

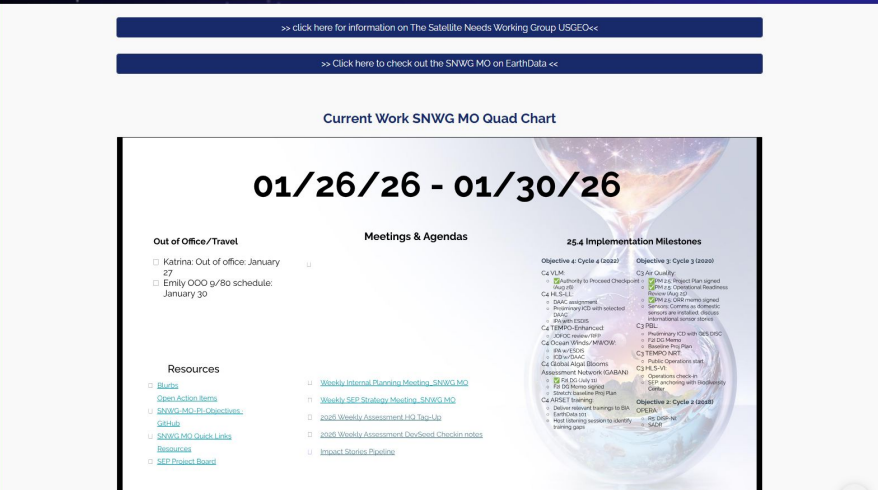
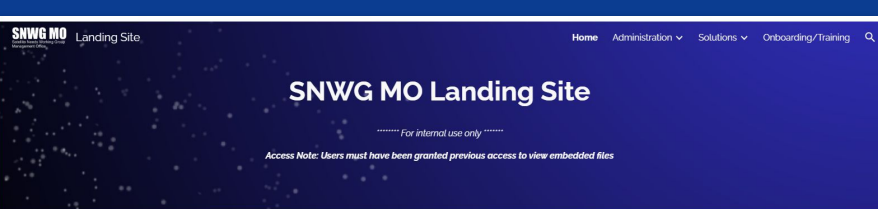
MO Viewer

Information Management Platform

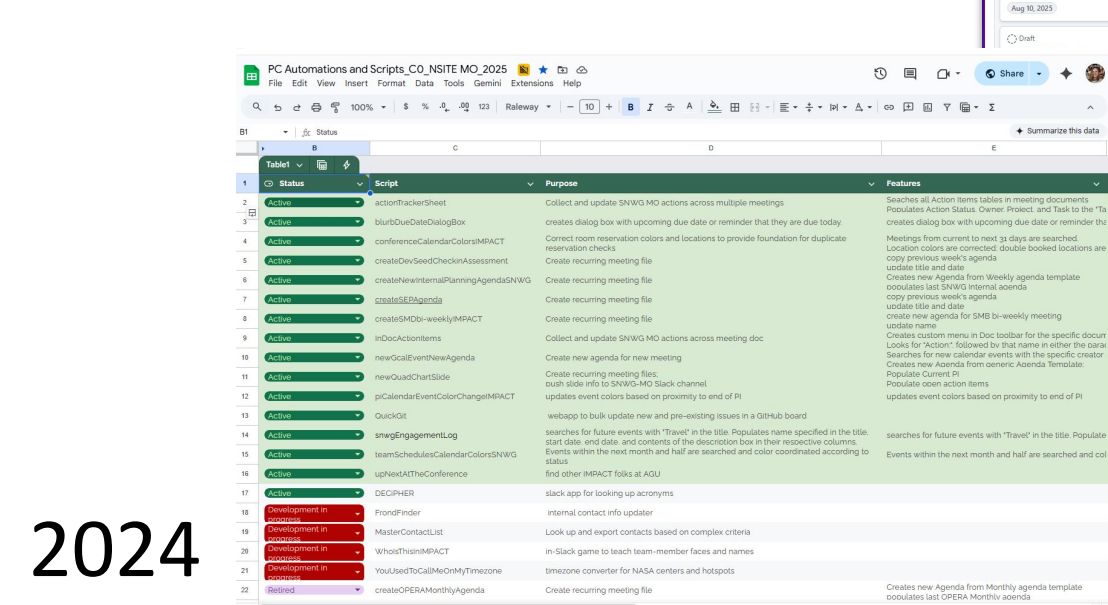
SEP-View | January 2026

The Problem: lots of data, not a lot of ways to quickly access the information it informs

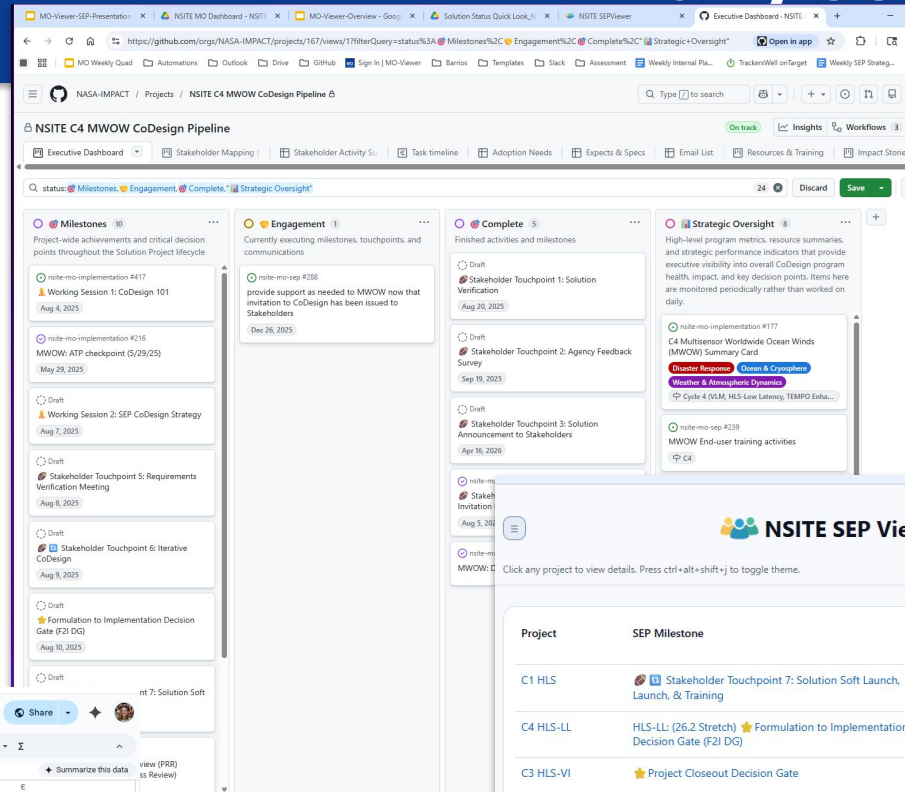
- MO-wide:
 - over 9000 interconnected files stored in Google Drive, acting as a “database”
 - Jenny, Cherrelle, Slack, emails, Teams, and various meetings acting as database interfaces
- multiple copies of various files used to create actionable information conveyed in meetings → lacking a shared agreement or platform for Source of Truth for information
- SEP-specific:
 - 803 SEP-related files
 - ~ 4,221 stakeholder contacts from 48 solution stakeholder lists
 - 2,049+ needs survey responses for alignment analysis
 - ~43 agencies with engagement tracking
 - 10 SEP milestones tracked per solution (WS1-WS5, TP4-TP8)



2022-2023



2024



2025

Project	SEP Milestone	Engagement	Comms Due (±30d)	Next Dates	Implementation Status
C1 HLS	Stakeholder Touchpoint 7: Solution Soft Launch, Launch, & Training	HLS: Workshop Planning (6)	176	2026-01-30	26.1 HLS 1/1 goals complete
C4 HLS-LL	HLS-LL: (26.2 Stretch) Formulation to Implementation Decision Gate (F21 DG)	Josh Barnes: Email (8/8/25) *Follow-up: co-design of HLS LL* (4)	0	—	26.2 HLS-LL 0/5 goals complete
C3 HLS-VI	Project Closeout Decision Gate	Chris Cole: Meeting (4/23/25) (3)	78	2026-01-30	26.1 HLS-VI 1/1 goals complete
C4 VLM	Working Session 1: CoDesign 101	— (0)	0	—	26.2 VLM
C4 MWOW	Working Session 1: CoDesign 101	provide support as needed to MWOW now that invitation to CoDesign has been issued to Stakeholders (1)	20	2026-01-30	26.1 MWOW 1/4 goals complete
C4 GABAN	Stakeholder Touchpoint 5: Requirements Verification Meeting	Email to Carlos to solicit feedback and ask about HABs (2)	0	—	26.1 GABAN 0/1 goals complete
C2 GACR	Stakeholder Touchpoint 6: Iterative CoDesign	Communication to Solution Team (3)	0	—	26.1 GACR 1/1 goals complete
C2 GCC	Project Closeout Decision Gate	Communications with Solution team (2)	0	—	26.1 GCC 1/1 goals complete
C2 IoA	Stakeholder Touchpoint 8: Transition/Closeout	Chris Cole: Meeting (4/23/25) (2)	0	—	26.1 IoA 0/1 goals complete
C2 Freeboard & Ice Thickness	Stakeholder Touchpoint 7: Solution Soft Launch, Launch, & Training (Freeboard&Ice Thickness)	USNIC/NOAA and QuickLooks (1)	0	—	26.1 Freeboard & Ice Thickness 0/1 goals complete
NSITE SEPViewer	—	— (0)	0	—	—
Impact Story Reporting Pipeline	—	— (0)	0	—	—

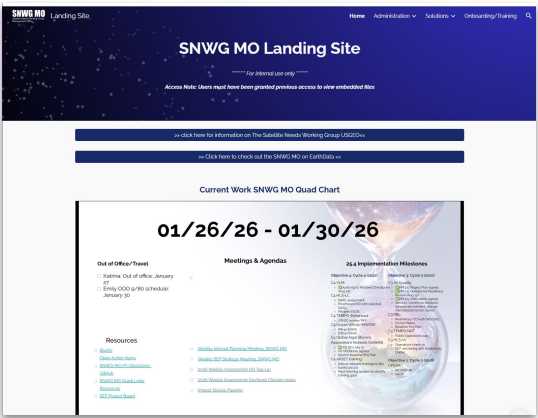
Early Solution attempts

2022-2023

files stored in GWorkspace

data manually entered, tracked, transformed, and analyzed;
files viewed through Google Site

view-only;
links to source files
no edit access

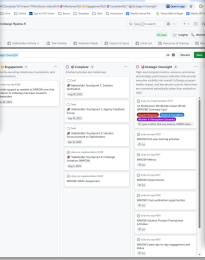
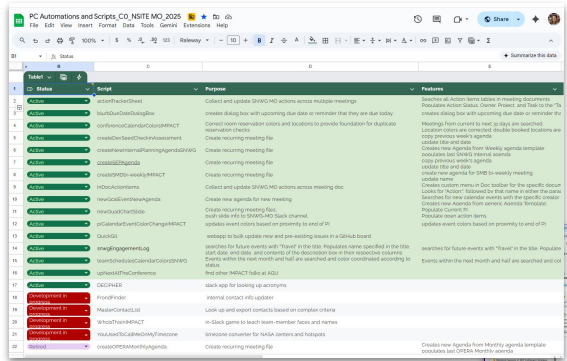


2024

files stored in GWorkspace

data manually entered, automatically transformed across files with ~40 Google AppsScripts;
files viewed through direct access

linking network of source files;
full edit access (working directly in all files)

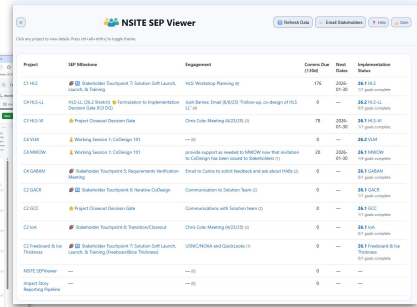


2025

files stored in GWorkspace

data pulled from GWorkspace file, applied to custom Github templates, Google AppScript accesses Github and displays the data

view-only, linking of source files;
additional interface layer between source data and information transformation;
changed data must be translated back to other files;
heavy maintenance lift with both raw and transformed data

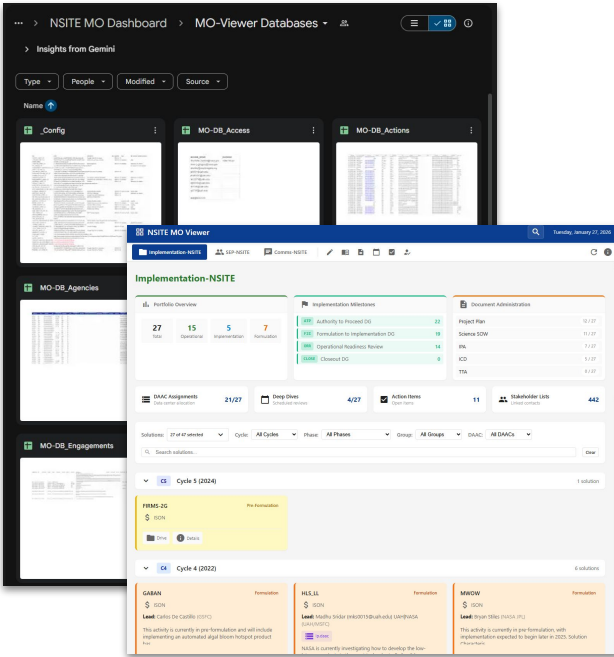


2026

files stored in GWorkspace

data pulled from Source of Truth files into Databases.

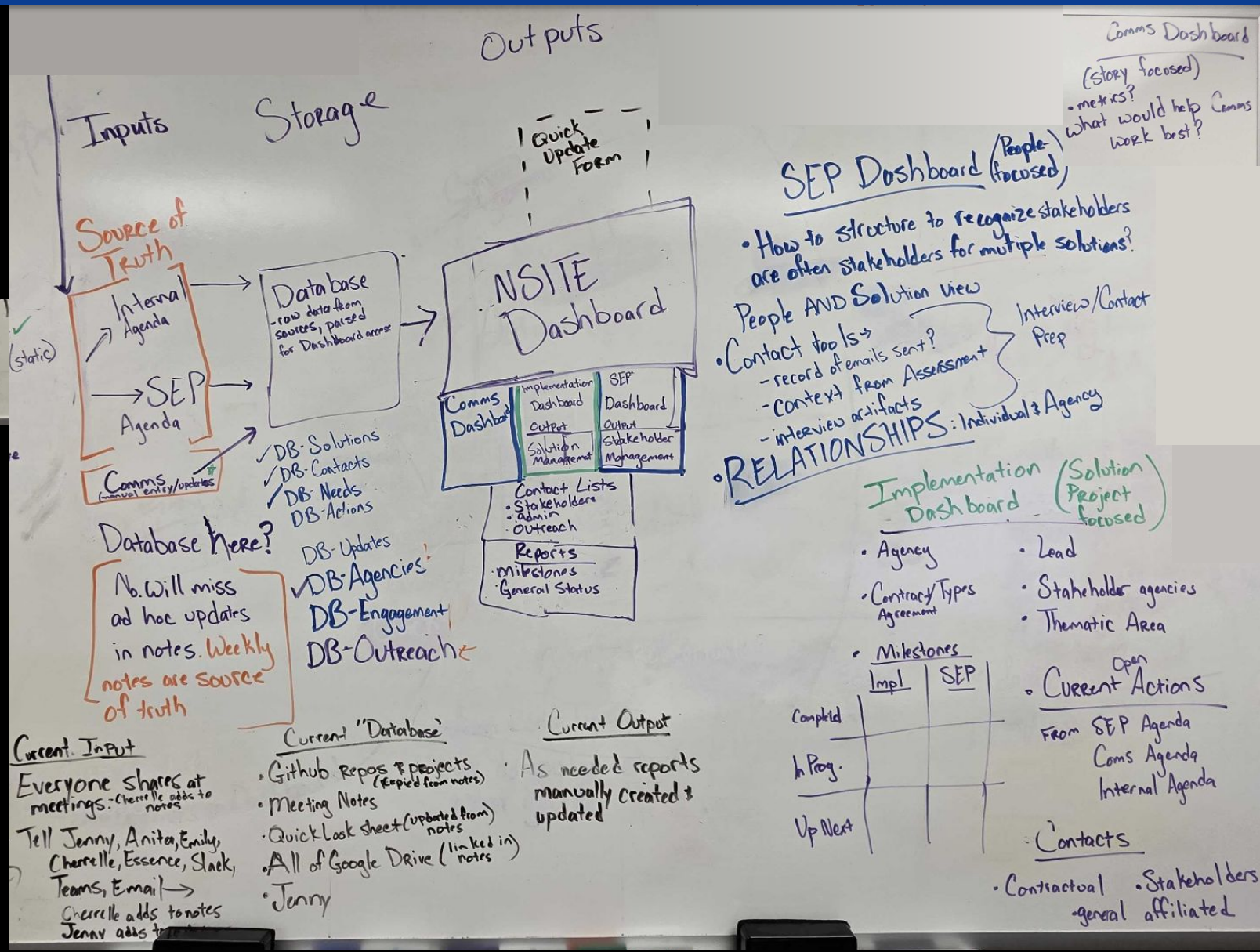
direct interaction with maintained data to transform into information as needed, without risk to Source of Truth files



The Meta-Analysis

- Conducted analysis of the SEPViewer Tool as a proposed Solution to address a discussed Need by applying the entire NSITE MO lifecycle process to the tool development
 - Evaluated how data flows across all MO activities from multiple perspectives
- Identified design concerns with GitHub-based architecture:
 - GitHub optimized for code, not stakeholder data - requires many custom scripts
 - Easier data connections with just Google Sheets backend, without Github as database intermediary
 - Core security issue: cannot restrict PII from IMPACT/ODSI Github users. Have no control over who is in/out of IMPACT github environment
- Discovered: ability to build in login restrictions to GoogleAppScript backend, limiting 1st only to Users who have a Google account (must be signed in to see the sign-on page), then to users listed in our access sheet with an email and the password. This change means much **more interconnectivity of data with much less code.**

"I'm not sure where to put this..."



Context: Why MO Viewer and not just SEP Viewer?

Team

- Actions from SEP meetings need tracking and assignment
- Availability affects stakeholder scheduling
- Meeting notes feed solution updates

Comms

- SEP surfaces success stories for Comms to amplify
- Stakeholder wins become outreach opportunities
- Events and conferences bring SEP contacts together

Implementation

- Stakeholders connect to specific solutions in the portfolio
- Milestones and updates flow from Implementation into SEP touchpoints

SEP touches everything:

- ✓ Implementation – SEP wraps around the Solution Lifecycle framework; solution data had to be built first because SEP engagement maps directly to solution phases and milestones
- ✓ Comms – Comms amplifies stakeholder relationships; needed to define what SEP outputs Comms needs—success stories, engagement wins, stakeholder quotes for outreach
- ✓ Team – Internal team profiles served as the most complete test dataset for prototyping the contact fields and personal information structure later applied to external stakeholders
- ✓ Reports – SEP needs historical context to prepare for engagements; updates and milestones flow both directions between SEP and reporting

Answering SEP's Questions with SEPViewer

1

What's New?

What is the most recent thing this Solution did and did we talk to stakeholders about it?

2

Meeting Needs?

Are we meeting the needs of stakeholders with this solution?

3

Growth Opportunities?

Are there unexplored agencies we can connect with to promote this Solution?

The screenshot displays the NSITE MO Viewer interface for the SEP-NSITE solution. The top navigation bar includes tabs for Implementation-NSITE, SEP-NSITE (selected), and Comms-NSITE. The main dashboard features a header with 'SEP-NSITE' and navigation links for Dashboard, Solutions, Agencies, Email, and Log Engagement. Below the header, four key metrics are shown: 7 Engagements This Month, 5 Contacts Engaged, 3 Solutions Engaged, and a 'Hot' Activity Level. The main content area is titled 'SEP Overview' and shows a list of 'Recent Engagements' with details such as 'MWOW Stakeholders: Announcing MWOW v0.1 release; Invitation to a second stakeholder meeting' and 'Testing'. A sidebar on the right, titled 'Needs Attention', lists various solutions and their status, including 'gaban', 'aq_gmao', 'aq_pm', 'pbl', 'gacr', 'gcc', and 'hls'.

Q1: What's New & Did We Discuss It?

Implementation Dashboard

- Tracks all SEP activities with status
- Color-coded progress indicators
- Stakeholder touchpoints logged
- Historical engagement timeline

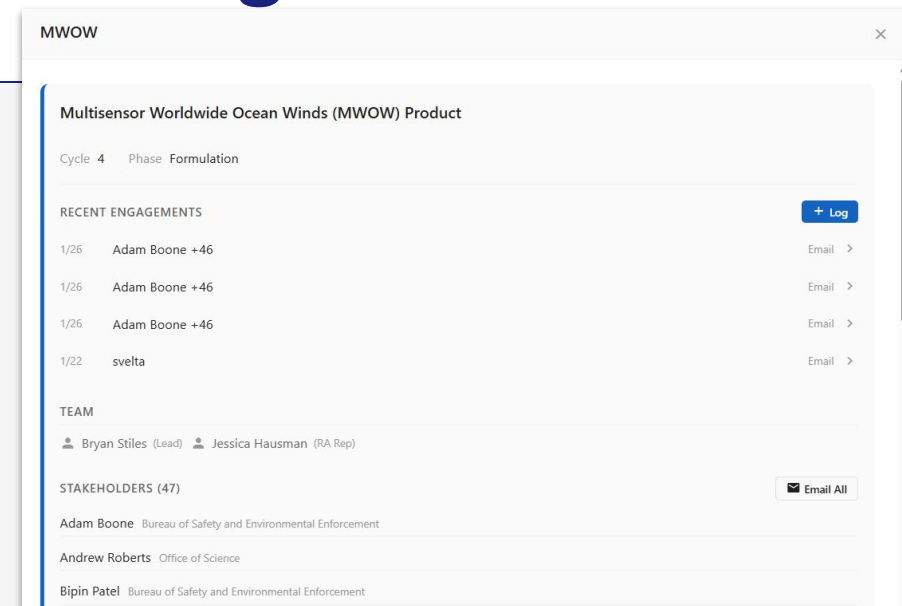
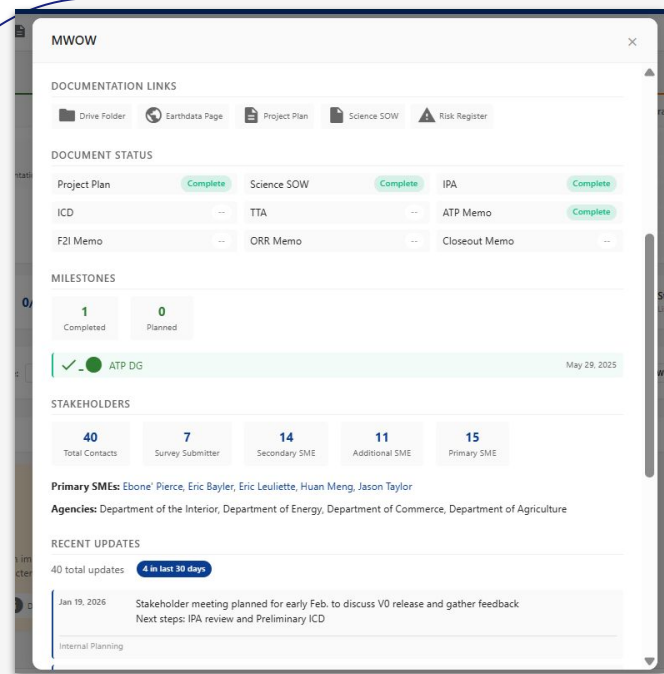
SEP Dashboard

- Real-time stakeholder metrics
- Communication logs & history
- Meeting notes & follow-ups
- Engagement frequency tracking

Recent Activities Tracked in MO Viewer:

- All stakeholder communications logged with dates and outcomes
- Event participation tracked (conferences, webinars, meetings)
- Reports generated and shared with leadership
- Follow-up actions assigned and monitored

Demo: Implementation & Activity Viewing



LIVE DEMO

Implementation Dashboard → MWOW → Details card
SEP-NSITE → MWOW → Details card

Q2: Are We Meeting Stakeholder Needs?

Agencies View

- Complete agency profiles
- Contact information
- Engagement history
- Need alignment status

Contacts Directory

- Stakeholder database
- Relationship tracking
- Communication prefs
- Role-based filtering

Need Alignment Report

- Gap analysis
- Coverage metrics
- Priority mapping
- Action items

How MO Viewer Ensures We Meet Needs:

- ✓ Stakeholder needs mapped to solution capabilities
- ✓ Engagement scoring identifies under-served agencies
- ✓ Automated reports flag gaps in coverage
- ✓ Historical data shows improvement trends

Demo: Stakeholder Management

US

U.S. Agency for International Development

Agency

Website

Log Engagement

Add Contact

Website

1

ENGAGEMENTS

↗ 1 this month

1

CONTACTS

1 engaged

1

SOLUTIONS

involved with

HOT

5 days ago

Overview

Contacts (1)

Engagements (1)

Notes

Network

MISSION

USAID leads international development and humanitarian efforts to save lives, reduce poverty, strengthen democratic governance, and help people progress beyond assistance.

GEOGRAPHIC SCOPE

International

DATA INTERESTS

USAID and NASA fund Servir, supporting local efforts to strengthen climate resilience, food and water security, forest and carbon management, and air quality using a wide variety of satellite observations (at least 60 instruments). Many satellite-related projects done through SilvaCarbon and Servir, often in partnership with scientists in countries receiving aid.

SOLUTIONS ENGAGED

AQ_PANDORA

SEP-NSITE Comms-NSITE

Multisensor Worldwide Ocean Winds (MWOW) Product	20 responses	46%	68%
Global Algal Blooms Assessment Network (GABAN)	13 responses	50%	70%
Sea Surface Salinity with Sea Ice Mask	4 responses	60%	74%
Water Quality Products	14 responses	61%	74%
Global HLS-VI Solution	74 responses	60%	84%

Survey Years: 2020 (42), 2022 (18), 2024 (14) | Unique Submitters: 44 | Avg Satisfaction: 60%

Characteristic	Solution Provides	Stakeholders Requested	Gap?
Horizontal Resolution	30 m	10 m - 30 m (21), 1 m - 5 m (13), 5 m - 10 m (13) +5 more	✓
Vertical Resolution	Not specified	I do not need vertically resolved measurements (18), <1 m (12), 1 m - 10 m (12) +2 more	⚠
Temporal Frequency	1.6 days	Multiple times per week (15), Weekly (14), Daily (13) +8 more	✓

Generated: 1/27/2026, 9:32:32 AM | 47 solutions | 2049 needs

LIVE DEMO

SEP Dashboard → Agencies → **USAID**
Reports → Need Alignment Report→**HLS-VI**

Q3: Unexplored Growth Opportunities?

Cold Agency Indicators

- Agencies with no recent contact
- Engagement score below threshold
- Visual indicators (blue = cold)
- Prioritization recommendations

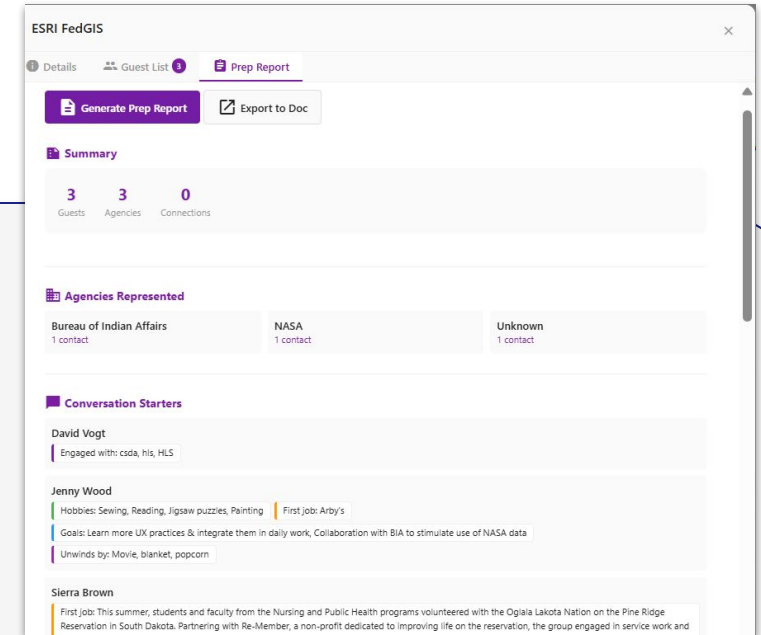
Department Reach Report

- Coverage by department
- Penetration percentages
- White space analysis
- Target recommendations

Outreach & Events Module

- Track upcoming conferences and events
- Identify networking opportunities
- Generate prep reports with guest profiles
- Export to Google Docs for meetings

Demo: Finding Growth Opportunities



LIVE DEMO

SEP Dashboard → Agencies → USAID → [Network Map](#)
Comms → Events → ESRI FedGIS → [Prep Report](#)

MO Viewer: Answering SEP Questions

Q1: What's New?

Implementation Dashboard & Activity
Logs
track all recent stakeholder
interactions

Q2: Meeting Needs?

SEP Dashboard, Agencies & Contacts
views
ensure comprehensive stakeholder
coverage

Q3: Growth?

Cold indicators, Dept Reach & Events
identify and pursue new
opportunities

One platform for complete stakeholder engagement visibility

Thank You

Questions?