

Encouraging Data Sharing Outside of Mandates

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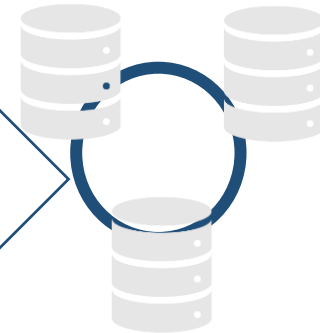
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Maximizing the Impact of Research to Improve Human Health



2018 Survey of Membership

Where are HRA Members on this Continuum of Data Sharing Policies?



Many

Some

A few

**10 had rolled
out a plan!**

A little help
here please??

Some
(but none scored
strength of DSP)

***How would you
even do that?***

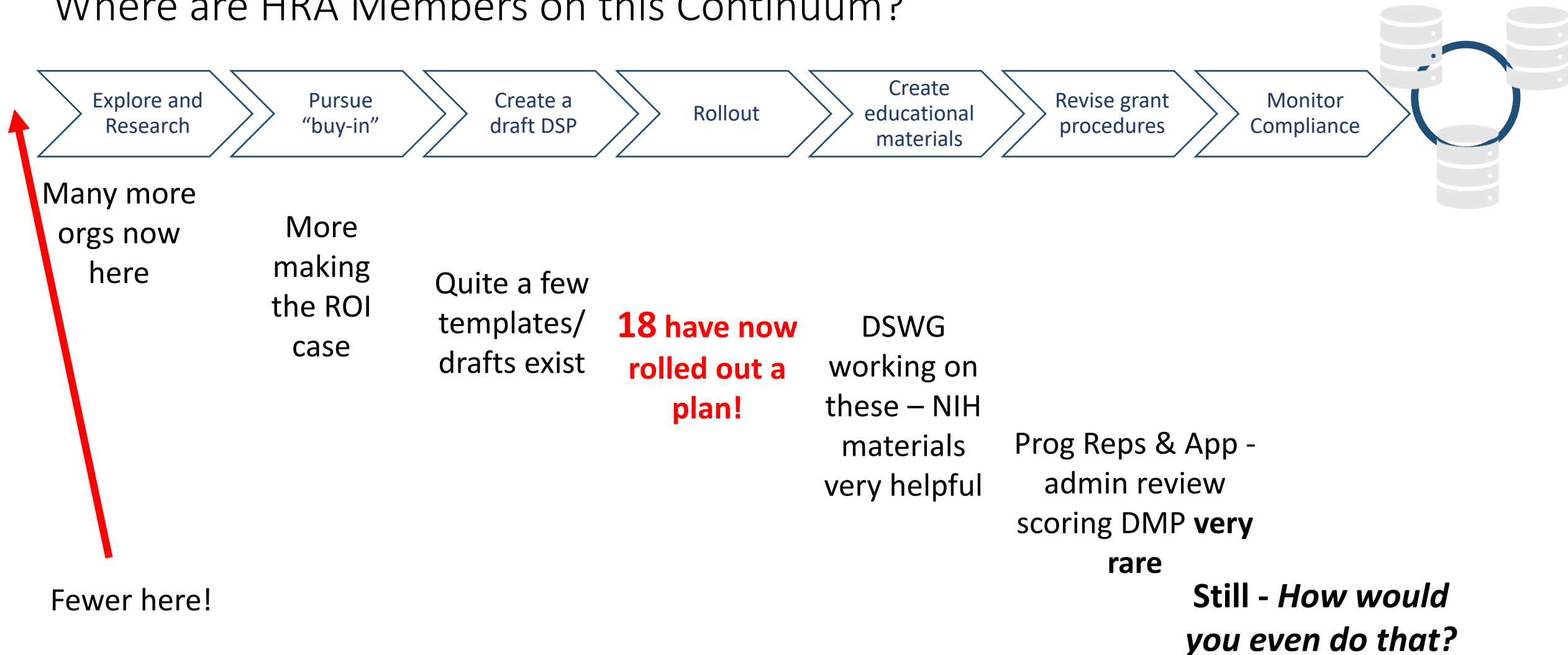
Most were
still here

Goals

- Inform HRA members about the **issues** (*what is FAIR, DMP/DSP/DAS*) and **tools** (*e.g. DMP tool*) to facilitate data sharing
- Help members communicate the **value proposition** of implementing policies
- Help members **identify elements** of a policy that fit their mission and resources
- Create a **learning community** to share successes, challenges and resources – clear and consistent expectations help make sharing **normative**

2021 Survey of Membership

Where are HRA Members on this Continuum?



We Need “FAIR Resources”

- **Success stories** to demonstrate ROI to leadership, researchers, etc
- **What** data & outputs and important to share, **when, where, and how**
 - *Elements of an optimal repository, critical metadata, other outputs, timing, etc*
 - *Use of DOIs/PID, importance of citations*
- **Elements** of a robust DM&SP or DAS (*FAIR, Machine readable?*)
- **Template language** for policies, grant agreements, etc.
- **Reviewer training** to enable scoring as part of the external review
- How to **adequately resource** an effective data sharing policy
 - *Personnel and resource costs to development, implement, and enforce policies*
 - *Researchers need ADDITIONAL resources*

We Need Technology & Partnerships



- Technology that links data generation to critical outputs (*protocols, code, etc*)
- A system to track and evaluate data sharing behavior (applicants & grantees)
 - *What data have you shared?*
 - ***How have others used it?***
 - *Have **you** used **others'** data to advance the field?*
- A system to publicly commend grantees for “good behavior” (*DS Index? badges?*)
(*since no leverage or reward after the grant term*)
 - *Subsequent funders, reviewers, hiring and P&T committees can “see” evidence of prior good or bad data sharing*
- Partnering with various sectors (*nonprofits, government, academia, repositories, publishers*) to set consistent expectations for data sharing

} **It's about RE-USE!**

Maryrose's Takeaways



“FAIR” Resource Library

Success stories – demonstrate ROI

Effective DM Policy and Plan elements

Tools and guidances (“Selecting a Repository for Data”)

Reviewer Training

Cost estimator

Template Terms and Conditions language

Technology

Monitor Compliance

“Badge” good behavior

Partnerships with nonprofits, government, universities, repositories, publishers