OTA-24-005: NIH Common Fund Data Ecosystem (CFDE) Cloud Workspace Implementation Center (OT2)

March 7, 2024

CFDE Program Management Team

NIH National Institutes of Health
Office of Strategic Coordination—The Common Fund

Agenda

o Overview of CFDE

o Overview of the CFDE CWIC Research Opportunity Announcement (ROA)
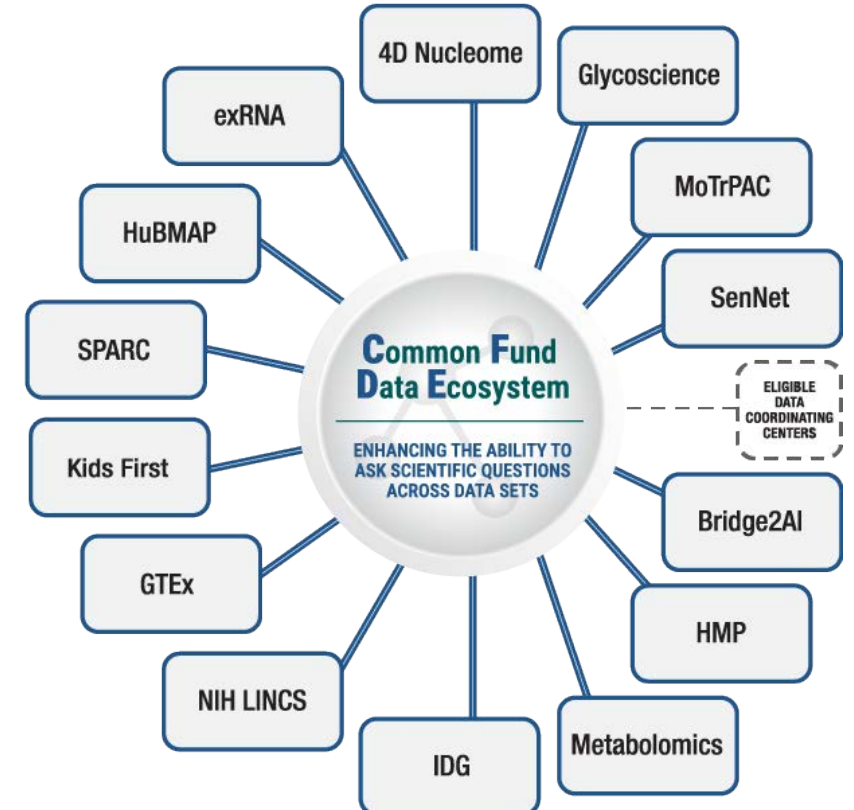
o Questions & Answers

Brief Overview of CFDE

CFDE Structure in the Pilot Phase

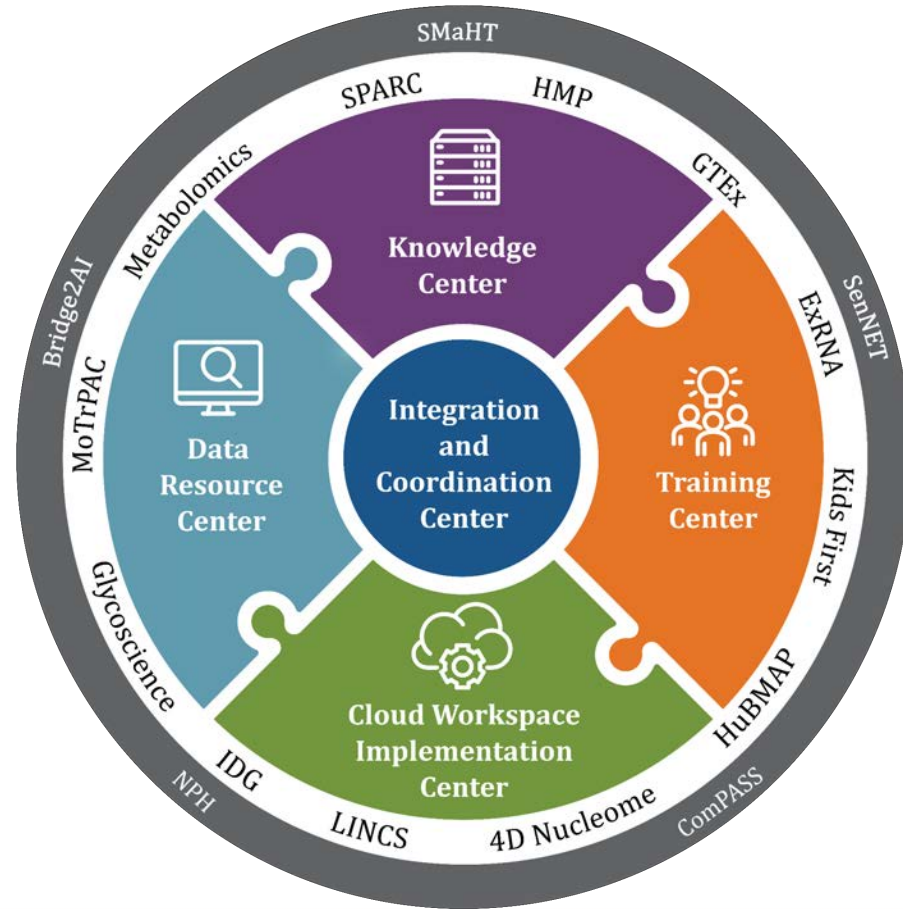*December 2019 - September 2023*

During the pilot phase, CFDE consisted of:

1. A single Coordinating Center (CFDE-CC) whose responsibilities included:
   - Technical and logistic coordination
   - CFDE Portal
   - Searchable data set catalog
   - Metadata standardization

   - Training and outreach; and

2. Engaged CF Program DCCs that participated by:
   - Submitting metadata to the data set catalog
   - Performing FAIRness assessments
   - Partnering to integrate data sets and digital resources across CF Programs

CFDE Structure in Phase II

October 2023 – September 2028

In phase 2, CFDE will be composed of,

- Five interconnecting Centers
  - Data Resource Center
  - Knowledge Center
  - Integration & Coordination Center
  - Training Center
  - *Cloud Workspace Implementation Center*

- Engaged Common Fund Program DCCs, the number of which will continue to increase over time

Brief Overview of the ROA

OTA-24-005

https://commonfund.nih.gov/sites/default/files/OTA-24-005.pdf

The purpose of this ROA is to establish **the CFDE Cloud Workspace Implementation Center (CWIC)**

- The CWIC will develop a cloud workspace that enables users to import their data and co-analyze them together with other CF datasets.

- Applicants may leverage elements of existing workspaces that meet the ROA requirements.

- The needs of both novice and expert users should be considered.

Goal 1: Provide access to CFDE data and allow users to import data from other sources

- Must work in coordination with the CFDE DRC, CFDE KC, and individual DCCs to enable users to search for and import datasets.

- Must allow users to import their own data and data from third-party repositories not affiliated with CFDE.

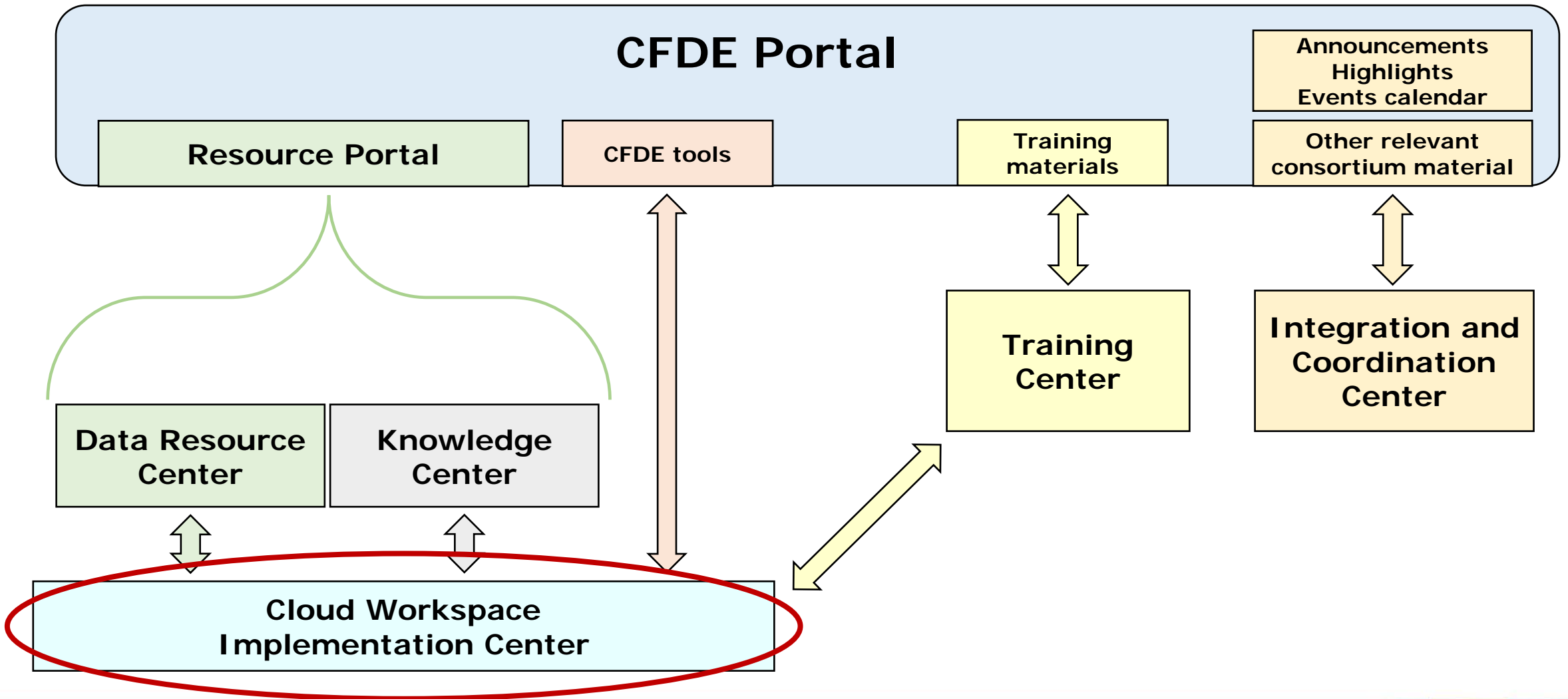- Must provide users with an estimate of cloud storage costs they are likely to incur.

Goal 2: Provide users with access to tools, workflows, and pipelines developed by CFDE

- Must work with the CFDE DRC, CFDE KC, and individual DCCs to enable users to use tools, workflows, and pipelines developed by CFDE.

- Must allow users to import and use their own tools.

- Must be responsive to user feedback and support users in implementing their scientific use cases.

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Goal 3: Evaluation, training, outreach, and engagement

- Must work with the CFDE ICC to develop and collect usage and performance metrics.

- Must develop and maintain good documentation and manuals/training materials.

- Must work with the CFDE ICC to develop and implement an outreach strategy to bring new users to the cloud workspace.

- Must develop a program for applying for NIH-funded credits, targeted at new users and project-specific proposals.

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CWIC ←→ CFDE Portal

PI Eligibility and Minimum Effort Requirements

The CWIC will be directly interacting with the four other CFDE core centers (DRC, KC, ICC, TC).

- o A PI/MPI for the CWIC may **not** serve as a PI/MPI for either the DRC, the KC, the ICC, or the TC.

- o PIs/MPIs holding an award (active or in a no-cost extension) for any of the other four core CFDE centers are **ineligible**.

The contact PI must commit **at least 15% effort** to the CWIC.

MPIs who are not the contact PI must commit **at least 10% effort** to the CWIC.

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Letter of Intent (LOI)

o LOIs are **not** required to be eligible to submit a full proposal, however, submitting an LOI is **strongly encouraged**.

o Due Date: **March 21, 2024**

o NIH will use the LOI to assess eligibility and to identify conflicts of interest for potential reviewers.

o NIH will **not** provide feedback about the scientific and technical content for improvements.

Due date: April 22, 2024

o Applications will have multiple components as listed in the ROA

o If applicable, page limits for components are stated in the ROA

o Title the components the same way they are named in the ROA

o Applications must be submitted electronically through ASSIST **and** as a single collated PDF file anthony.kirilusha@nih.gov and CFDE@od.nih.gov

eRA/ASSIST Webinar

A technical assistance webinar has been scheduled:

1 pm ET on March 14th

(please **register** here -
https://commonfund.nih.gov/dataecosystem/faqs)

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For additional information:

Visit the FAQ page
https://commonfund.nih.gov/dataecosystem/faqs

Contact the Program Team: CFDE@od.nih.gov

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Q & A

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Thanks for attending

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