



PSC Review Progress



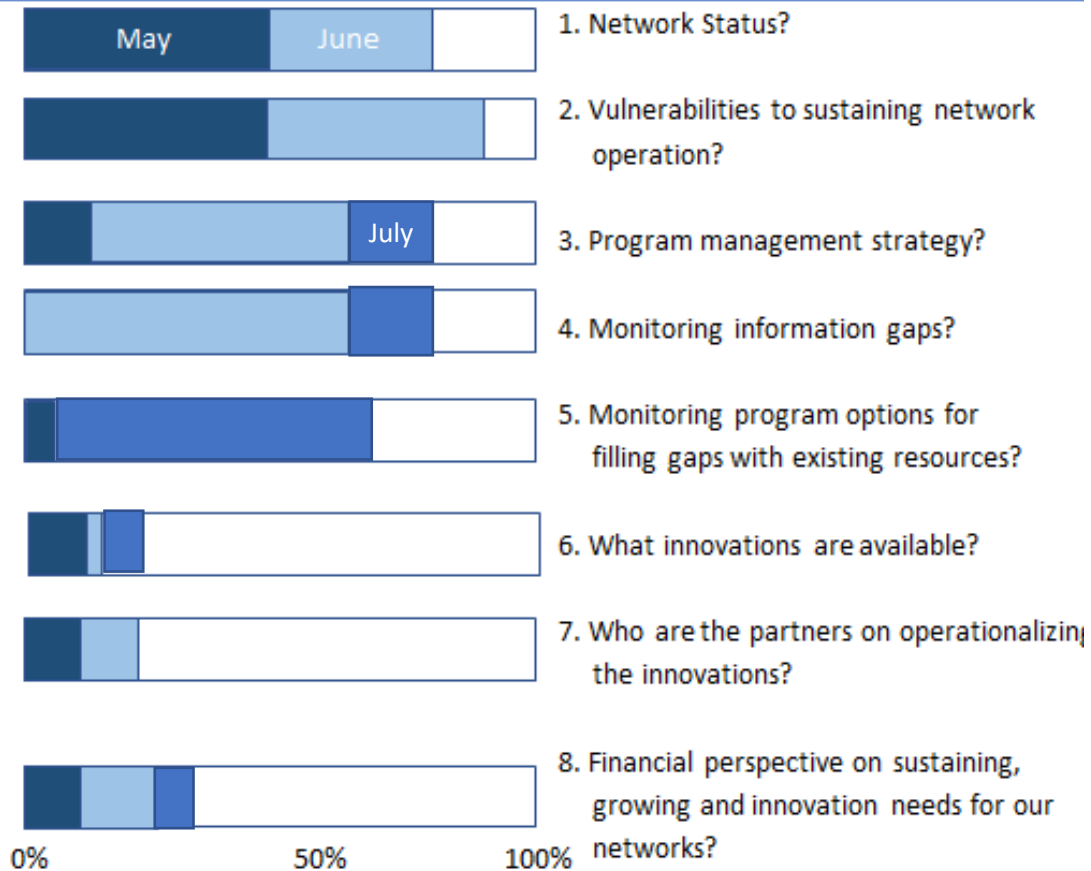
Peter Tango, Breck Sullivan, Lee McDonnell, Scott Phillips, Denice Wardrop

STAR Meeting

July 22, 2021

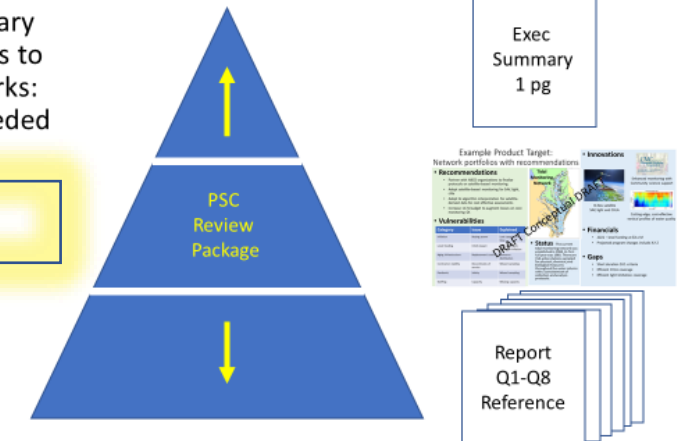
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Tracking our progress on the short report: July 2020



Delivering a final product: Tiered communication

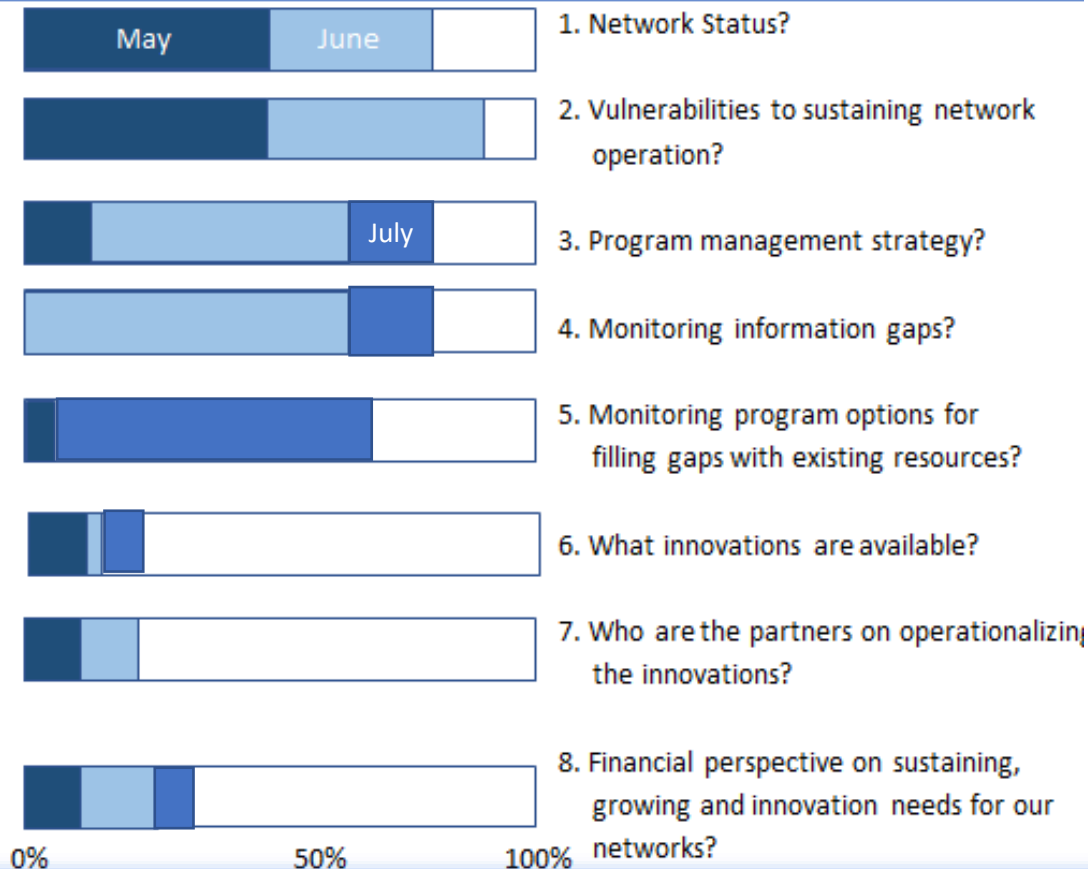
- 1 page: Executive summary on the recommendations to sustain and grow networks: strategies, resources needed
- 1 (max 2) page network portfolio summaries
- Short report on the 8 questions



Building out a closing chapter:

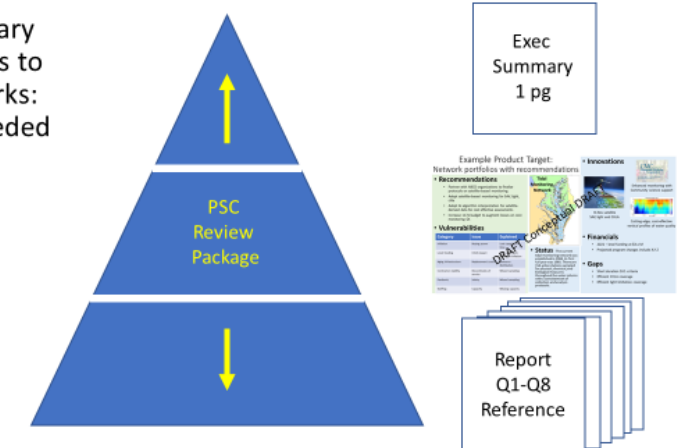
Q9. Addressing needs beyond the water quality networks

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Q9. Addressing needs beyond the water quality networks

Q9: Beyond the Water Quality Networks

- Climate:
 - Carbonate chemistry (Ocean/Estuarine Acidification) monitoring
 - Temperature:
 - hot-spot temperature monitoring (Air temperature) of heat islands
 - tracking management impact of local efforts (e.g., urban tree plantings)
 - Groundwater temperature? (STAC Temperature Workshop)
- Indicator support
 - Field monitoring data needs for indicator support are
 - 1) wetlands – Brian Lamb PhD work – mid Atlantic.
 - 2) brook trout – NFWF support
 - 3) black duck
 - 4) stream health.

Q9: Beyond the Water Quality Networks

- Toxic contaminants:
 - PCBs 6/9/21 , Hg, emerging contaminants discussed in recent venues
 - Microplastics:
 - 6/24 Microplastics Monitoring and Science Strategy – monitoring details TBD
- Living resources: Zooplankton (SSRF database)
- Living resources: Phytoplankton (SSRF database)
- Living resources: Benthic macroinvertebrates: Spring sampling – being re-evaluated.
- Cross-GIT: Baywide shoreline characterization: Shoreline hardening/ adjacent and aquatic habitat characterization –
 - Discussion with Fish Habitat Action Team - A variety of communities are taking aim at this, USGS, etc.

Thank you



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