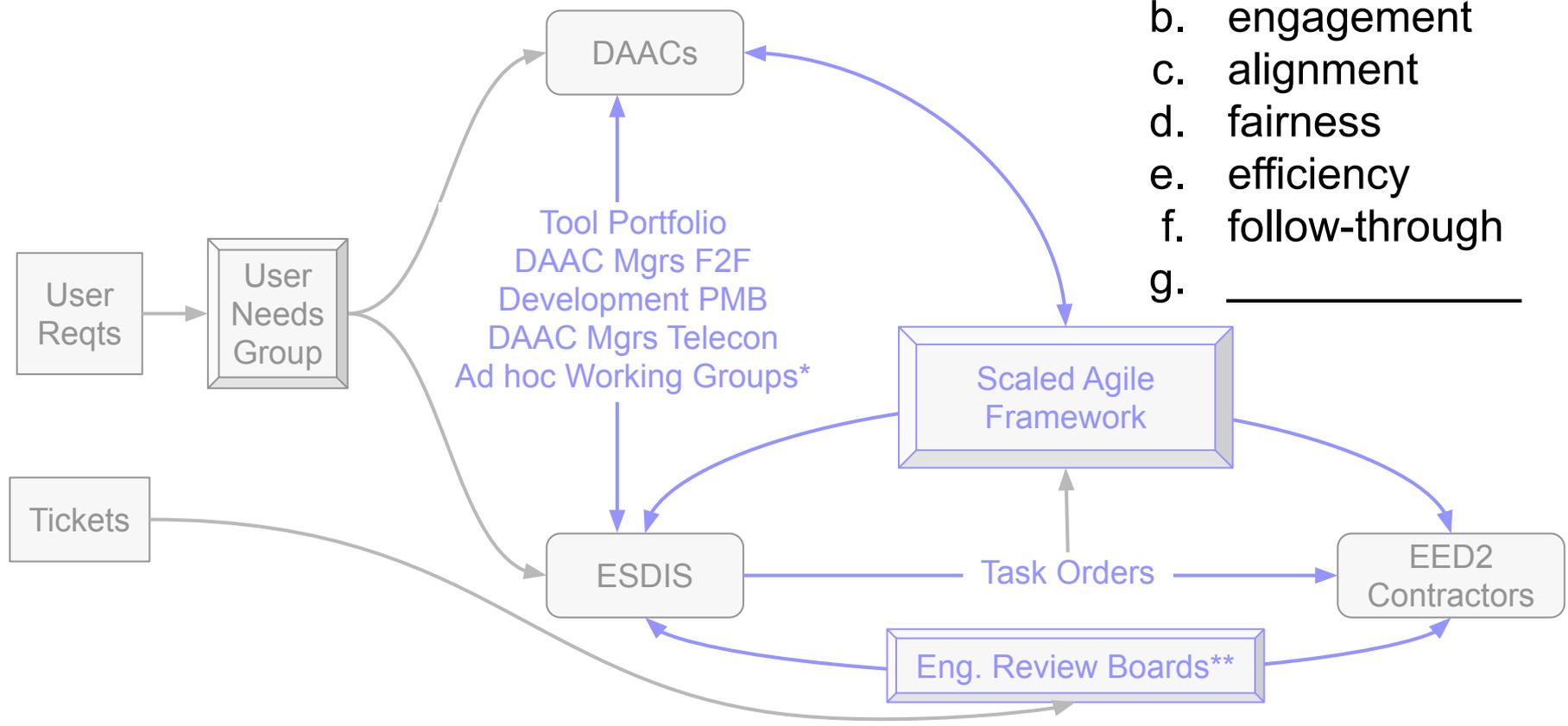


*UI/UX, Earthdata Pub, Earthdata Cloud Services, Bulk Download, User Referral Network, Earthdata Search Governance, OPeNDAP Governance, ...

**Earthdata Search, CMR, Metadata Tools, Metadata Quality, SDPS

Question 2: Which aspect do we need to improve most:

- a. communications
- b. engagement
- c. alignment
- d. fairness
- e. efficiency
- f. follow-through
- g. _____



Question 3: How Should We Address Common Dilemmas?

1. ESDIS-driven vs. Cross-EOSDIS vs. DAAC-unique Efforts
2. External Mandates
3. New, Half-baked* Ideas
4. Infrastructure and Enablers
5. Uneven Benefits for DAAC User Communities
6. Medium-term (1-3 years) Items

*Half-baked in a good, prototype-y way