CICompass

Funded by the National Science Foundation, Grant #2127548

FAIR Topical Working Group

CI Compass Cyberinfrastructure for NSF Major Facilities 2024 Workshop

January 17, 2024

Don Brower, University of Notre Dame

USC Viterbi School of Engineering Information Sciences Institute

INDIANA UNIVERSITY

UNIVERSITY OF NOTRE DAME

THE UNIVERSITY OF UTAH

TEXAS TECH UNIVERSITY

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CI Compass FAIR Topical WG

- Started in August 2022
- Objective is to engage MFs to understand FAIR needs and share information
- Open monthly meetings with broad membership: NSF MF, Mid-scale facilities, DOE, GoFAIR, ORCID, NASA

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Monthly Meetings

- Open to everyone
- First Thursday of the month
- 1:15pm – 2pm ET / 10:15 am – 11am PT

- contact@ci-compass.org

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People (partial list)

Angela Murillo (CI Compass/IU Indianapolis)
Charles Vardeman (CI Compass/Notre Dame)
Don Brower (CI Compass/Notre Dame)
Shawna Sadler (ORCID)
David Butcher (MagLab)
Chris Bontempi (Network for Advanced NMR)
Christine Laney (NEON)
Bruce Berriman (JPL/CalTech)
Doug Fils (Ronin Institute)

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2023 Activities

- Speakers
- FAIR for Large Research Facilities Workshop
- NSF FAIROS RCNs
- Survey

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Speakers 2023

Invited presentations:

- *FAIR for Facilities and Instruments* — Matt Mayernik (NCAR), Andrew Johnson (Colorado)
- *Research Security* — Michael Corn (NSF)
- *SciEnCV and Identifiers* — Bart Trawick (NCBI/NLM)

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FAIR for Large Research Facilities

Workshop at Joint Conference on Digital Libraries, June 2023

- Speakers
  - David Butcher (MagLab)
  - Brian Minihan (ORCID)
  - Christine Laney (NEON)
  - Debjani Singh (ORNL)
  - Laurel Winter (LANL/MagLab)
  - John Quincy Wofford (LANL)

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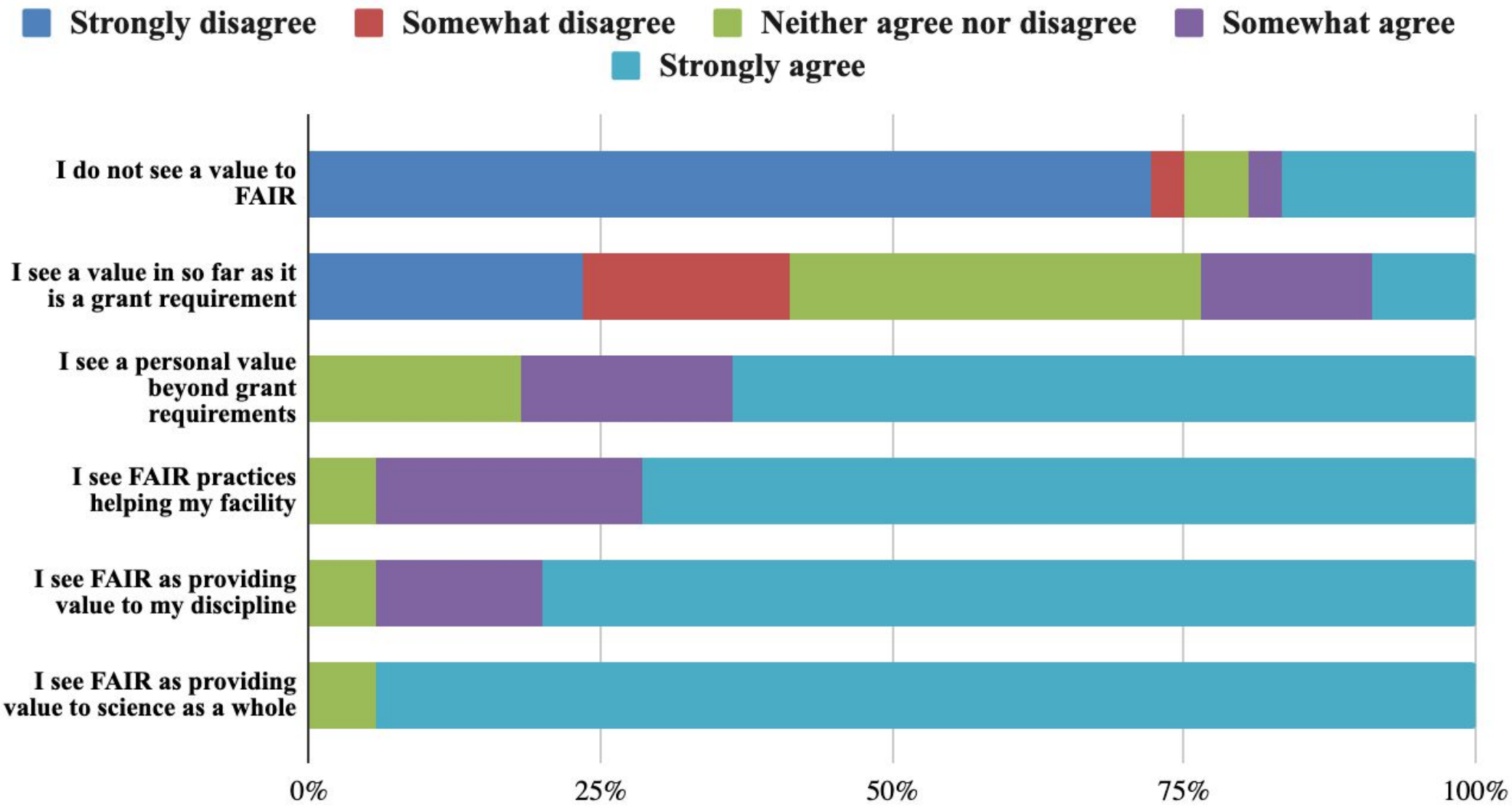
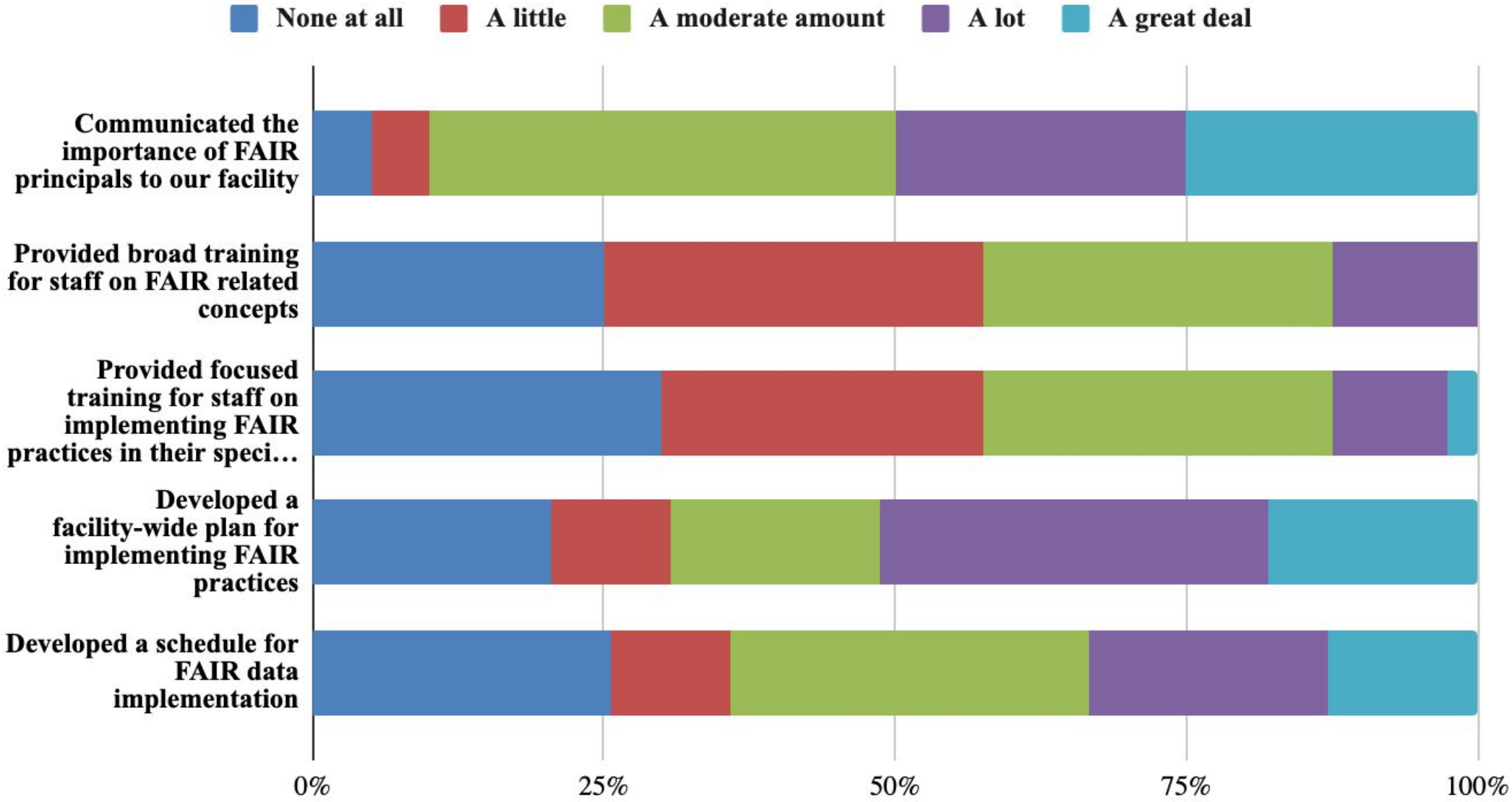
FAIR Survey

- Data collected March 2023
- Received 54 responses, and did 9 follow-up interviews
- Goals
  - How do major facilities self-assess their FAIR practices?
  - Identify technologies being used for data management and FAIR

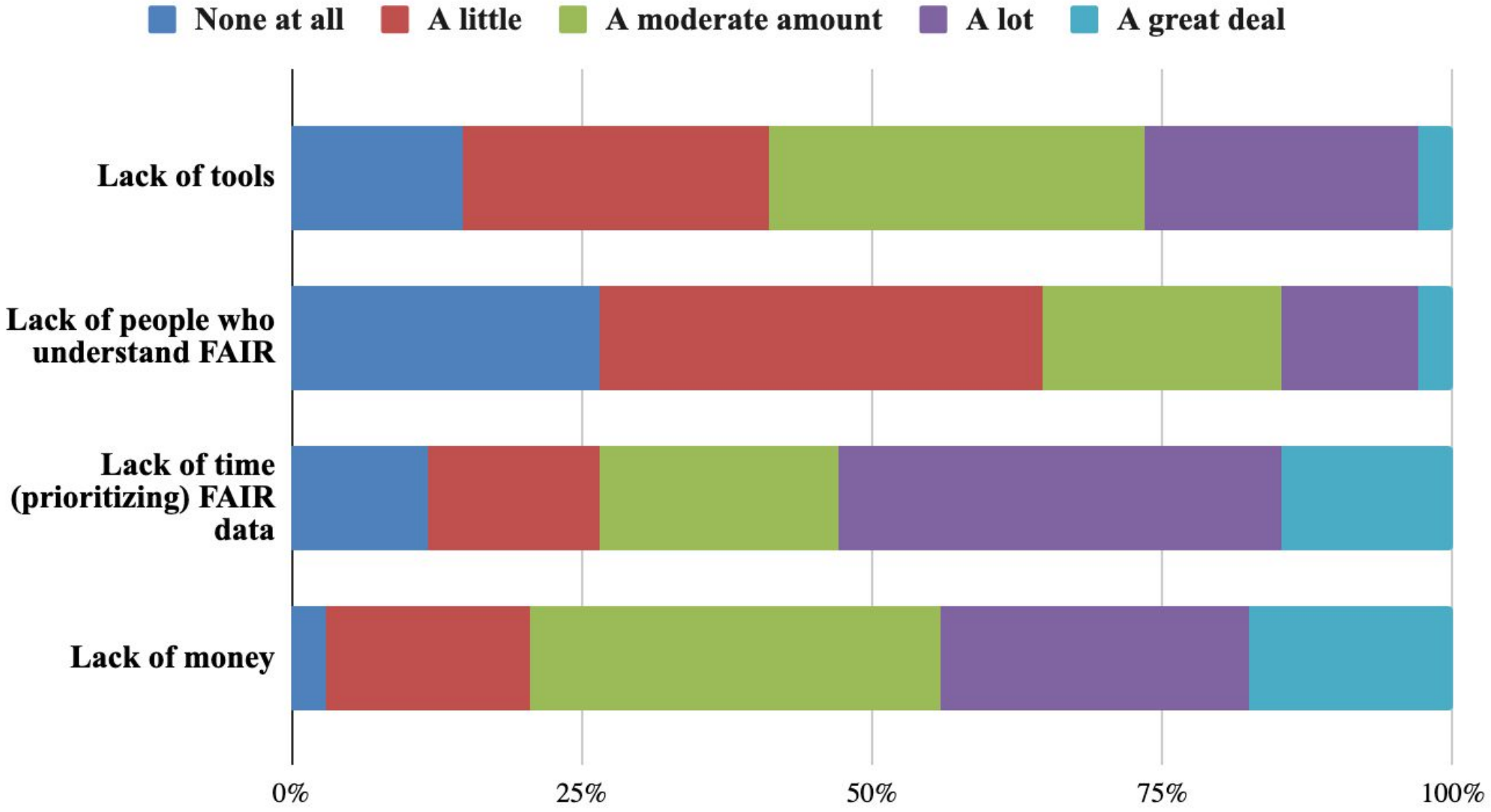
Do you see value in applying the FAIR principles to data generated at your facility?



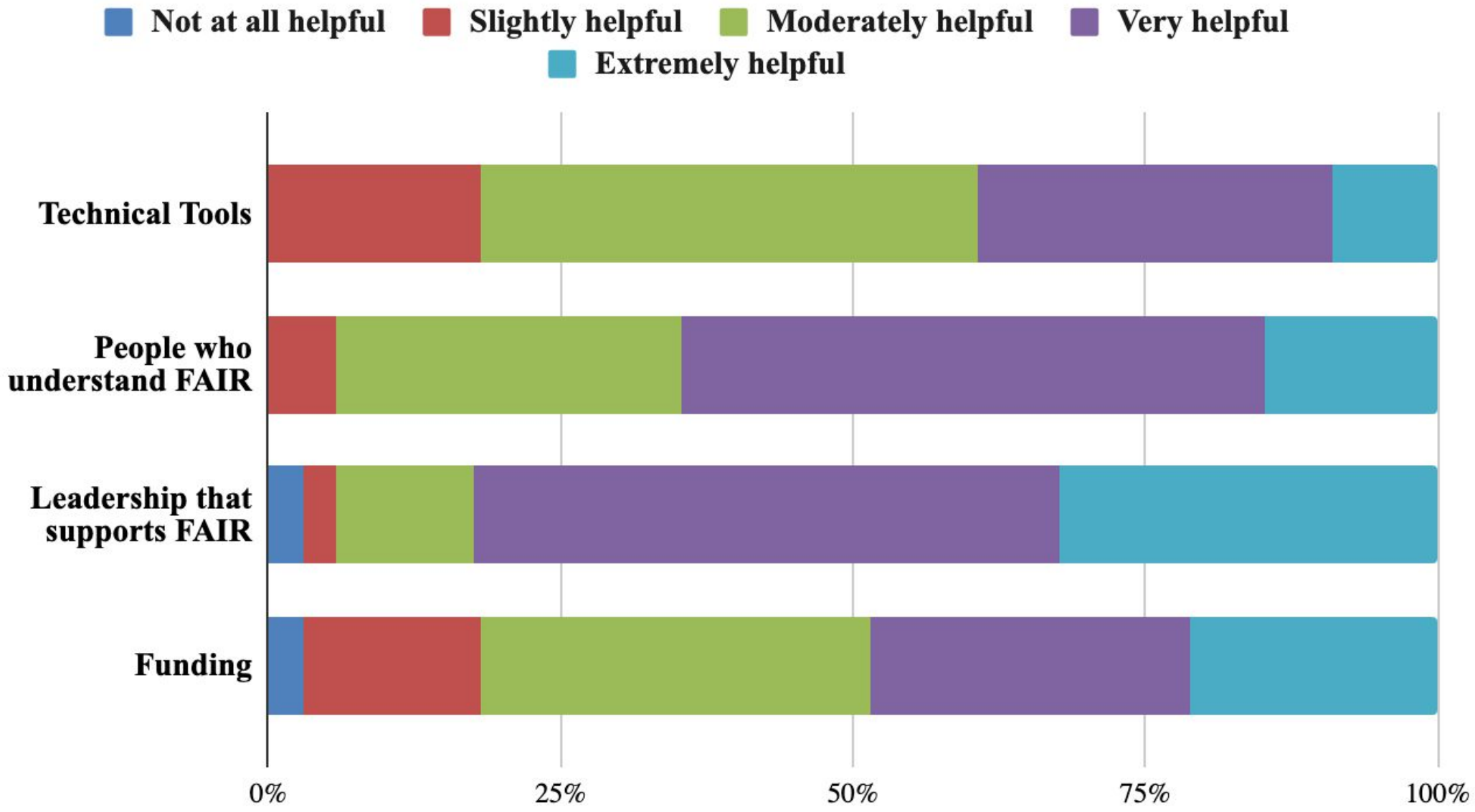
What progress has your facility made toward making research data more FAIR?



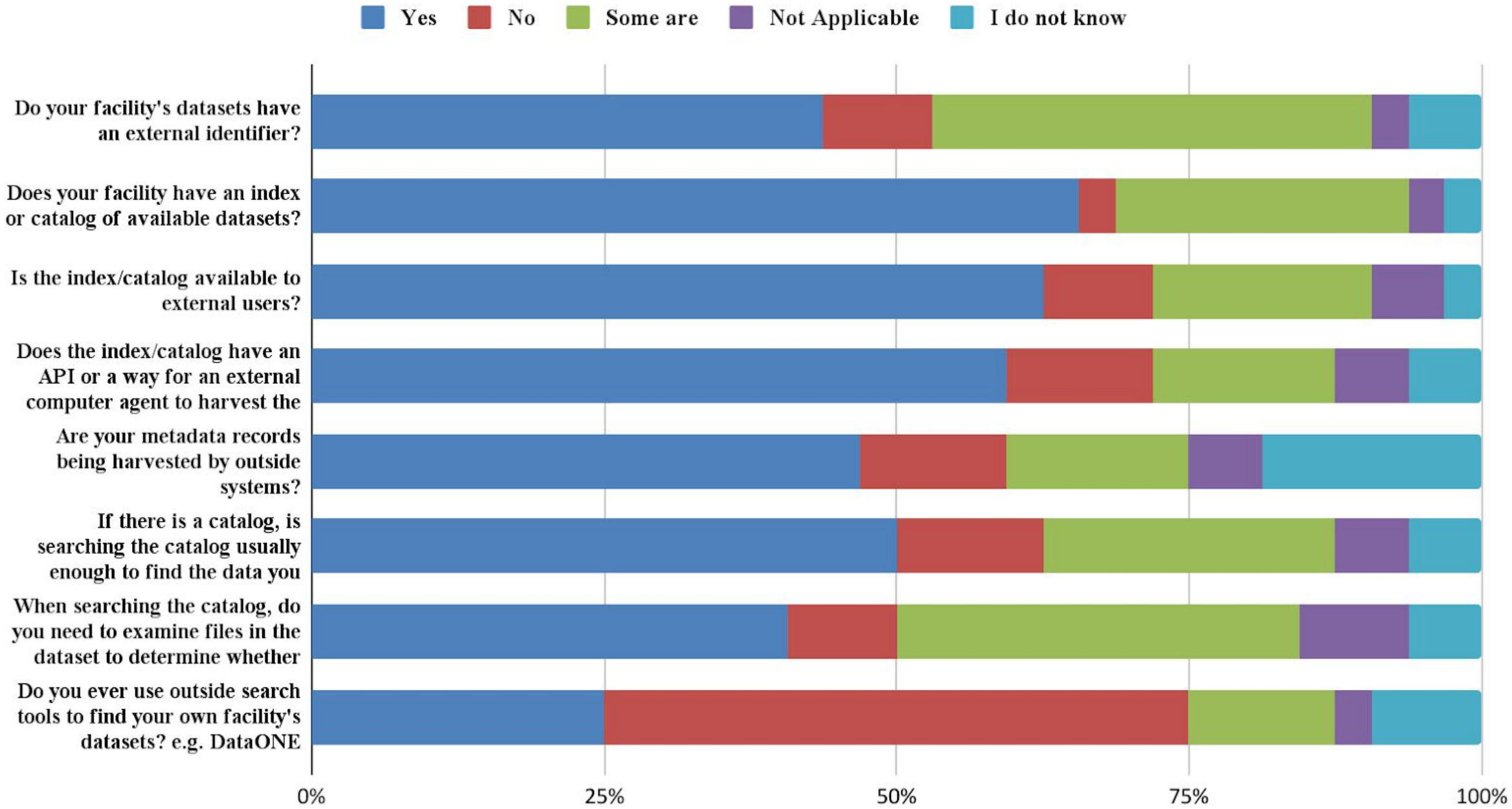
How much of a hinderance have the following been in regards to implementing FAIR at your facility?



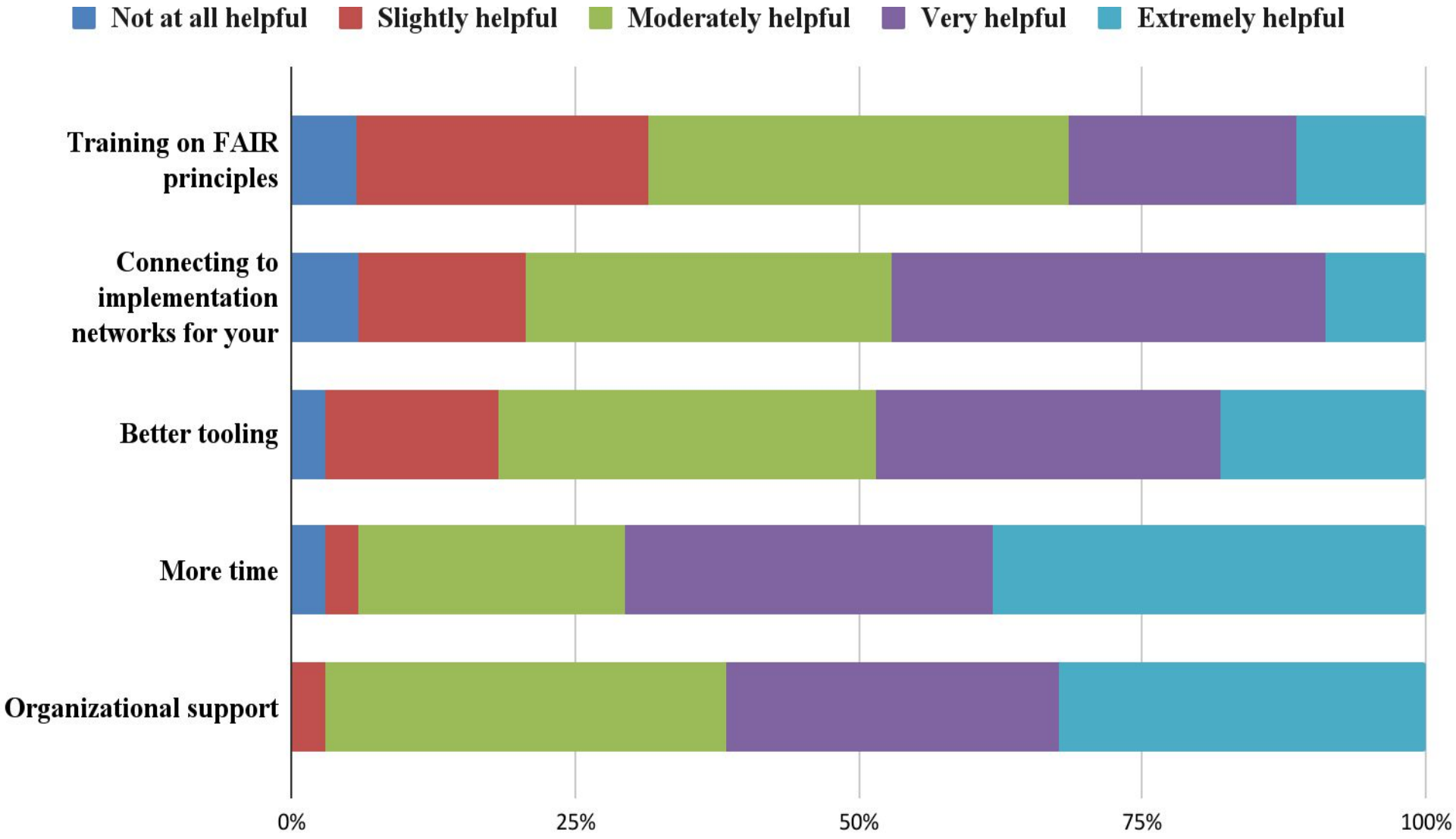
Which of the following have been helpful in regards to FAIR implementation at your organization?



To the best of your knowledge does your facility do/have?



What would help you most in becoming more FAIR?



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“Do you see AI/ML as a driver for FAIR data practices? If so, please describe.”

Yes	9	47%
No	4	21%
Unsure / Unrelated / Not Now	6	32%

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2024 Plans

- Participate in July ESIP meeting
- Continue engagement with FAIROS RCNs
  - Instrument Identifiers
  - FARR – FAIR AI Readiness & Reproducibility
- Speakers / Webinars

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Meeting Time

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