Strategic Science & Research Framework Update

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Management Board Meeting
9/19/2019

Refresher on the SSRF

The Strategic Science & Research Framework is the recommended process by which the Chesapeake Bay Program can track, assess and address the science needed to reach the goals and outcomes of the Program.

Refresher on the SSRF

MB request for science needs	**Sept ‘18**
Update operational and fundamental science needs identified through SRS process, GIT input to STAR, STAC workshop recommendations, and STAC review	**Oct-Dec ‘18**
GIT, STAR and STAC developed Strategic Science & Research Framework	**Nov ‘18-Jan ‘19**
SSRF recommended to Management Board	**Feb ‘19**

Refresher on the SSRF

GIT science needs

2017/2018 SRS-identified needs

STAC workshop recs

Master science needs list

	A	B	C	D	E	F
1	SRS Outcome	Need	Completed? (Y/N)	More specific detail	Why is this needed?	Category
2	Stream Health	Support for reporting progress for Chessie BIBI	No	This is requisite of the Bay Program and Stream Health outcome. Need to analyze and report on the indicator.	To report on Stream Health Outcome.	Data Gathering, Analysis - translation of Chessie BIBI to stream miles
		Stream Health/Fish Habitat & Passage/Water Quality: Establish guidelines and relationship between stream coordior restoration acivities and functional lift including biological lift. This information will support project		Stream Corridor Restoration efforts have demonstrated ability to reduce sediment and nutrient loadings, however, the abaility to achieve biological lift has been more challenging. Build on function based restoration approach to document restoration success stores and lessons learn to guide	To make progress towards stream health	

Refresher on the SSRF

Conducted baseline resource assessment to identify current science providers and gaps in resources	**Feb ’19-present**
Gathered feedback on SSRF at SRS Biennial	**Mar ‘19**
Incorporated SSRF into SRS process with first cohort and gathered feedback from GITs, STAR and STAC	**Aug ‘19-present**

Refresher on the SSRF

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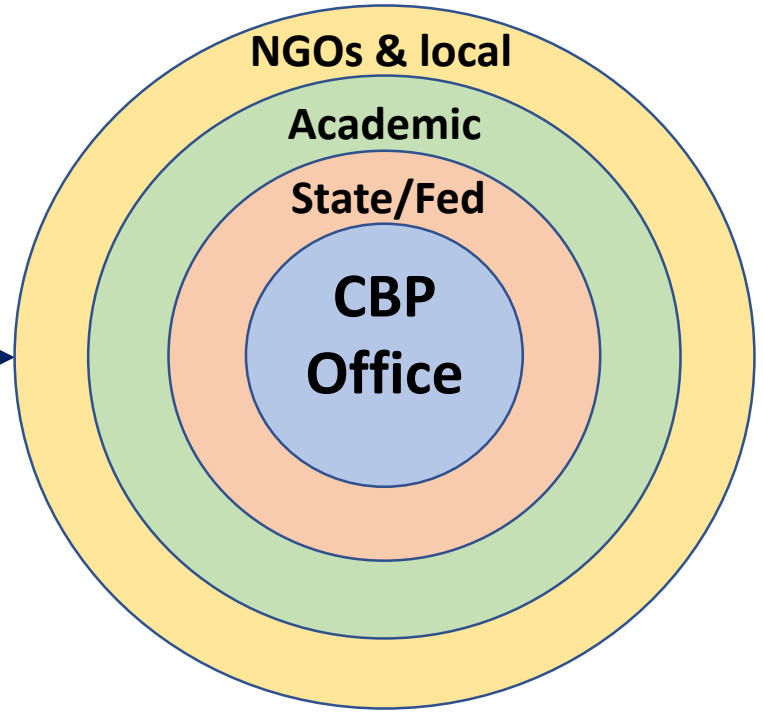
Ongoing resource assessment



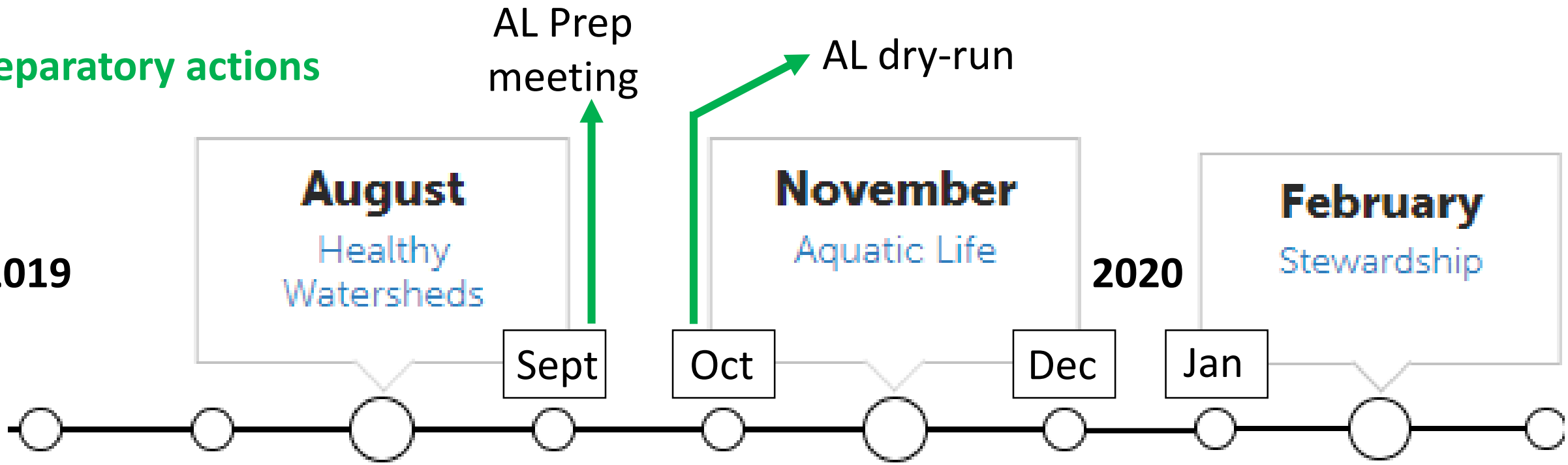
Pilot SRS-SSRF Integration

- For Healthy Watersheds cohort, met individually with workgroup coordinators to discuss science needs, resource assessment, gaps, planned actions, MB requests
- Feedback from STAR:
  - Those discussions are useful; may be more useful after MB presentation when workgroup is really thinking through actions for their work plan
  - STAR is good venue to have those discussions
  - Still want option of individual meetings
- Presented cohort science needs to STAC for discussion, identified interested members

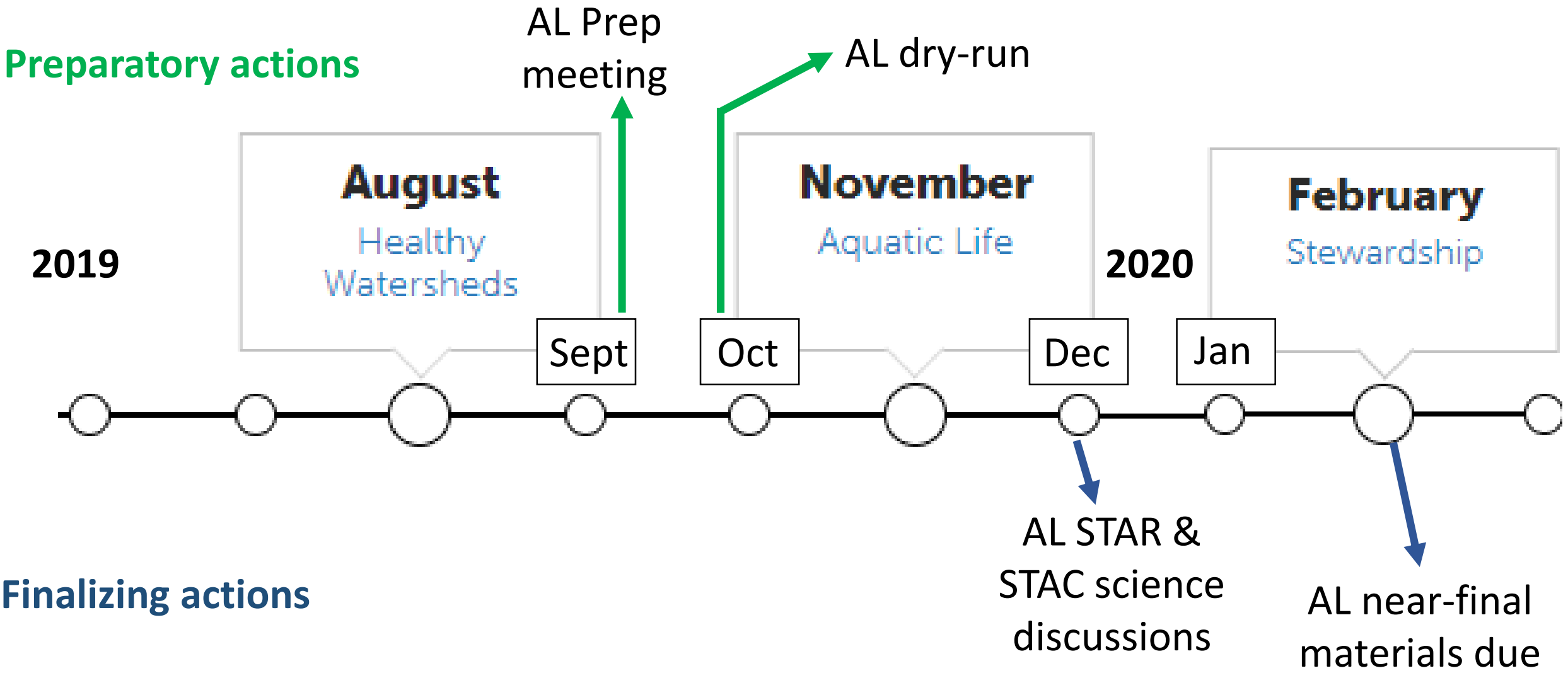
Proposed SRS-SSRF Integration

Chesapeake Bay Program
Science. Restoration. Partnership.

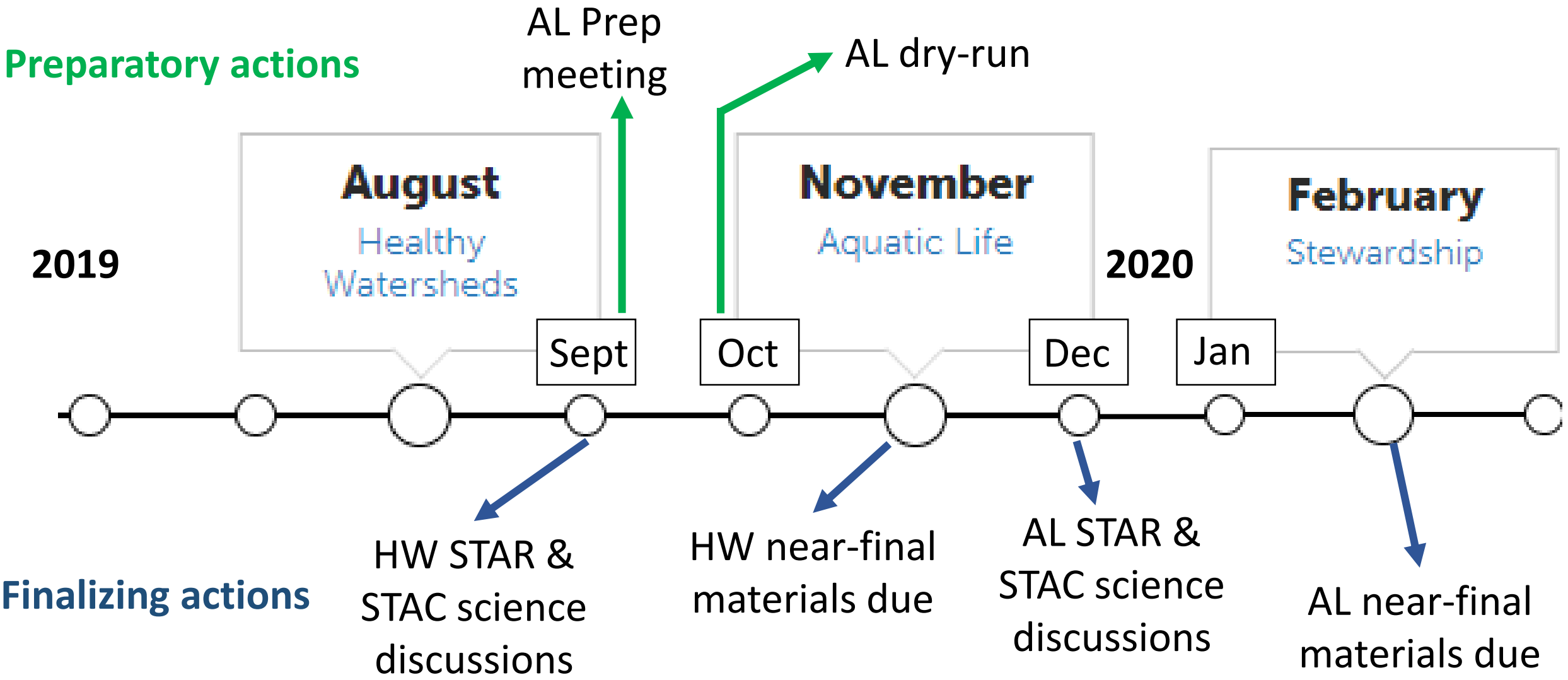
Preparatory actions



Proposed SRS-SSRF Integration



Proposed SRS-SSRF Integration



Proposed SRS-SSRF Integration

1) Science needs list is provided to each cohort at SRS prep meeting; option for workgroups to meet individually with SSRF team to discuss
2) Dry run at STAR meeting month before MB meeting to focus on presentation
3) Discuss cohort science needs with STAC at STAC quarterly after MB presentation
4) Discuss science needs, resource assessment and gaps at STAR meeting after MB presentation; facilitate STAC engagement
5) Follow up individual meetings between workgroups and SSRF team if necessary/requested
6) Update cohort science needs in list

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