

Miner Health Partnership

Silica Working Group

15 October 2024

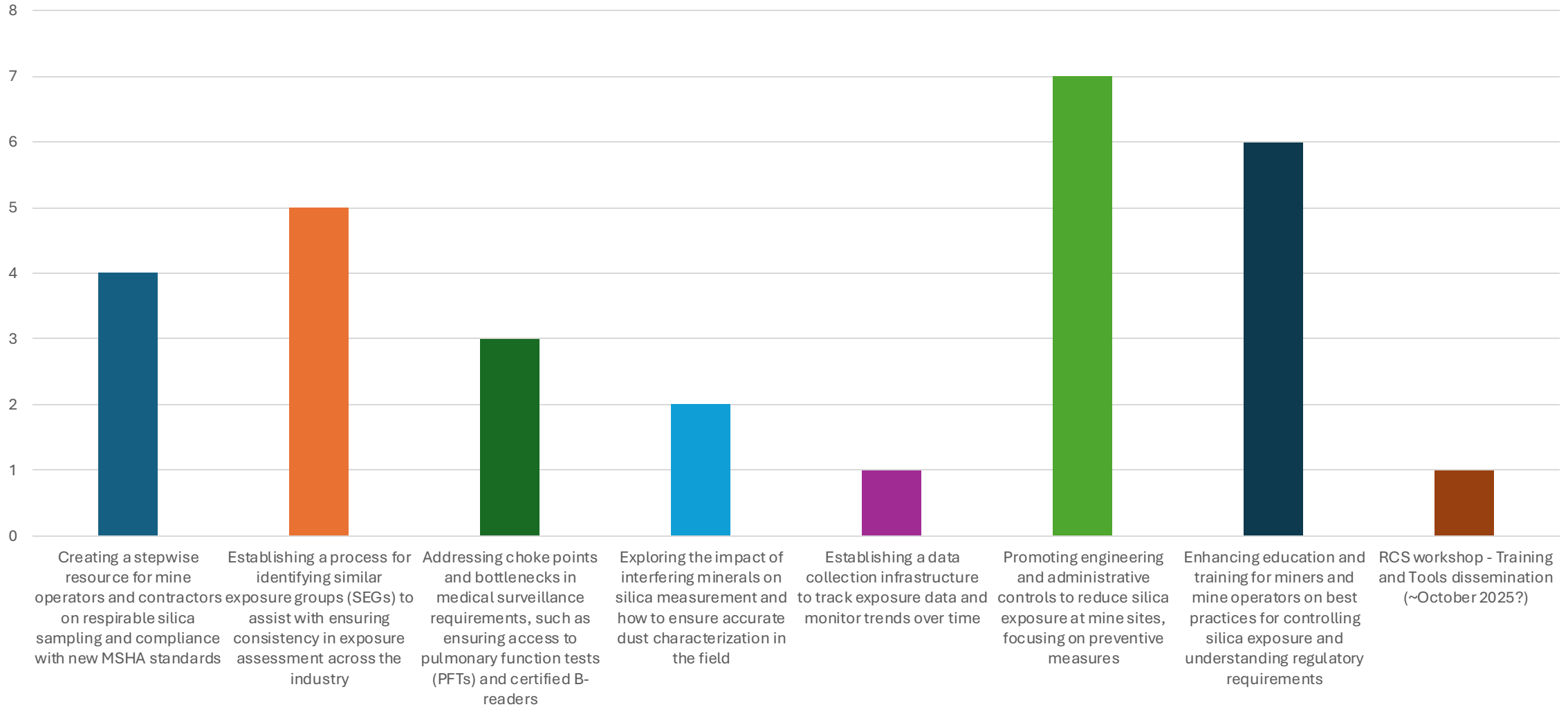
Silica WG Activity – we've been productive

- N=25
- August 2024 – initial meeting
 - Introductions
 - Discussion
 - Identifying ideas of what we wanted to do
- Following the first meeting, members of the Silica WG voted
- September 2024
 - Outcome from votes
 - Discussion
 - Prioritizing and narrowing Lines of Effort (LOE)

Initiatives Presented

- 1 Creating a stepwise resource for mine operators and contractors on respirable silica sampling and compliance with new MSHA standards
- 2 Establishing a process for identifying similar exposure groups (SEGs) to assist with ensuring consistency in exposure assessment across the industry
- 3 Addressing choke points and bottlenecks in medical surveillance requirements, such as ensuring access to pulmonary function tests (PFTs) and certified B-readers
- 4 Exploring the impact of interfering minerals on silica measurement and how to ensure accurate dust characterization in the field
- 5 Establishing a data collection infrastructure to track exposure data and monitor trends over time
- 6 Promoting engineering and administrative controls to reduce silica exposure at mine sites, focusing on preventive measures
- 7 Enhancing education and training for miners and mine operators on best practices for controlling silica exposure and understanding regulatory requirements
- 8 RCS workshop - Training and Tools dissemination (~October 2025?)

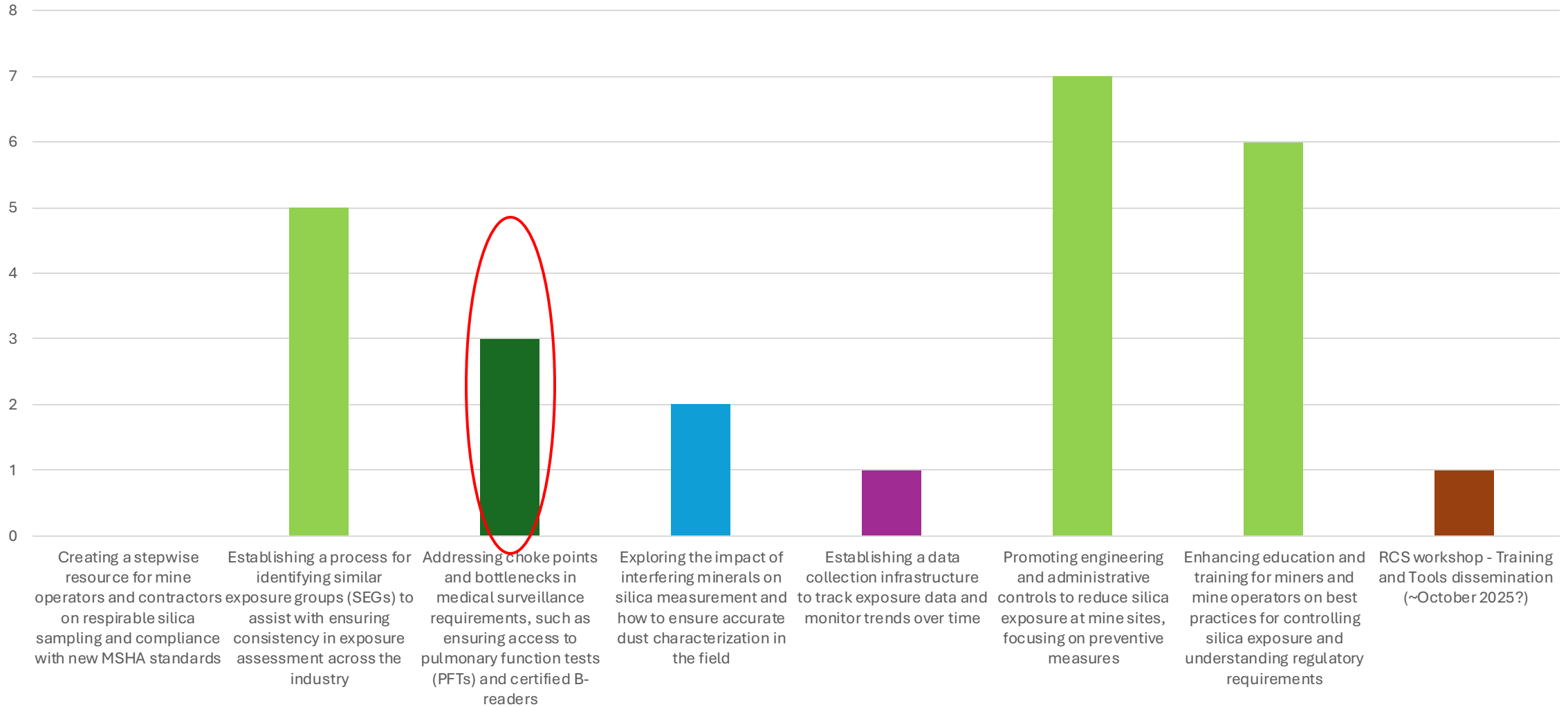
MHP - SWG Initiative Votes 17 SEP 2024



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Sub-Group *Lines of Effort*

- LOE #1 & #2 – Mine Site - Silica sampling strategies and SEGs
 - 8 participants
- LOE #6 & #7 – Mine Site – Silica Control and Mitigation strategies
 - 12 participants
- LOE #3 – Silica Medical Surveillance Resource Site
 - 4 participants

Silica WG – Next Steps

- Each member of the Silica WG will participate in at least one Sub-group
 - Next Steps – between now and the new year, each subgroup will convene to organize and chart the path forward
 - Timeline for outputs ~ 9 months
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- Questions and Discussion