

IOOS Office Update on the CURL (Consolidated Unfunded Requirements List) for the IOOS Advisory Committee

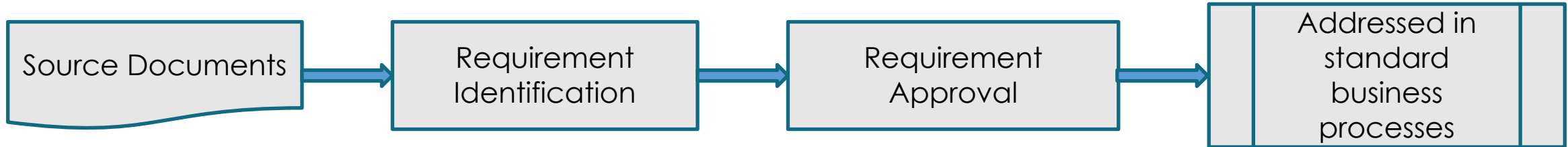
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- **Recommendations from the IOOS AC**
 - Benchmark and ensure active management of requirements, including analysis, traceability, allocation, and guidance, to ensure effective annual and long-term budget formulation
 - Tie requirements management to Infrastructure Investments
 - Maintain/Build on existing partnership models

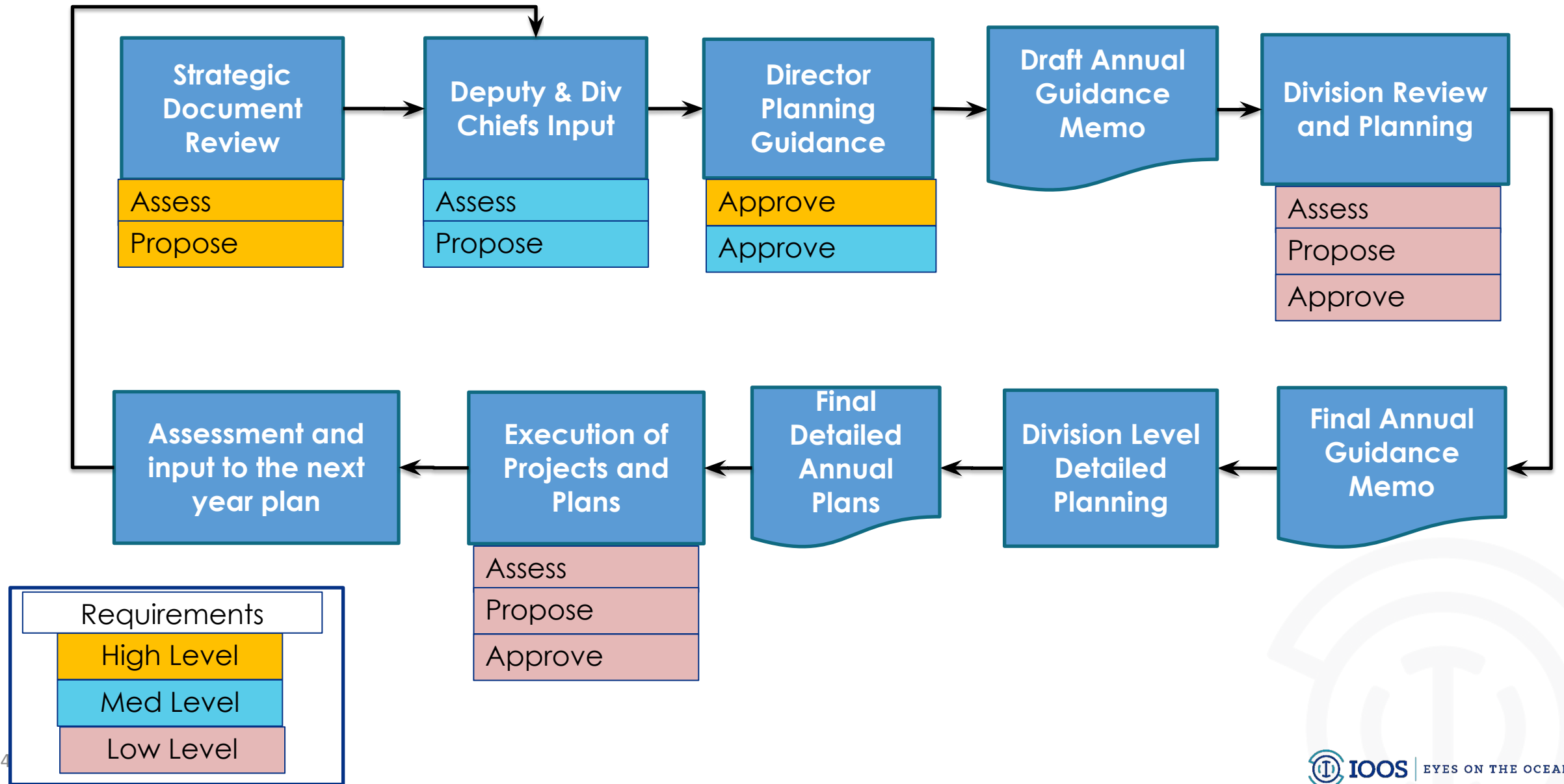
Background - IOOS Requirements Management

2 slides from IOOS AC brief on July 29, 2020.



Level	Sources	Approval	Addressed in
High	ICOOS Act Congress OMB NOAA/NOS IOOC	Director	Annual Planning Process
Medium	IOOS Strategic Plan Implementation Plans Regional Priorities	Director	Annual Planning Process
Low	IT user requirements Project plans	Division Chief	Software development (Trello Tracking) Projects

Background - Annual Planning Cycle - Requirements Assessment and Integration



In Response ...

- Office developed a Consolidated Unfunded Requirements List - CURL
- Main objectives -
 - Vision and Strategy for the Future,
 - Creating and Sustaining Strategic Partnerships,
 - Requirements Management and Infrastructure Investments for Success and Growth, and
 - Improved understanding of 'systematic' needs.
- To elaborate on recommendations...
 - Feeds into annual investment strategy in IOOS/NOAA/interagency

Development of the CURL

- 3 main objectives
 - Understand the scope of proposed ('new' or 'previously unfunded') activities in all IOOS new 5 year proposals
 - to enable analysis and planning for funding mechanisms when "special" funding sources arrive
 - to prepare for spend plan development phase for infrastructure funding
- Process
 - Worked with Regions to develop the template and try some examples
 - Developed a beta version
 - IOOS Association ALSO began an infrastructure list of needs

What is the CURL?

- The CURL is a tool
 - a spreadsheet which captures:
 - non funded projects from proposals
 - infrastructure needs from RAs
- Collection of information to help explain needs:
 - details of a project
 - what are the infrastructure needs?
 - what funding amounts are needed? - broken down by year/equipment vs O&M
 - what are the strategy areas it leverages? - nat'l strategy, subsystems, societal benefits
 - who are the partners on this project?



How to use the CURL

- **Use filters and pivot tables to do analysis**

- filters- examples

- Funding by region and infrastructure needs
- RAs and assets
- Projects and strategy areas
- Priority projects for the RAs - tier 1 and tier 2
- Projects by RAs and costs per year
- Project needs by non equipment costs vs equipment costs

- pivot tables - questions we would want to group data together

- Projects that support the new blue economy?
- Projects that support fisheries?
- Projects that support climate research?
- Projects where there is overlap?
- Projects that support resilience?
- Projects linked to critical NOAA missions, ex:
 - What projects support weather forecasting?
 - What projects support HABs forecasting?
 - What projects support sanctuaries?
 - What other NOAA Offices are working with RAs on projects?



QUESTIONS?