



ICIS Modernization Board Update for ACWA

March 17, 2022

Why ICIS Needs Updating

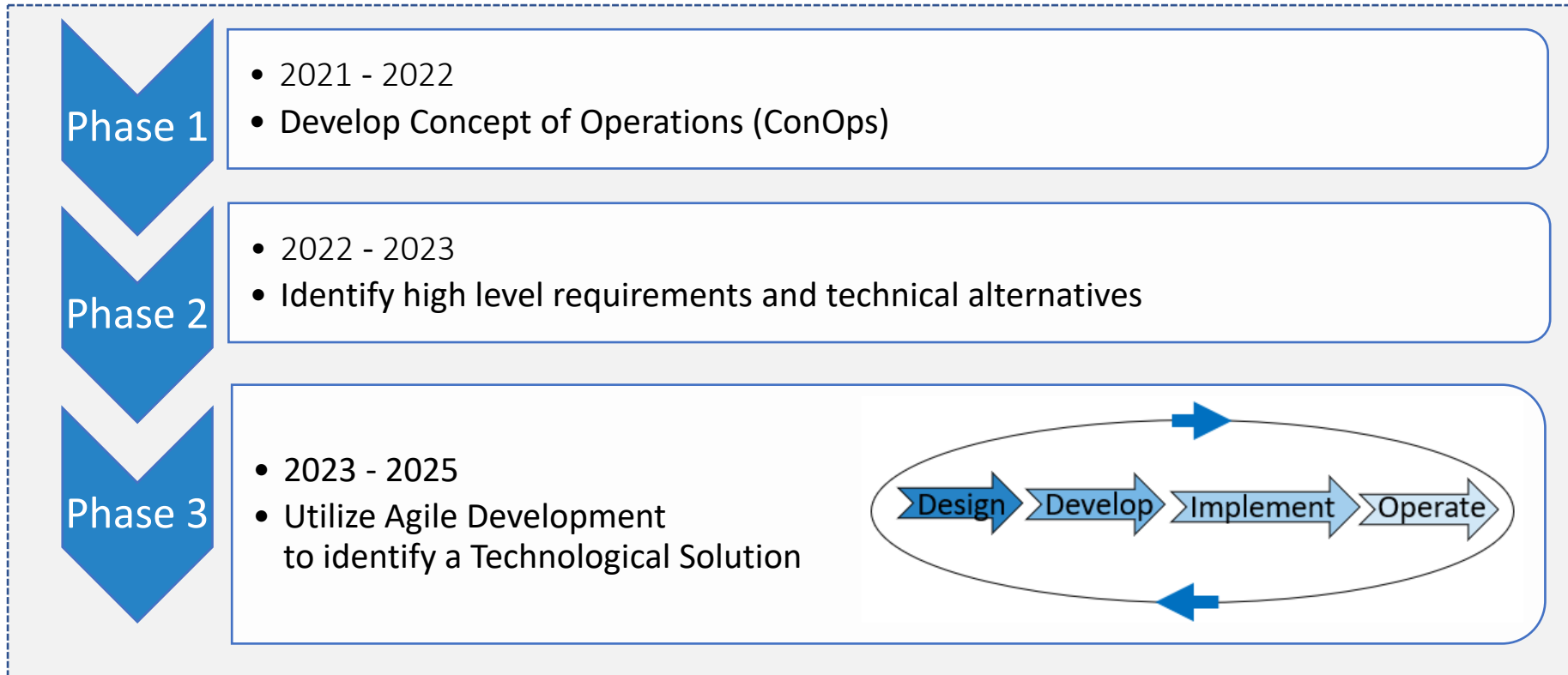
Integrated Compliance Information System (ICIS): data system that underpins many of the nation's compliance, monitoring, and enforcement programs for air and water

- ICIS-Air; ICIS-NPDES; and Federal Enforcement & Compliance
- Why modernize ICIS?
 - Better alignment with program needs
 - Support NPDES eReporting Rule
 - Improve usability
 - Reduce operations and maintenance costs
 - Improve data sharing and data quality

Vision for a Modernized Solution

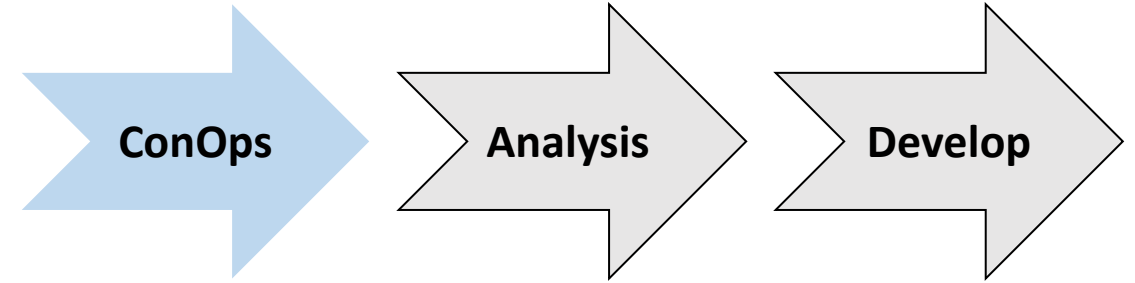
A modern data management solution that compiles accurate and timely compliance and enforcement information relevant to protection of the environment and human health. The solution will be adaptable and efficiently meet the diverse and dynamic business needs of co-regulators and their programs. This state-of-the-art solution will deliver timely, complete, and actionable information for regulators, decision-makers, and the public.

Timeline for ICIS Modernization



2025 - Target for ICIS Modernization

Steps Taken for ConOps

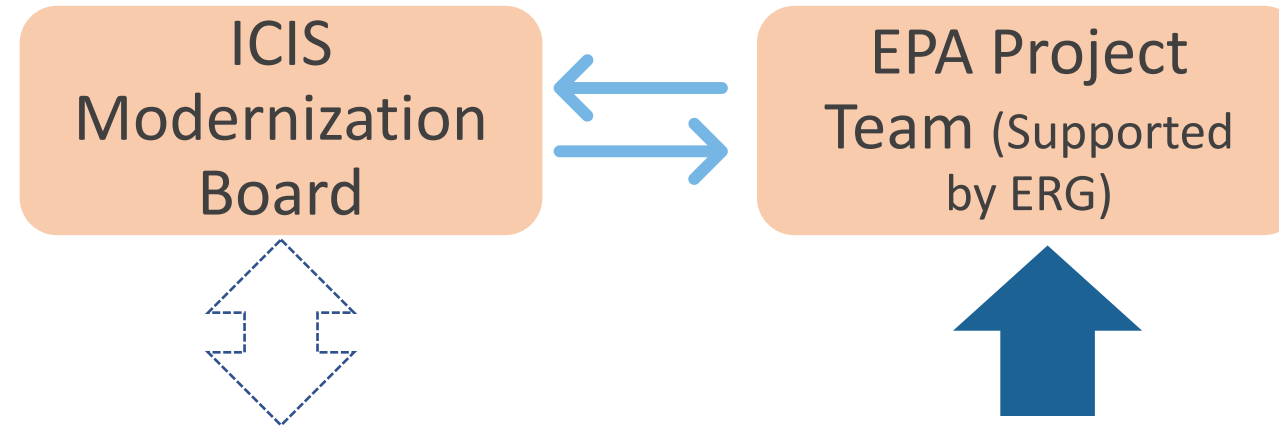


- ✓ Established ICIS Modernization Board Charter
- ✓ Formed Board comprised of state, local and EPA members
- ✓ Drafted and approved an ICIS Modernization vision statement
- ✓ Completed EPA Engagement sessions
- ✓ Completed State/Local Control Agency engagement sessions
- ✓ Compiled stakeholder input
- ✓ Analyzed input and identify gaps
- ✓ Developed First Draft ConOps Report

ICIS Modernization Board

- IMB was chartered under E-Enterprise for the Environment to facilitate joint planning, input, and communication into a modern compliance and enforcement information solution
 - Prioritizes partner collaboration
 - Ensures an inclusive process driven by business needs
 - Reviews draft ConOps
 - Recommends next steps in modernization process

ICIS ConOps Key Players



Partner Input (provided via listening sessions)

EPA HQ Offices - OW, OAR, OMS, OLEM, OCSPP, OECA

EPA Regions - ECAD and Program Offices

States and Local Control Agencies - Air and NPDES (Policy, Regulatory, Compliance, Enforcement, IT)

Tribes

ICIS Modernization Board Members

EPA Members

Jane Wallace
EPA, OECA
Co-Chair

Vince Allen
EPA, OMS

Mary Curtis
EPA, OCFO

Loren Denton
EPA, OECA

Marc Houyoux
EPA, OAR

David Wampler
EPA, R9

Kevin Weiss
EPA, OW

State and Local Members

Andy Putnam
Colorado
Co-Chair

Martina Frey
Oregon

Todd Hochman
New Mexico

Megan Joyce
Virginia

NPDES

Air

Toby Mahar
NW Clean Air

Eric McCann
Nashville

Christy Monk
Alabama

IT

Kim Nguyen
Texas

Cathy Siders
Illinois

Sean Taylor
Georgia

Vision for Modernized Solution

- Flexible and adaptable design that is responsive to program needs
- Continued support for direct users
- Transformational approaches to managing information
- Data sharing that is efficient, durable, and system-agnostic
- Seamless data access for programs and the public
- Improved data quality and timeliness

Questions?

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