

August 2025

2022-2026 Science Action Agenda (SAA) Snapshot Progress Summary



Delta
Science
Program

DELTA STEWARDSHIP COUNCIL

What is the SAA?

- Identifies knowledge gaps and priority science actions to address management needs
- Developed collaboratively by and for the Delta community
- Updated every ~5 years



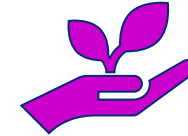
SAA Management Needs



1) Improved integration and coordination



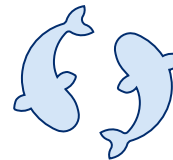
2. Enhanced monitoring and modeling



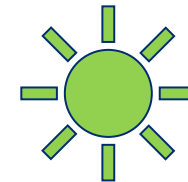
3.) Managing the Delta as a social-ecological system



4.) Equitable management for Delta communities



5.) Species and ecosystem health



6.) Climate change impacts and adaptive management

SAA Snapshot Goals

- Summarize current SAA implementation progress (i.e., what funded projects are addressing the SAA)
- Inform SAA implementation (i.e., where to prioritize funding)
- Improve future DSP solicitations

2021 DRA Project: Estimating Juvenile Production of Spring-Run Chinook Salmon Leaving the Delta



Photo credit: US Fish and Wildlife Service



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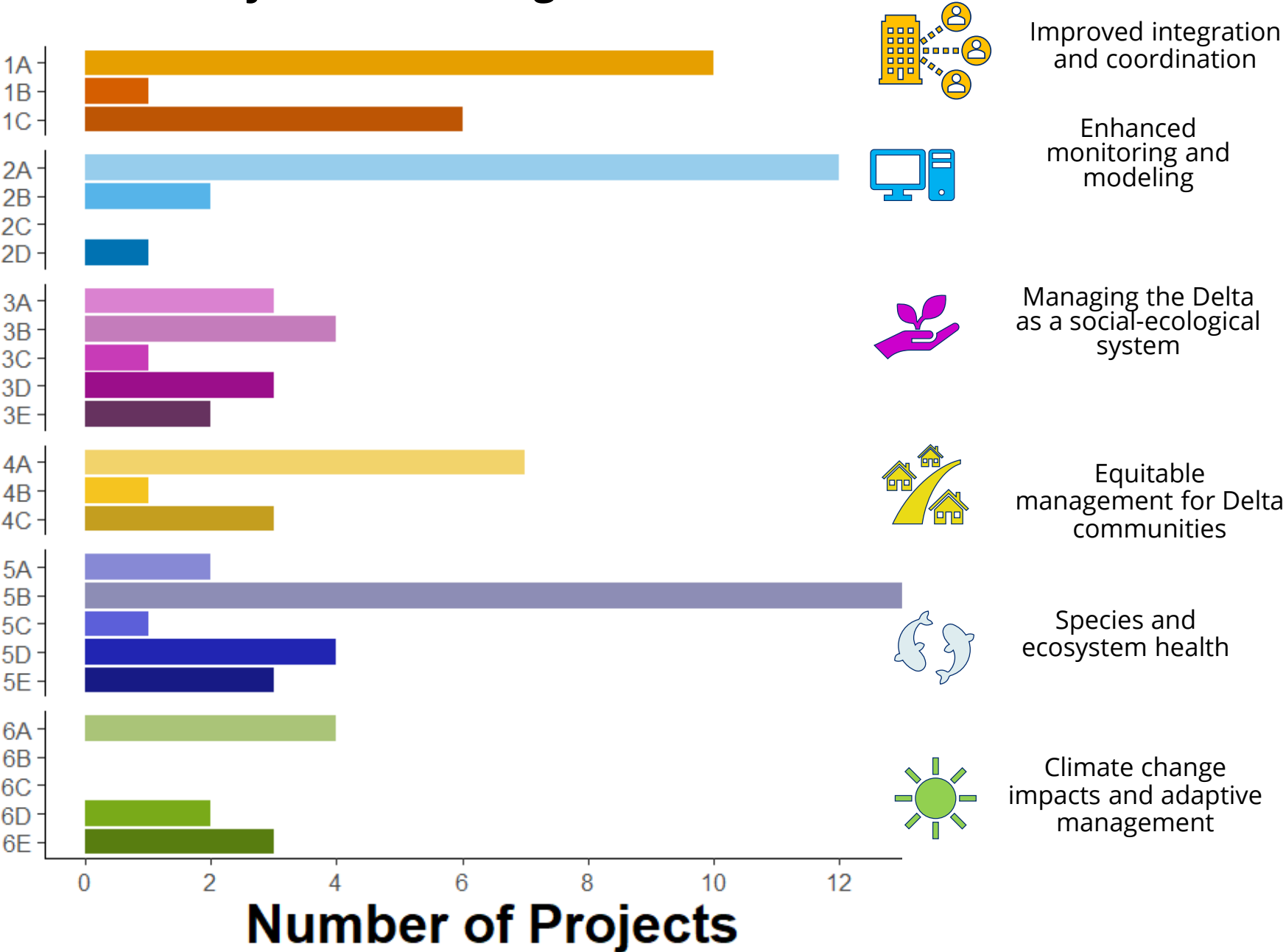
Only includes
DSP/SWC funded
projects

Methods

- 1 Proposal Review (n=38)**
 - Review accuracy of selected Science Actions
- 2 Priority Assignment**
 - Assign primary, secondary, and tertiary Science Actions
- 3 Data Collection**
 - Collect additional data (status, funding amount)
 - Utilize Delta Science Tracker
- 4 Analysis**
 - Basic statistics and visualizations in R

Number of Projects Advancing Science Actions

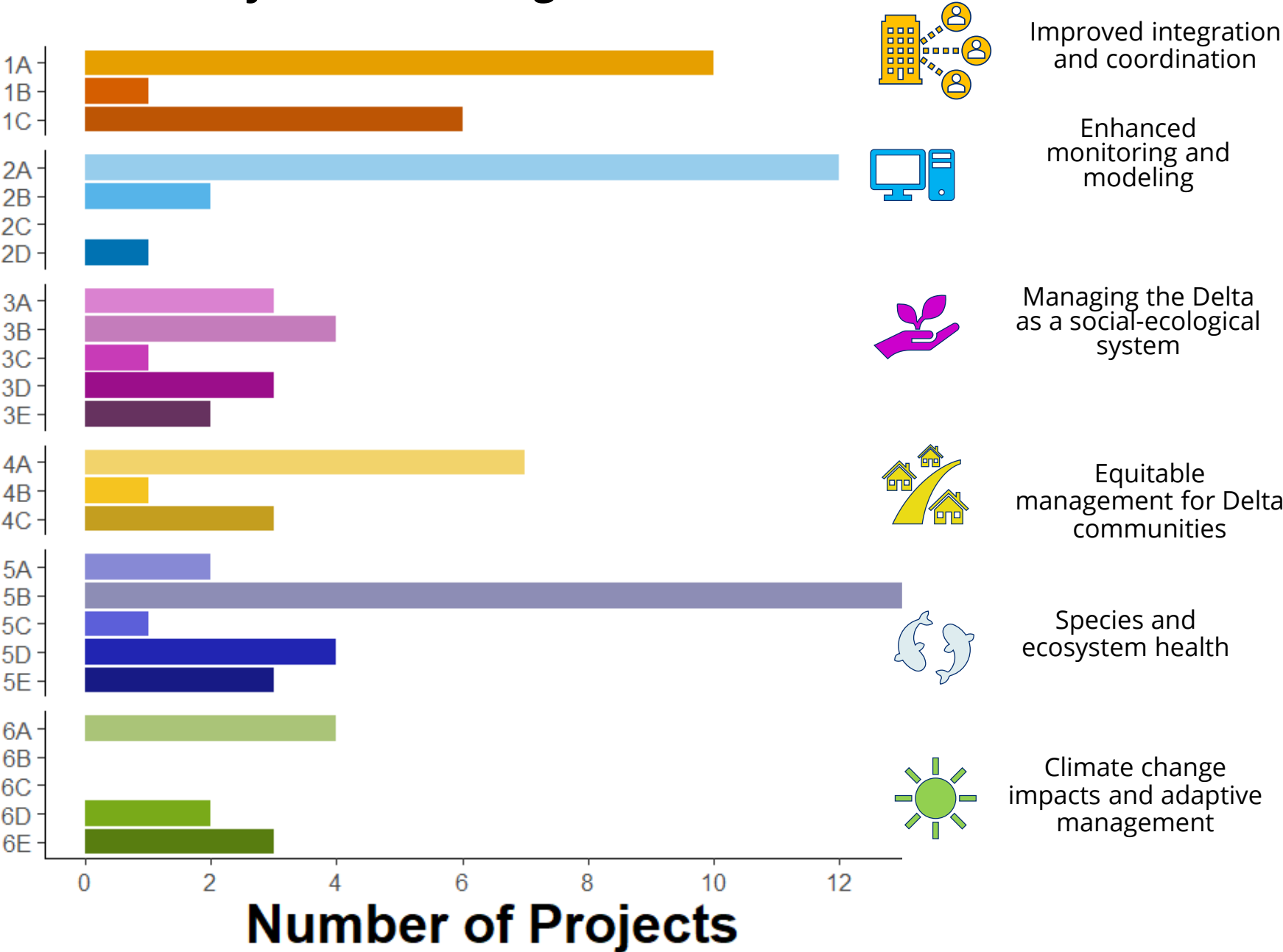
Science Actions



Number of Projects Advancing Science Actions

22 Science Actions
advanced by funded
projects

Science Actions

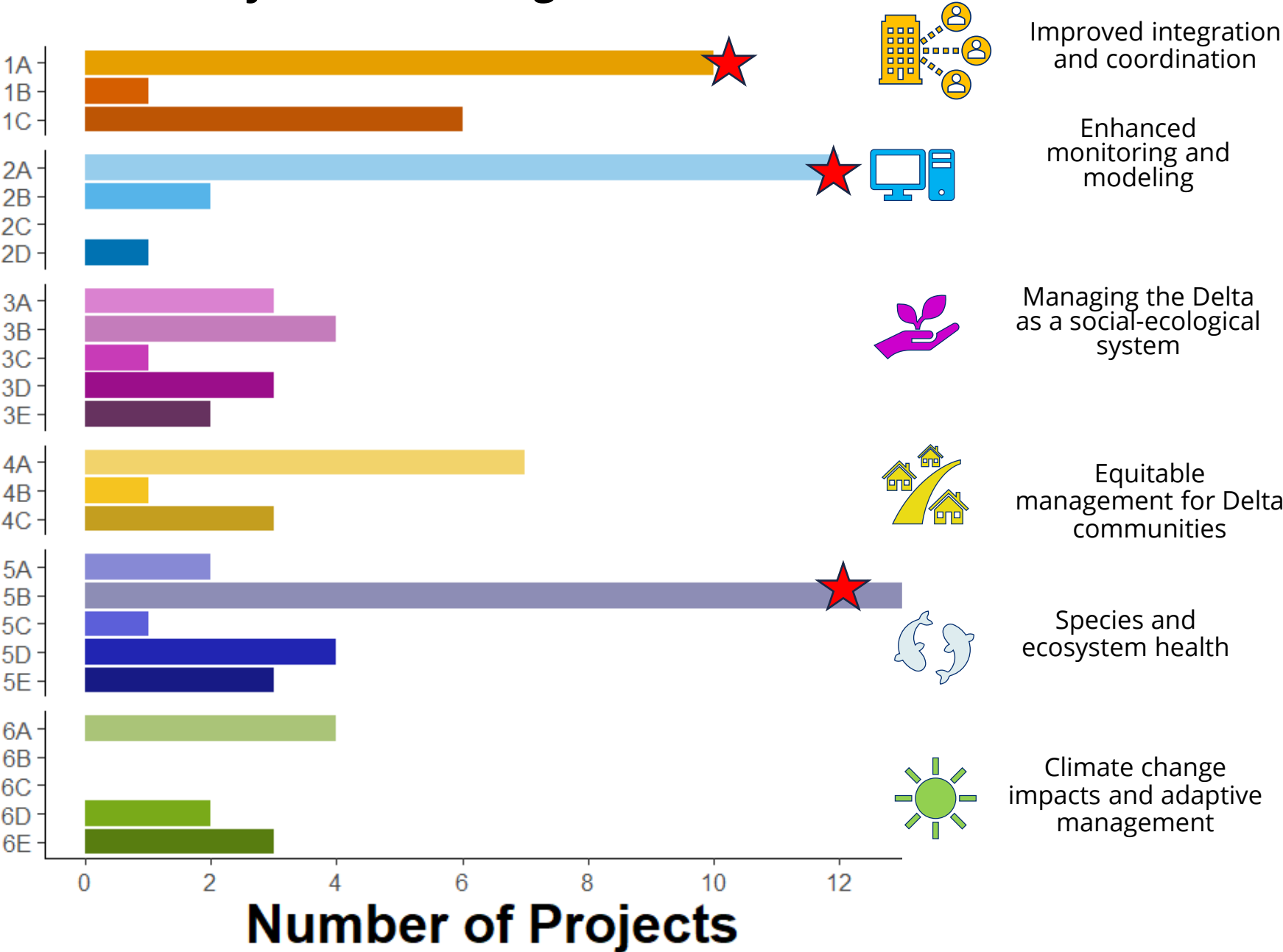


Number of Projects Advancing Science Actions

22 Science Actions
advanced by funded
projects

1A, 2A, 5B
most contributed to

Science Actions



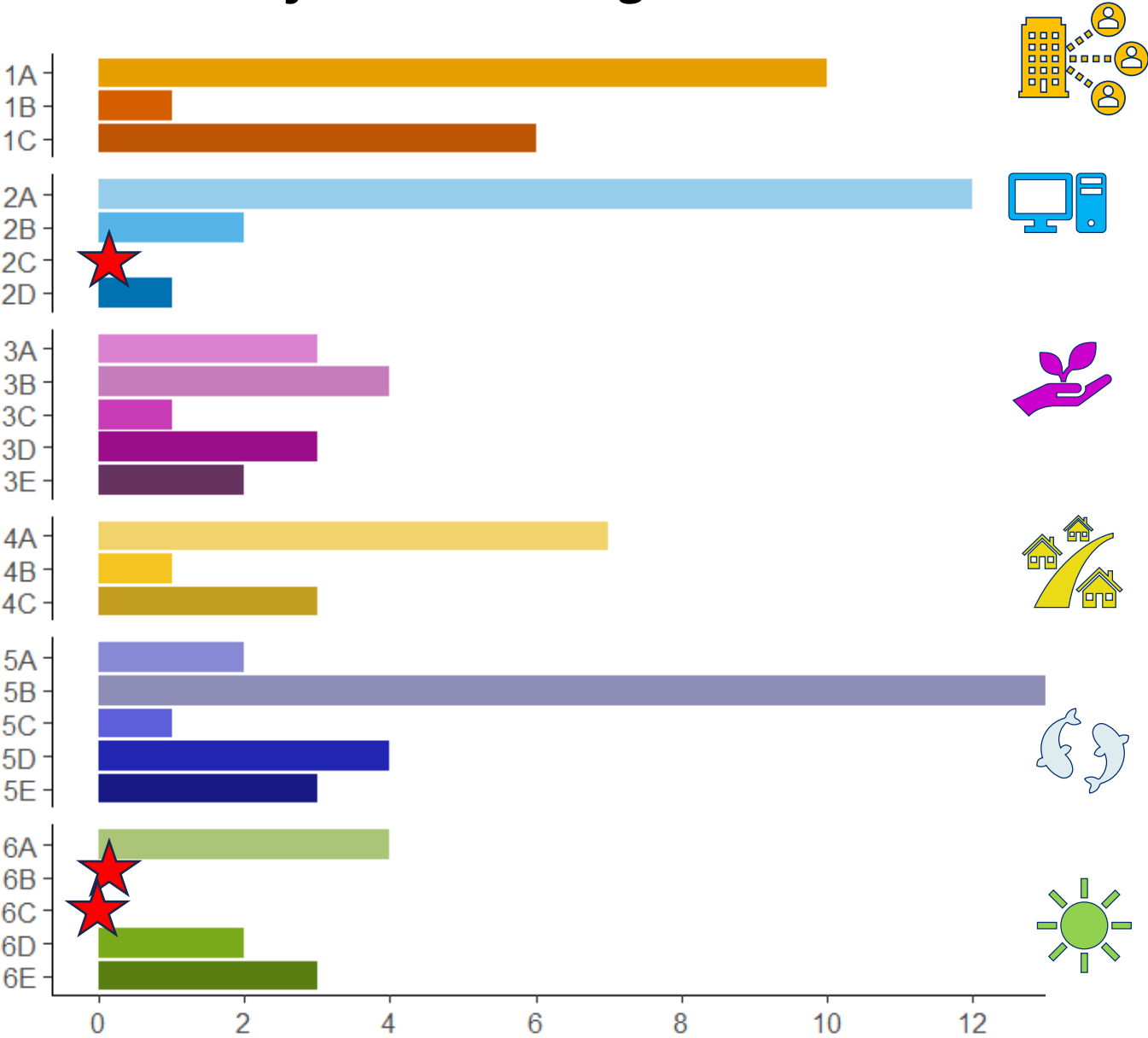
Number of Projects Advancing Science Actions

22 Science Actions
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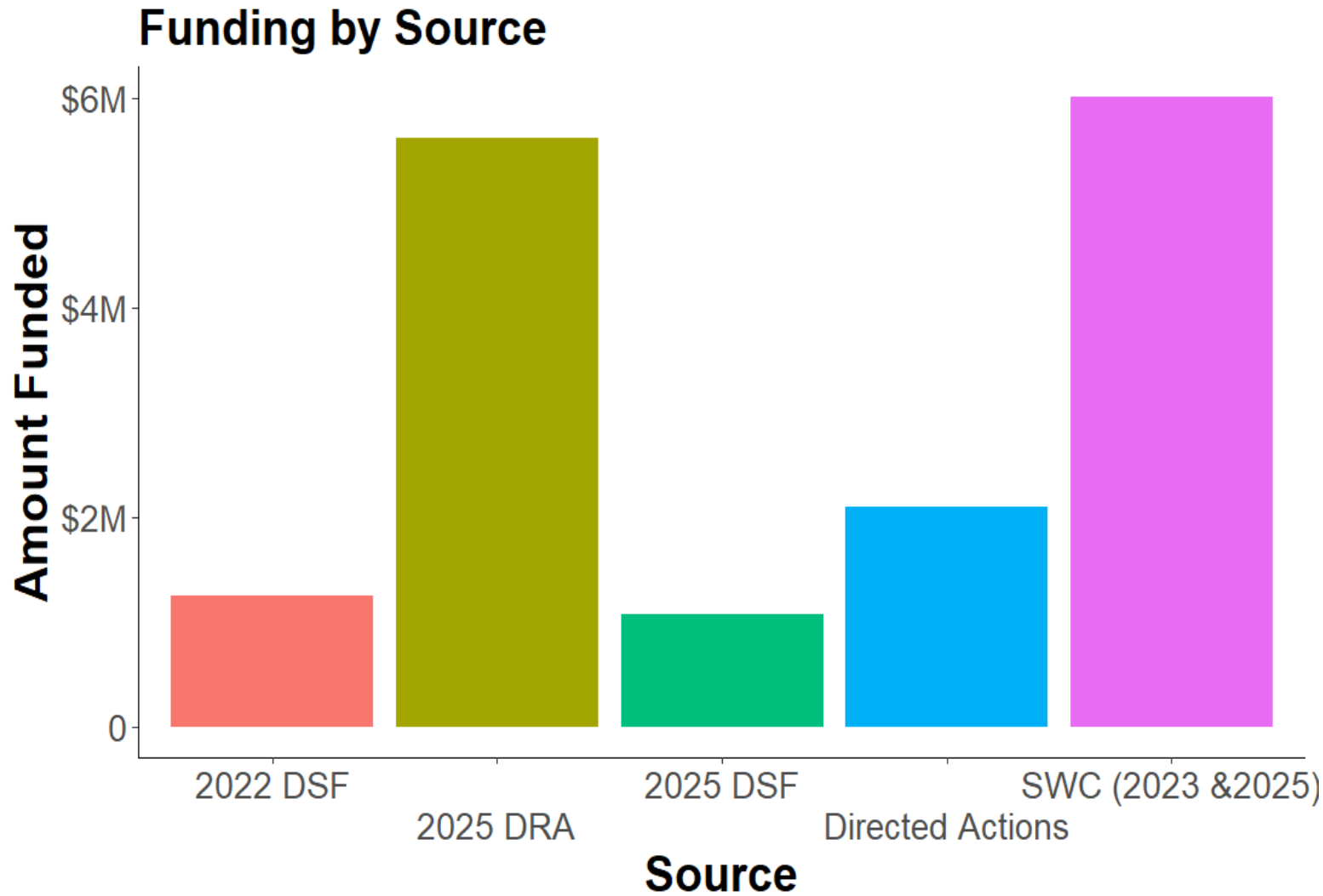
1A, 2A, 5B
most contributed to

2C, 6B, 6C
not contributed to

Science Actions



Number of Projects



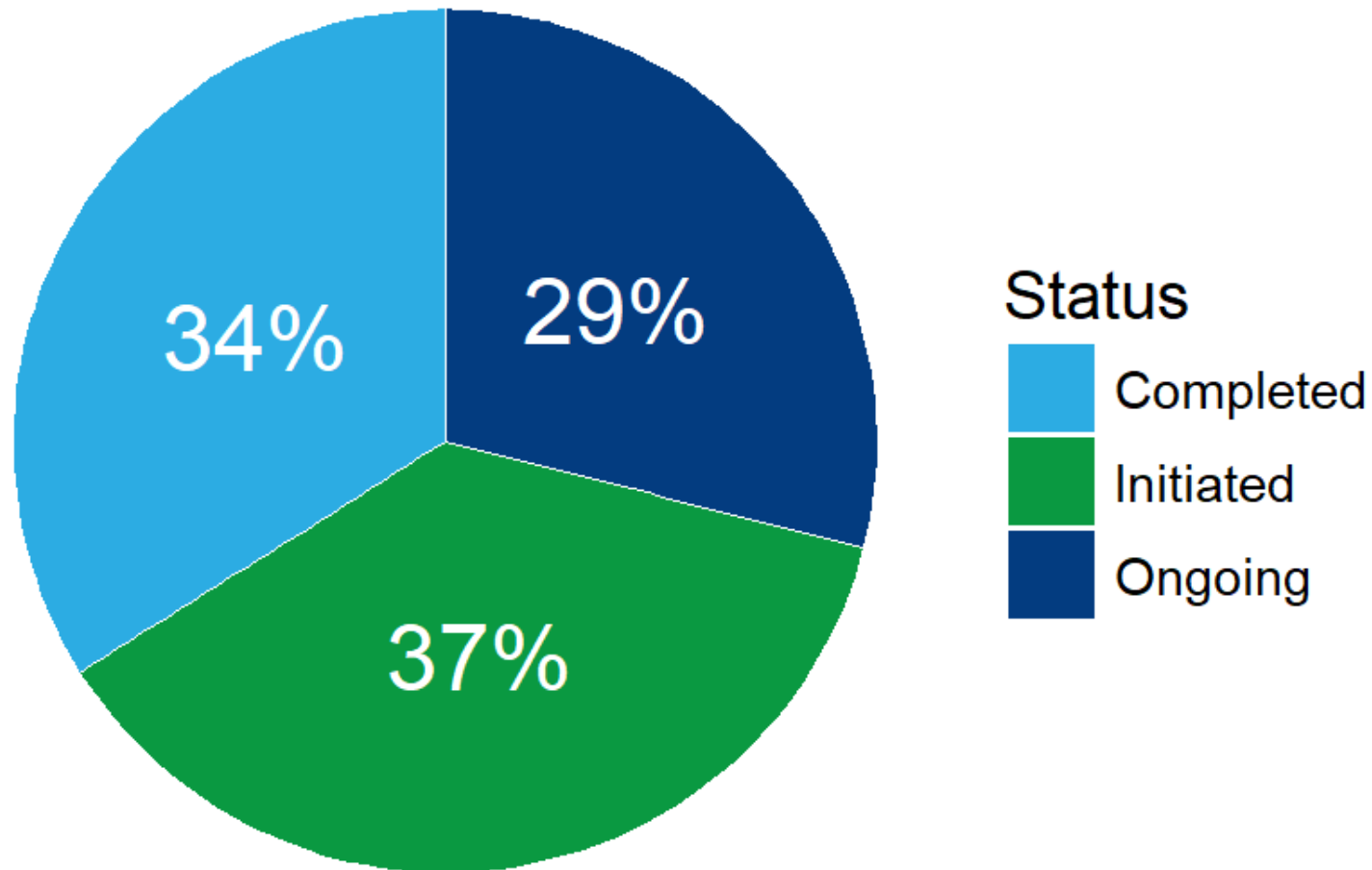
~\$16M

**in funding for
implementation so far**

**2023+2025 SWC &
2025 DRA**

largest funding contributions

Status of Projects

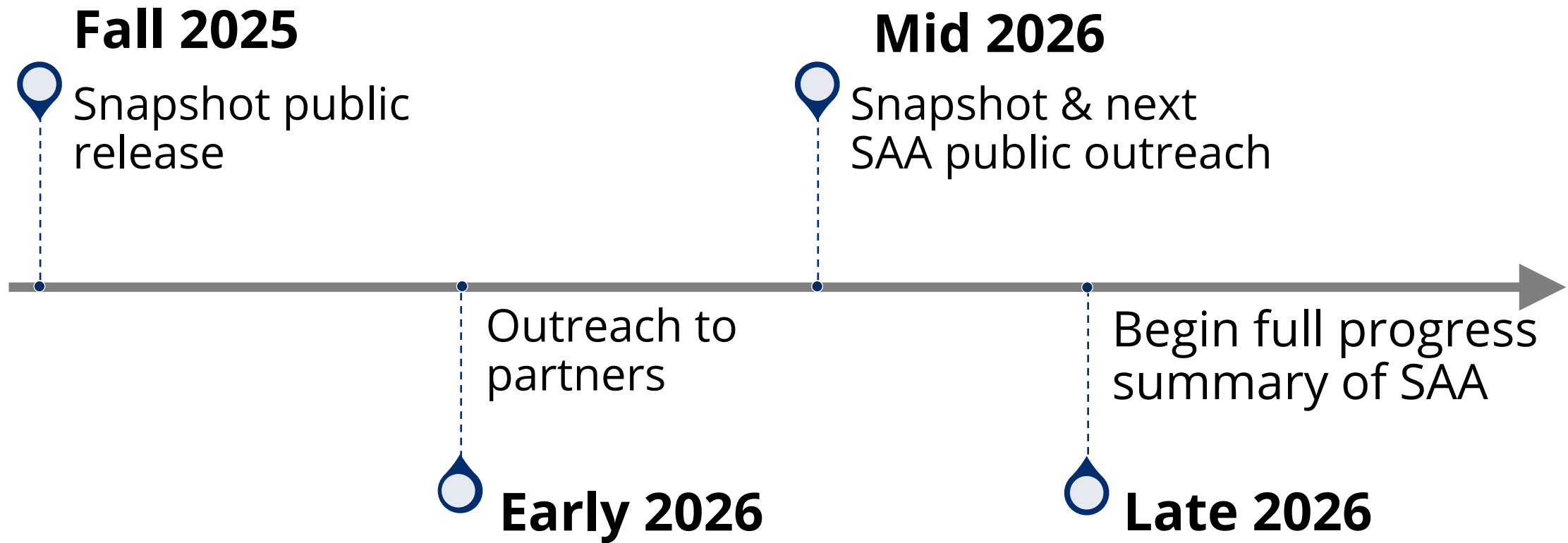


~2/3 of projects
are initiated or ongoing

Key Takeaways

- Diverse range of Management Needs and Science Actions being addressed by projects
- Overall, 2022-2026 SAA progress is in the earlier stages
- ~\$16M has been invested so far
- Full summary to include projects led/funded by other entities
- An extension of the current SAA may be beneficial

Next Steps



Thank you

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