



Assessing SHARE

A free open data set of research outputs

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INTRODUCTION

SHARE is a partnership between the Association of Research Libraries (ARL) and the Center for Open Science (COS) to aggregate free, open data that describes and links scholarly activity across the research life cycle. Scholarly activity includes published papers but also research data, code, software, proposals, preprints, and more. SHARE aggregates metadata about research from registries and distributed digital repositories of all kinds via an open source API. With SHARE's API, research activity can be linked within and among many sources to form a more complete picture of scholarship. While co-managed by ARL, SHARE is a multidisciplinary, inclusive community project open to all to participate in and use.

MISSION

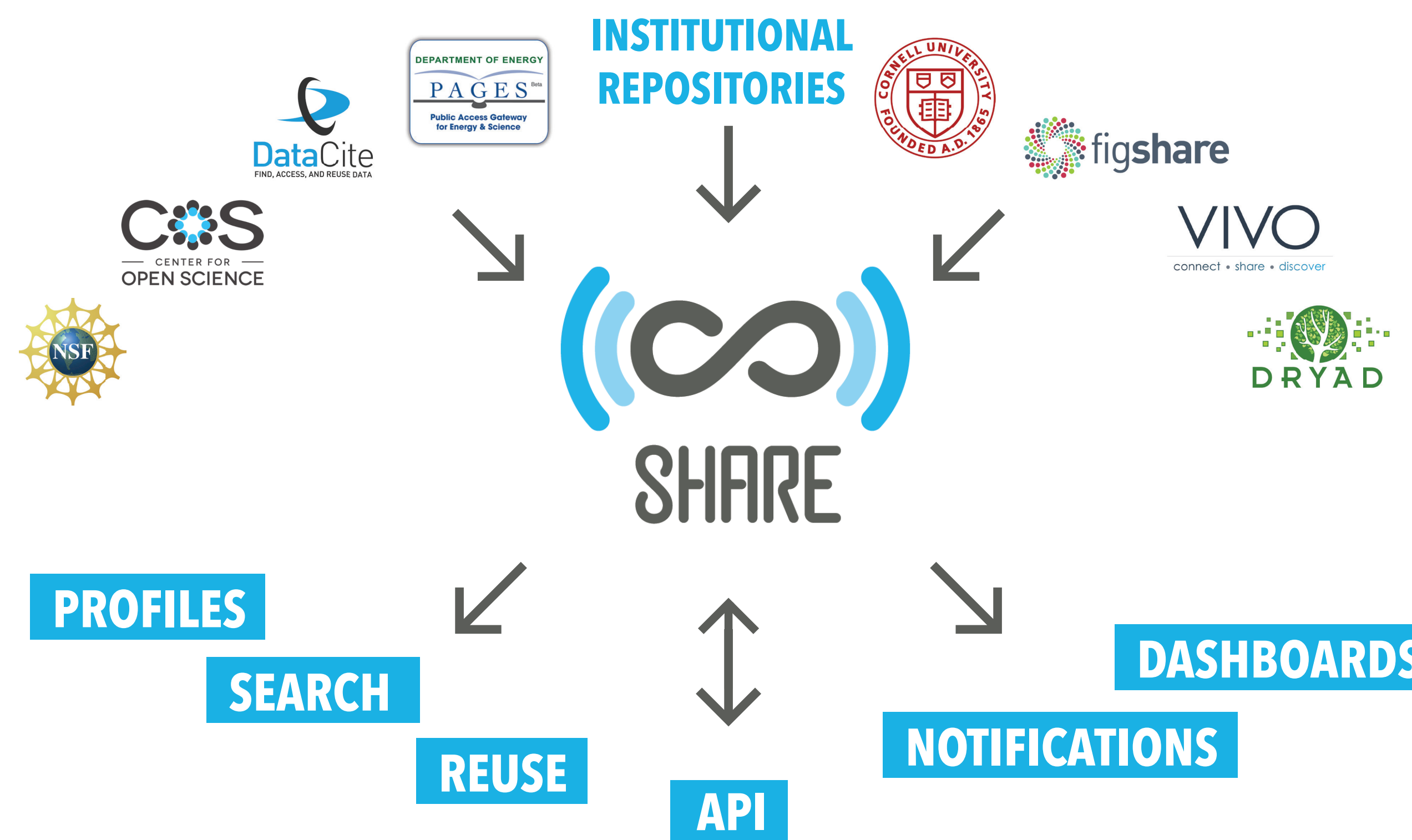
SHARE is a higher education initiative whose mission is to maximize research impact by making research widely accessible, discoverable, and reusable. To fulfill this mission SHARE is building a free, open data set about research and scholarly activities across their life cycle. Making research and scholarship freely and openly available encourages innovation and increases the diversity of innovators.

RESEARCH LIFE CYCLE

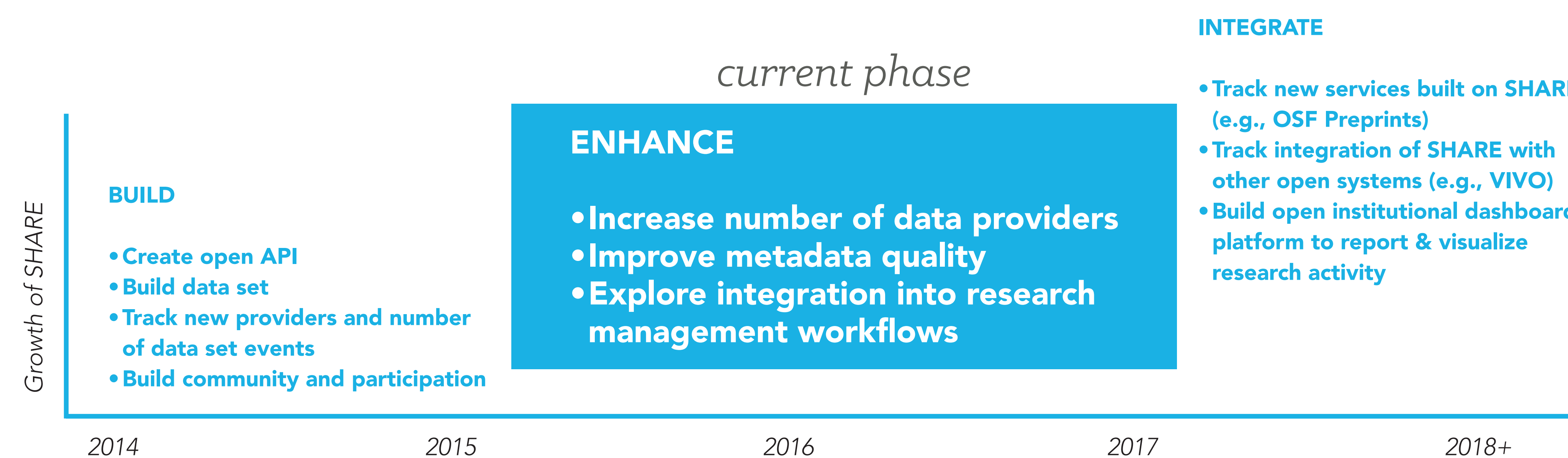


Thanks to Mary McGowan at Boston University libraries and the Mugar Greene Scholars, Zichun Zhou and Erin McCarthy, for the poster design.

DATA SET



PHASES & GOALS



build infrastructure

milestones

Enhance metadata

Add data content providers, e.g., data repositories

Adopt more identifiers in metadata schema

- Track disambiguation, de-duplication, etc.
- Develop or adapt cleanup techniques

- Increase content providers >150
- Display provider characteristics in dashboard

- Track % of new events with specific identifiers

build collaborations

milestones

Increase linking among providers (e.g., among repositories)

Develop open institutional dashboard

Profile graduate student researchers via IRIS-SHARE interactions

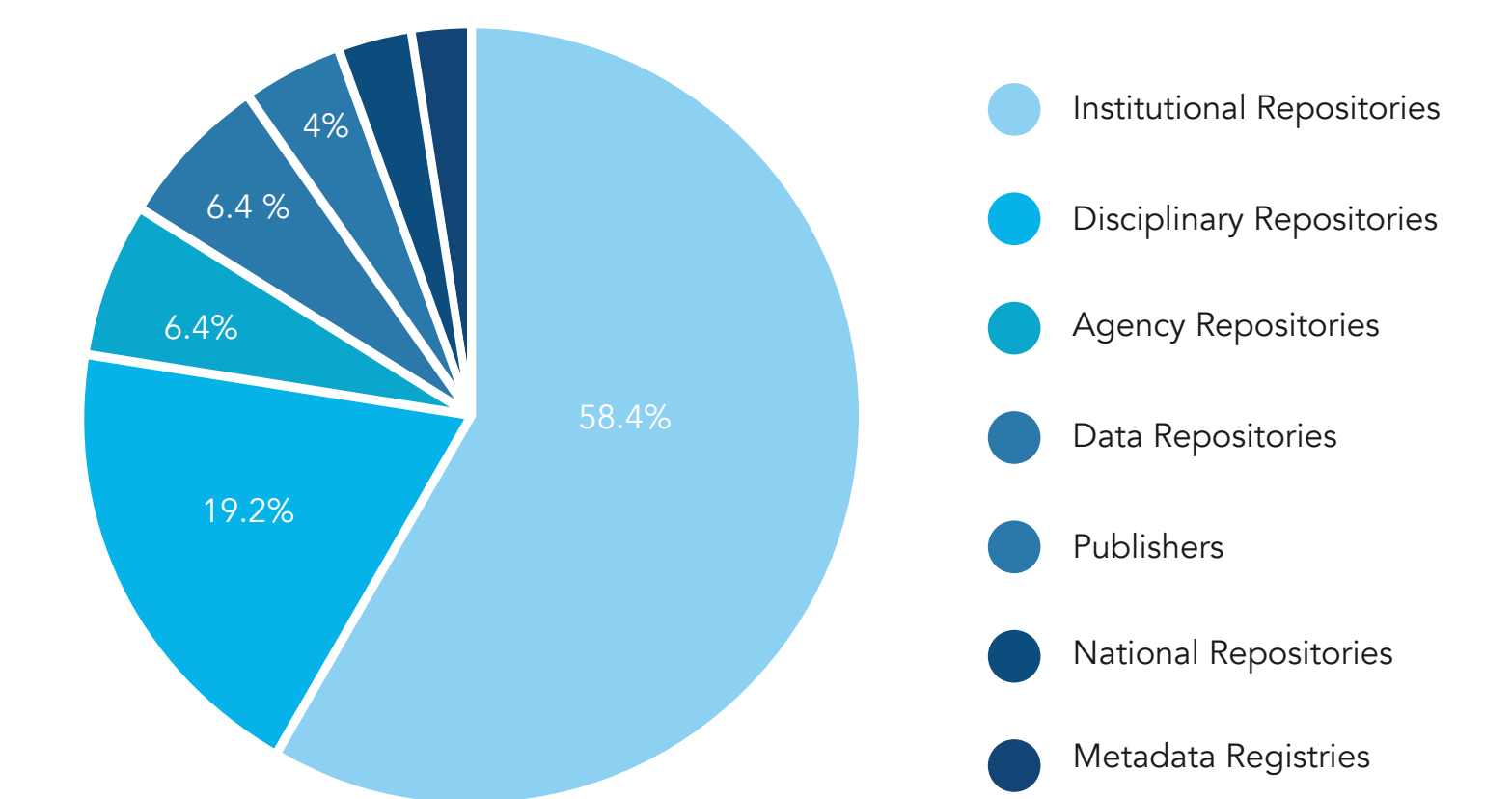
- Recruit demo institutions
- Model or network diagram

- Wireframes
- Basic SPECs

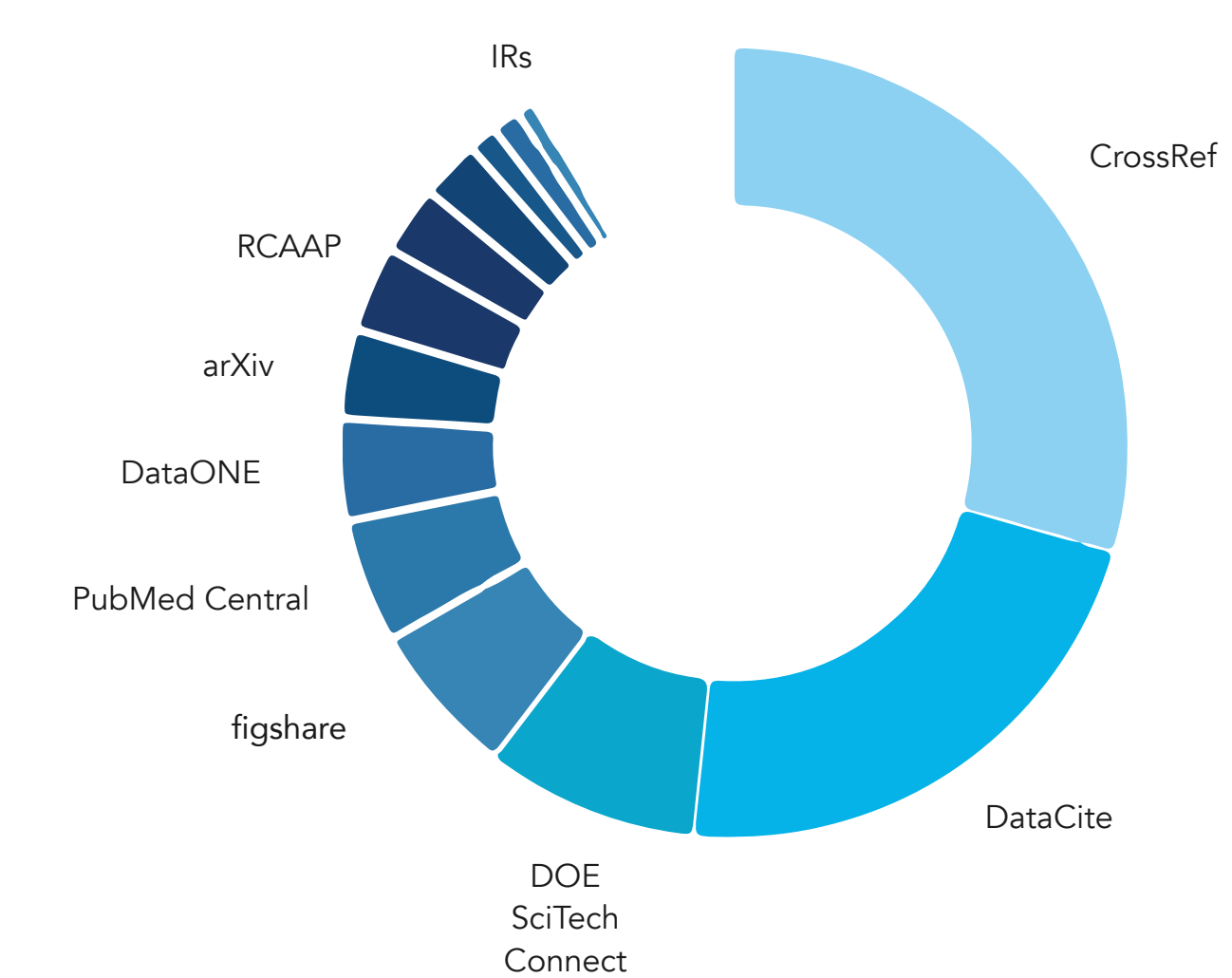
- Demonstration project
- Profile model

RECORDS IN DATA SET

by provider type



by provider



CONCLUSION

By integrating with other open systems, SHARE and the Open Science Framework (OSF) provide an alternative path forward for researchers, higher education, and libraries. SHARE and OSF services are offered for free and support the complex needs of today's research community. Built as public goods, these services support the research life cycle and enable the long-term stewardship of all forms of research activity within distributed and open repositories.

DEVELOPERS & FUNDERS

