



# Engineering Research Centers

# EROC

Gen-4 ERC:  
Award Oversight and  
Annual Reporting  
NSF 19-503

Kickoff Meeting  
October 14-15, 2020

Dana Denick, ENG/EEC Associate Program Director



# Outline

- Budget and Funding Cycles
- Reporting and Review Schedule
- Annual Site Visit
- ERC Web Database
- Annual Report



# ERC Budget and Reporting Cycles

- University budget cycle(s)
- NSF Fiscal Year
  - October 1 - September 30
- ERC Award Year
  - 12-month period commencing on award date
  - September 1 – August 31 **\*\*Class of 2020\*\***
- ERC Reporting Year
  - 12-month period for data collection and reporting
  - July 1 – June 30 **\*\*Class of 2020\*\***



# ERC Class of 2020 Funding and Review Schedule

<i><b>NSF Fiscal Year</b></i>	<i><b>ERC Award Year</b></i>	<i><b>Review Type</b></i>	<i><b>Review Date</b></i>	<i><b>Reporting Year</b></i>	<i><b>Funding Rec</b></i>
<b>FY2020</b>		Proposal Competition	2019-2020		Award Year 1
<b>FY2021</b>	<b>Award Year 1</b> Sept 1, 2020 – Aug 31, 2021	90-day and 6-month Start-up	Spring 2021		Award Year 2
<b>FY2022</b>	<b>Award Year 2</b> Sept 1, 2021 – Aug 31, 2022	Year 2 Site Visit	Fall 2021	Sept 1, 2020 – June 30, 2021	Award Year 3
<b>FY2023</b>	<b>Award Year 3</b> Sept 1, 2022 – Aug 31, 2023	Year 3 Site Visit	Fall 2022	July 1, 2021 – June 30, 2022	Award Year 4
<b>FY2024</b>	<b>Award Year 4</b> Sept 1, 2023 – Aug 31, 2024	Year 4 Site Visit	Fall 2023	July 1, 2022 – June 30, 2023	Award Year 5
<b>FY2025</b>	<b>Award Year 5</b> Sept 1, 2024 – Aug 31, 2025	Year 5 Renewal SV	Fall 2024	July 1, 2023 – June 30, 2024	Year 6 With Successful Renewal
<b>2026-2029</b>	<b>Award Years 6-9</b>	Year 6-9 SV	Fall 2025-2028		Years 7-10
<b>2030</b>	<b>Award Year 10</b>	<b>Reverse SV</b>	<b>End date 2030</b>		



# Award Year 1 Reporting and Oversight

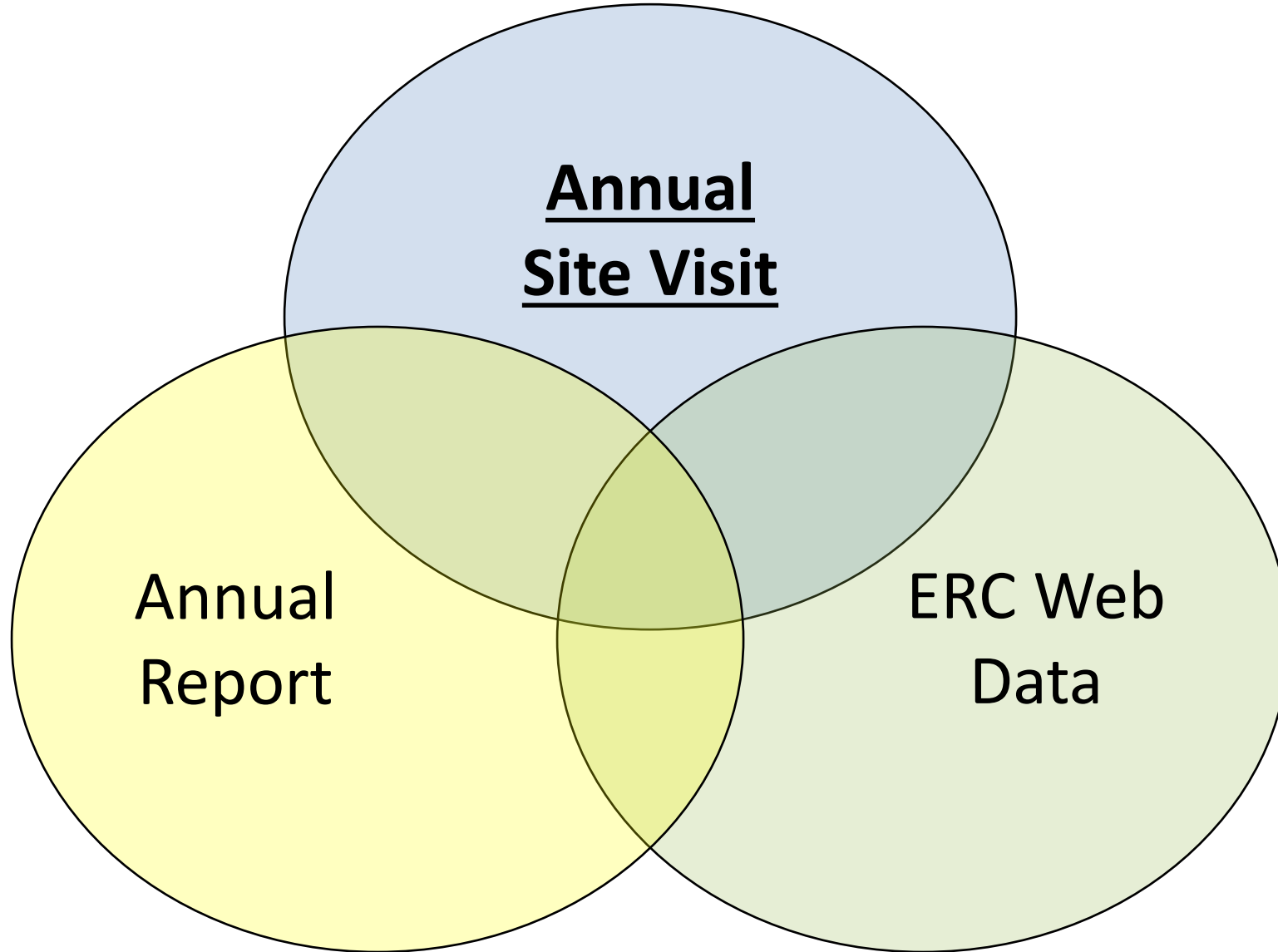
## 90-day Deliverables

1. Strategic Plan and Logic Model
2. Evaluation and Assessment plan
3. Center Governance Model and Organizational Chart
4. Innovation Ecosystem Membership Agreement
5. Intellectual Property Policy
6. Establishment of charters for boards, councils, and committees
7. Data Management Plan
8. Center-Level Risk Management Plan

## 6-month Start Up

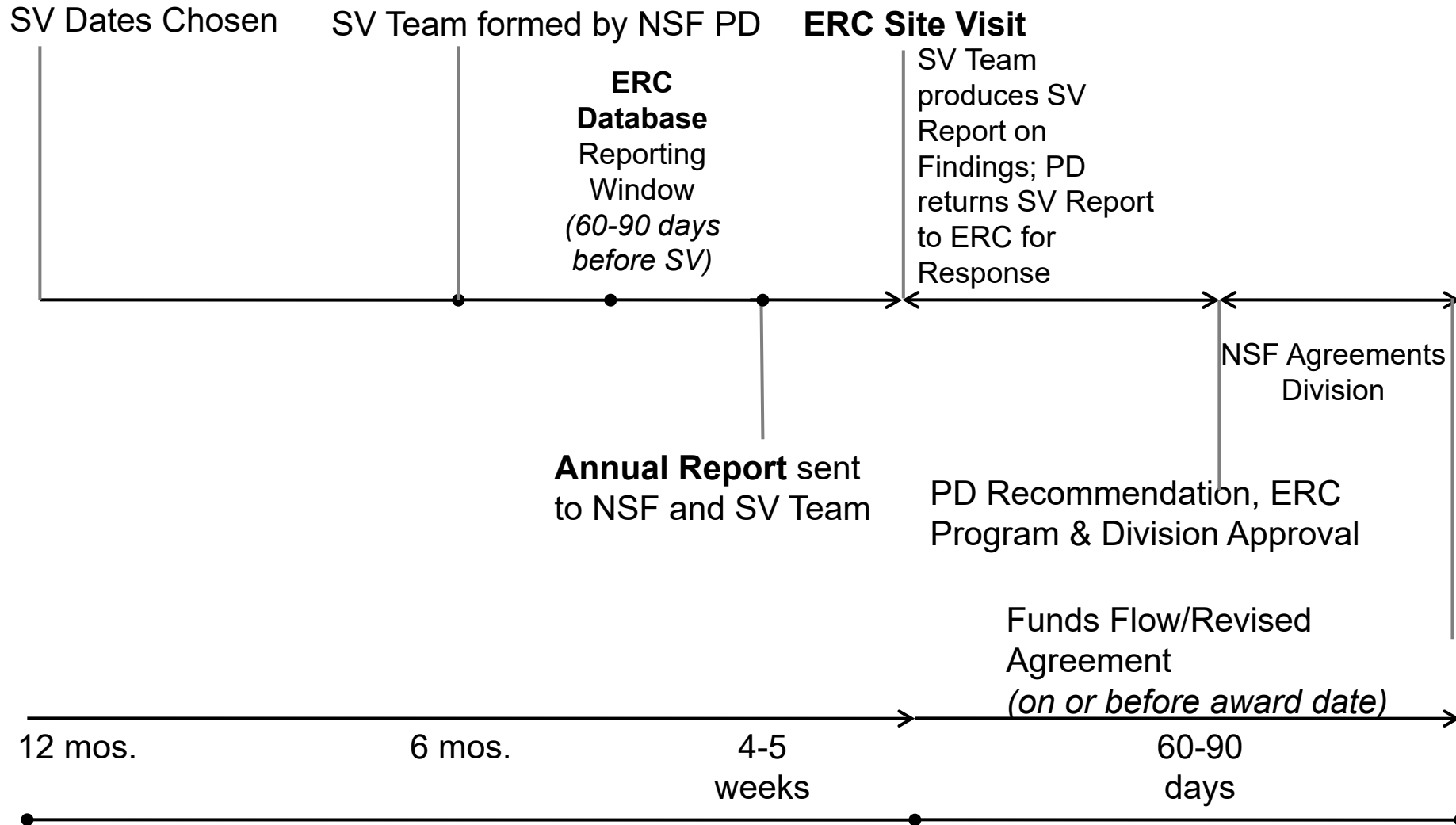
1. Ensure that all leadership positions are filled
2. Ensure that projects have started, and project management includes planned coordination to enhance synergy
3. Ensure all technology elements (labs, equipment, testbeds) are in place to support collaboration and integration

Plus all Center-specific Deliverables!





# ERC Site Visit (SV) Review and Funding Cycle





# Annual Site Visits

- NSF Cognizant PD leads site visit team (SVT) to review the Center
  - SVT composed of technical experts across appropriate fields
- Two-day site visits for annual review
  - Due to COVID-19, 2-day in-person replaced with 4-day Virtual Site Visit (VSV)
- Three-day site visits for 5<sup>th</sup> year renewal review
- First day(s), Center makes presentations, poster sessions, tours, etc. to SVT to explain vision and accomplishments of the Center
- Last day of site visit Center responds to clarification questions and SVT write consensus report
- SVT uses performance criteria for qualitative evaluation and benchmarked ERC data for quantitative evaluation of the Center
- Site Visit procedures, sample agenda, and guidelines will be available for Gen-4 ERCs on ERC Library website: [www.erc-reports.org/public/library](http://www.erc-reports.org/public/library)

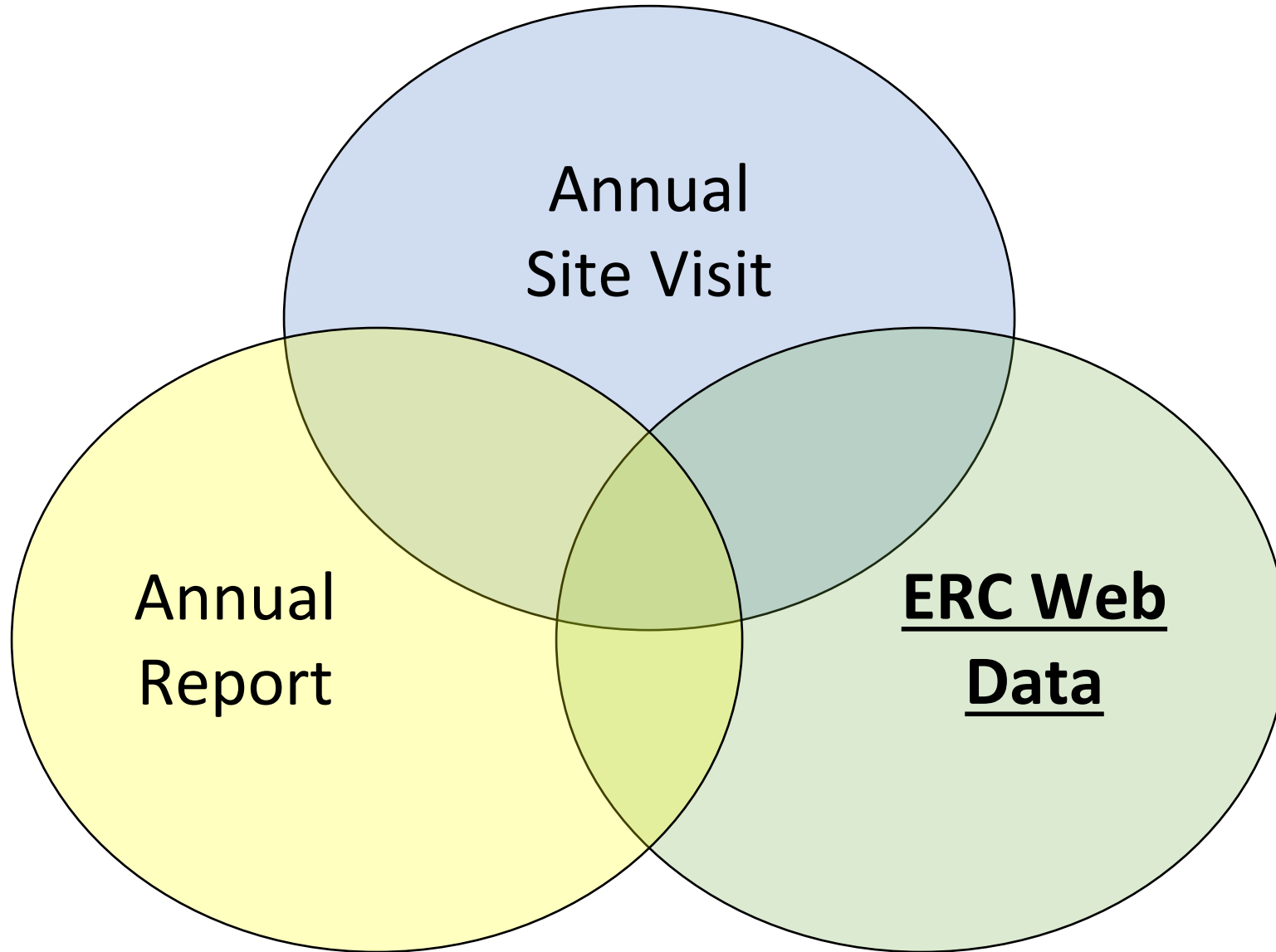




# Gen-4 ERC Performance Criteria

1. Vision and Impact
2. Strategic Plan
3. Management and Organization
4. Convergent Research
  - Testbeds
5. Engineering Workforce Development
6. Diversity and Culture of Inclusion
7. Innovation Ecosystem
8. Evaluation
9. Financial Support and Resources
10. ERC Self-sufficiency

Full Gen-4 ERC Performance Criteria details will be made available on ERC Library





# ERC Web Database: Why?

- Collection of standard measures of performance across all ERCs
- Benchmarking, Analyses
- Information base for the ERC's leadership team to monitor performance
- Information base to help NSF evaluate center-level and program-level progress in achieving goals
- Information base for ERC program to report to NSF, OMB, and Congress on program achievements and impact



# https://www.erc-reports.org/

[ERC Library & Glossary](#) | [Contact Us](#)

**ERCWeb**  
ANNUAL REPORT DATA ENTRY SYSTEM

## Login to the ERCWeb Annual Report Data Entry System

Email

Password

Please note: you will be logged out after 60 minutes of inactivity.

The system is closed for maintenance on the first Sunday of every month between 7 a.m. and 10 a.m. Eastern Standard Time.

### Did you forget your password?

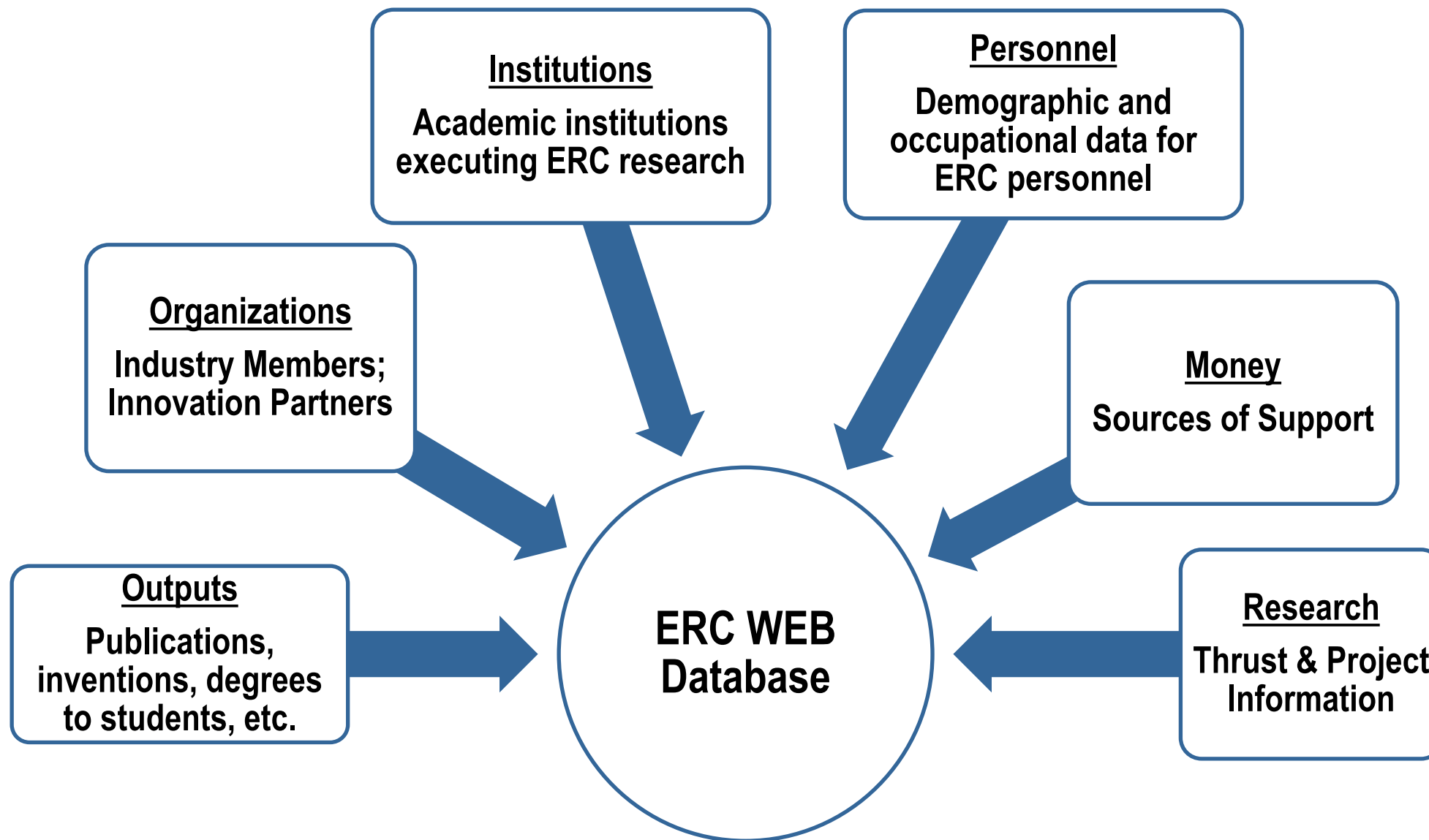
Submit your email address and we will send you a link to set your password.

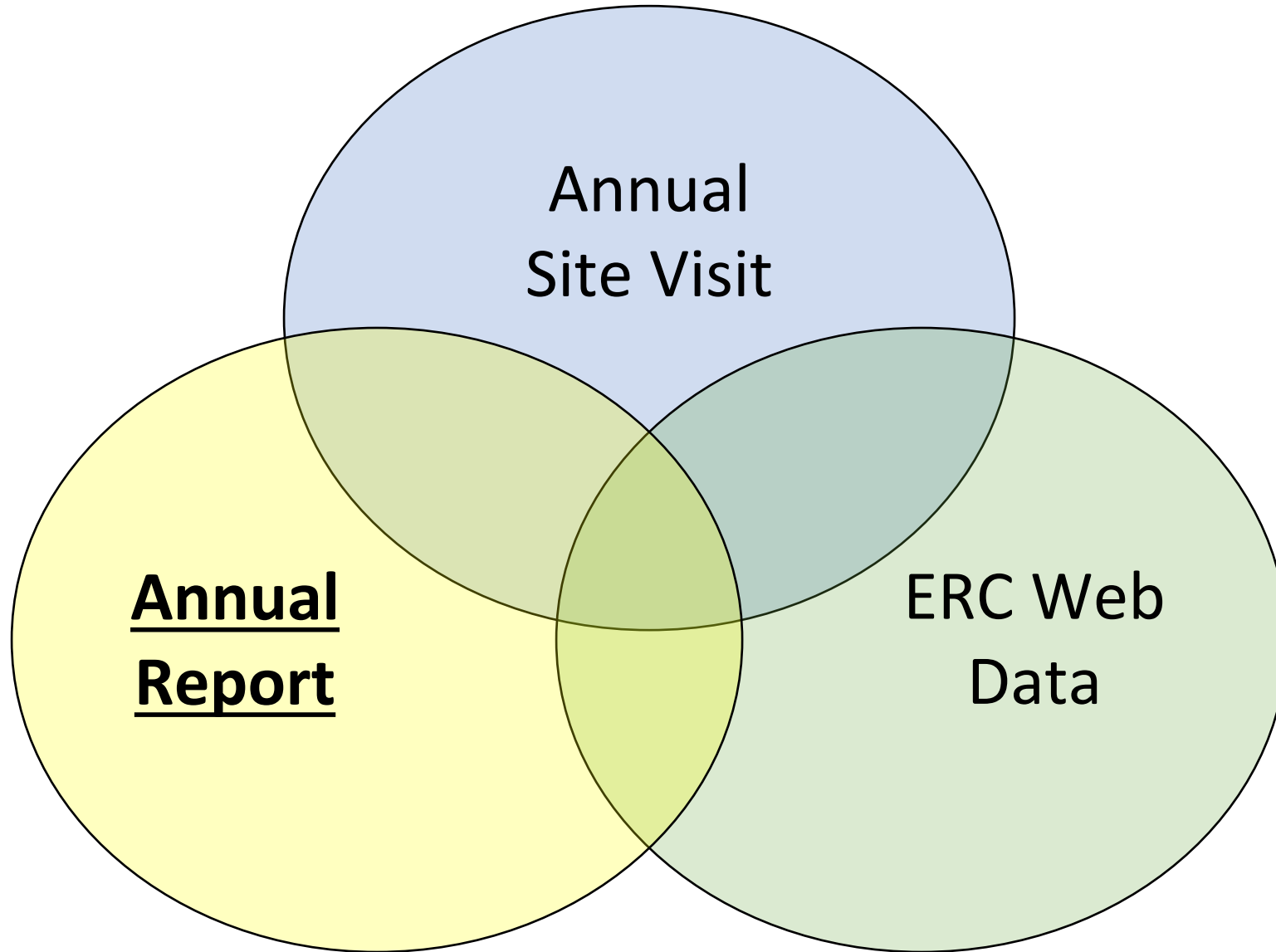
Email





# ERC Web Database







# Gen-4 Annual Report Content

1. Vision and Impact
2. Strategic Plan
3. Management and Organization
4. Convergent Research
  - Testbeds
5. Engineering Workforce Development
6. Diversity and Culture of Inclusion
7. Innovation Ecosystem
8. Evaluation
9. Financial Support and Resources
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Full Gen-4 ERC Annual Report Guidelines will be made available on ERC Library



# Gen-4 Annual Report Appendices

- Certifications (e.g., Cost Sharing, Industrial Membership, etc.)
- Required Tables (integrated into report)
- Highlights of Significant Achievement and Impact
- List of ERC projects
- Project Updates = 1 Quad Chart + 2-page description
- Bibliography of Publications
- Data Management Plan
- Bio-Sketches
- Current and Pending Support (renewal year only)





# Sample Org Chart

