



# NIEMOPEN

## PGB Session (Readahead)

25 January 2024

Ms. Katherine Escobar  
NIEMOpen Project Governing Board Chair

# CALL TO ORDER

- Called to order the regular virtual meeting of the NIEMOpen Project Governing Board at 2 PM, 25 January 2024.

# VENUE

## PGB Meeting

- 25 January 2024
- Virtual Meeting 2-4 PM EST
  - Virtual: MS TEAMS

## Microsoft Teams 25 Jan 2024 PGB Meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

**Or call in (audio only)**

[+1 410-874-6749,,775017873#](#) United States, Odenton

Phone Conference ID: 775 017 873#[Find a local number](#) | [Reset PIN](#)[Learn More](#) | [Meeting options](#)

**Current and post meeting location of 25 Jan PGB Meeting documents:**

<https://github.com/niemopen/oasis-open-project/tree/main/pgb-meeting-minutes/2022-2023/25-Jan-2024>

# MAKING THE MOST OF OUR SESSION

## *Virtual Meeting Etiquette*

### PLEASE:

- **MUTE** your mic when you're not talking
- Identify yourself before you start to speak
- **Speak** clearly
- **Disable** "call waiting" feature  
(the clicking noise can be heard by all)

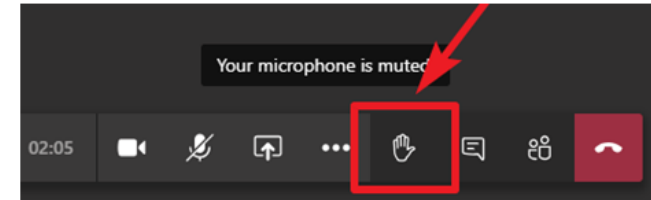
**Please note:** ESC sessions are audio recorded.

Meeting Minutes will be published and distributed to participants.

### QUESTIONS & ANSWERS ARE ENCOURAGED!

To signal you want to contribute without interrupting the speaker

- Enter comments via **CHAT window** at any time



To signal a question or respond to a question

- Click on 'Raise your hand' button on meeting toolbar

(Lower hand after you've talked by clicking hand button again)

**Presenters, please be mindful of timing**

# NOTE TAKER

The PGB Executive Session is being recorded on MS TEAMS. A link to the recording will be provided and meeting minutes will be posted on the NIEMOpen Git Repo once approved:

<https://github.com/niemopen/oasis-open-project/tree/main/pgb-meeting-minutes>

Meeting support, note takers:

Aubrey Beach

[aubrey.l.beach.ctr@mail.mil](mailto:aubrey.l.beach.ctr@mail.mil)



Shunda Louis

[shunda.r.louis.ctr@mail.mil](mailto:shunda.r.louis.ctr@mail.mil)



Stephen Sullivan

[stephen.m.sullivan14.ctr@mail.mil](mailto:stephen.m.sullivan14.ctr@mail.mil)



# ROLL CALL

- PGB Voting Members:
  - Department of Defense Joint Staff J6 (DoD JS J6)
  - Department of Homeland Security Science & Technology (DHS S&T)
  - Equivant
  - Georgia Tech Research Institute (GTRI)
  - Integrated Justice Information Systems Institute (IJIS)
  - Commonwealth of Virginia, Office of Data Governance and Analytics
  - Criminal justice Information Systems Division (CJISD), Federal Bureau of Investigation
- PGB Expert Voting Members
  - NBAC TSC
  - NTAC TSC
  - NMO TSC
- PGB Expert NON-Voting Members

# PGB SPONSOR APPOINTED VOTING MEMBERS



**Ms. Katherine Escobar**  
**PGB Chair**  
Deputy Division Chief, Data and Standards Division at Joint Staff J6 and NIEM Managing Director



**Ms. Christina Bapst-Stump**  
Science and Technology Directorate, US Department of Homeland Security



**Mr. Gary Egner**  
Director Business Development, Equivant



**Mr. John Wandelt**  
Principal Research Scientist, Georgia Tech Research Institute



**Ms. Maria Cardiellos**  
Executive Director Integrated Justice Information Systems Institute



**Mr. Payton Lamb**  
Data Engineer Commonwealth of Virginia  
Office of the secretary of Administration  
Office of Data Governance and Analytics



**Ms. April Mitchell**  
FBI It Specialist and Technical Lead of Data Standards in the Criminal Justice Information Services (CJIS) Division





# PGB EXPERT VOTING MEMBERS

## Technical Steering Committees



**Kamran Atri**  
**Co-Chair**  
NIEM Business Architecture Committee (NBAC)  
Technical Steering Committee (TSC)



**Jim Cabral**  
Vice President, Court  
Relations, InfoTrack



**Beth Smalley**  
**Co-Chair**  
NIEM Management Office (NMO)  
Technical Steering Committee (TSC)

# PGB NON-VOTING MEMBERS

## Technical Steering Committees



**Thomas Krul**  
**Co-Chair**  
NIEM Business Architecture Committee  
(NBAC) Technical Steering Committee (TSC)



**Dr. Scott Renner**  
**Co-Chair**  
NIEM Technical Architecture Committee  
(NTAC) Technical Steering Committee (TSC)



# NMO, NBAC, & NTAC TSC CO-CHAIRS

TSC	Approved (TSC CHAIRS)
NMO TSC	Ms. Katherine Escobar & Ms. Beth Smalley
NBAC TSC	Mr. Kamran Atri & Mr. Thomas Krul
NTAC TSC	Dr. Scott Renner & Mr. Jim Cabral

## Mailing Lists

- **NIEMOpen:** <https://lists.oasis-open-projects.org/g/niemopen>
- **PGB:** <https://lists.oasis-open-projects.org/g/niemopen-pgb>
- **NTAC TSC:** <https://lists.oasis-open-projects.org/g/niemopen-ntactsc>
- **NBAC TSC:** <https://lists.oasis-open-projects.org/g/niemopen-nbactsc>
- **NMO TSC:** <https://lists.oasis-open-projects.org/g/niemopen-nmotsc>

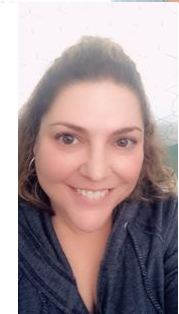
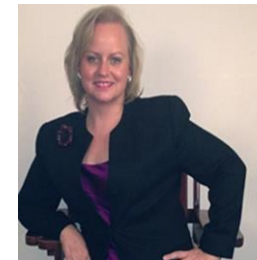
NTAC  
TSC



NBAC  
TSC



NMO  
TSC



# NIEM OPEN MAINTAINERS AS OF OCTOBER 2023

GitHub Repos	Primary	Alternates
NIEM Open	Ms. Christina Medlin & Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan (PGB Folder)
NBAC TSC	Ms. Christina Medlin & Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan
NTAC TSC	Mr. Tom Carlson & Christina Medlin	Mr. Aubrey Beach, Ms. Shunda Louis, Dr. Scott Renner
NMO TSC	Mr. Aubrey Beach	Ms. Shunda Louis, Mr. Steve Sullivan, Mr. Tom Carlson (Training)



Ms. Christina Medlin



Mr. Aubrey Beach



Mr. Tom Carlson

# PROPOSED 25 JAN 2024 PGB AGENDA

## Call to Order

- Admin
  - TEAMS Link
  - Meeting Etiquette
  - Note Takers
  - Roll Call & Introductions
    - PGB Voting Members (Sponsors)
    - PGB Expert Voting Members (TSCs)
    - PGB Non-Voting Members (TSC Co-Chairs)
    - TSC Co-Chairs & NIEMOpen Maintainers
- Approval of Agenda
- Around-the-Horn – PGB Voting Members
- Approval of Meeting Minutes from 26 Oct 2023
- OASIS Staff / NIEMOpen Administrator Comments
- Q3 Financial Snapshot – Cathie Mayo (OASIS)
- Sponsor Update – Carol Geyer
- CY 2024 Planning
- GTRI Contract Update – Mark Dotson

## Motions

1. Approve CY 2024 Q2, 3 & 4 PGB Meeting Dates (Escobar)
2. Approve NIEM Model Version 6.0 PS02 (Atri)

## 5 Minute Break

### UPDATES

- NTAC Update – Jim Cabral
- NBAC Update – Kamran Atri
  - NIEM Model Version 6.0 PS01 “What’s New” – Christina Medlin
- NMO Update – Beth Smalley
  - Comms & Outreach SC – Paul Wormeli
  - Software Purchase Costs/ Implementation – Steve Sullivan & Aubrey Beach
  - Training Stats, STRATCOM & Analytics – Aubrey Beach & Shunda Louis
- Next Meeting
- Other Business/General Discussion
  - 2025 NIEMOpen Summit Discussion
    - **Motion:** Approve summit planning and preparations for 2025 Symposium @ endorsement to commit ~ \$40K to secure meeting facilities
- Questions/Adjourn

# APPROVAL OF AGENDA

- **Chair:** A Draft Agenda for the NIEMOpen 25 January 2024 Project Governing Board (PGB) Meeting was provided to PGB Voting Members as a readahead.
- **Chair:** Are there any recommended changes to the agenda as distributed?
- **Chair:** If there are no (further) changes, the agenda stands approved as distributed (corrected).

✓ ?

☐

Approve

☐

Approve as Corrected

# PGB MEMBERS: AROUND-THE-HORN



# APPROVAL OF 26 OCT 2023 PGB MINUTES

- **Chair:** A Draft of the NIEMOpen 26 October 2023 PGB meeting minutes was provided to the PGB Voting Members as a readahead:  
[https://github.com/niemopen/oasis-open-project/blob/main/pgb-meeting-minutes/2022-2023/26-October-2023/\(DRAFT\)%20NIEMOpen%20PGB%20Meeting%20Minutes%2026%20Oct%202023%20v2%2010-30-23.pdf](https://github.com/niemopen/oasis-open-project/blob/main/pgb-meeting-minutes/2022-2023/26-October-2023/(DRAFT)%20NIEMOpen%20PGB%20Meeting%20Minutes%2026%20Oct%202023%20v2%2010-30-23.pdf)

Please let me know now if you found any errors.

- **Chair:** Are there any corrections to the minutes as distributed?
- **Chair:** If there are no (further) corrections, the minutes stand approved as distributed (corrected).

✓ ?

☐

Approve

☐

Approve as Corrected



# OASIS STAFF/ OP ADMINISTRATORS

- **Mr. Chet Ensign** – Chief Technical Community Steward at OASIS/ OP Administrator



- **Ms. Kelly Cullinane** – OP Administrator



- **Ms. Carol Geyer** – OASIS Open Chief Development Officer



- **Ms. Cathie Mayo** – OASIS Controller





# CY 2023 Q4 FINANCIALS

**Ms. Cathie Mayo** – OASIS  
Controller



# FINANCIALS - TABULAR

## NIEMOpen Quarterly Reporting

Period: Q4-2023

Date: Jan 16, 2024

### Summary of Activities

### Total Funds

### OASIS OP Sponsor Dues

### NIEMOpen General Funds

<b>Fy2022 Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 18,000.00</b>
<b><u>Fy2023 Revenues</u></b>			
Q1-2023	\$ 91,200.00	\$ 71,200.00	\$ 20,000.00
Q2-2023	\$ 70,800.00	\$ 50,800.00	\$ 20,000.00
Q3-2023	\$ 66,200.00	\$ 3,000.00	\$ 63,200.00
Q4-2023	\$ 2,400.00	\$ -	\$ 2,400.00
<b>Fy2023 Revenues</b>	<b>\$ 230,600.00</b>	<b>\$ 125,000.00</b>	<b>\$ 105,600.00</b>
<b>Total Funding as of 12/31/2023</b>			
	<b>\$ 230,600.00</b>	<b>\$ 125,000.00</b>	<b>\$ 123,600.00</b>
<b><u>Fy2023 Expenditures</u></b>			
Q1-2023			\$ -
Q2-2023			\$ -
Q3-2023			\$ 299.00
Q4-2023			\$ 999.00
<b>Fy2023 Expenditures</b>			<b>\$ 1,298.00</b>
<b>Balance of Available Funds</b>			
			<b>\$ 122,302.00</b>

# NIEMOpen Current SPONSORS “No Change”

- Sponsors

- JS J6
- DHS S&T
- CJIS (FBI)
- GTRI
- NAJIS
- IJIS
- DOT
- ODGA (Virginia)
- Equivalent

9 Sponsors, 3 Premier



Premier



Premier



Premier



equivant



- In Discussions

- Microsoft
- DHS OBIM
- DND, Canada
- DOJ



Department of National Defense



- Expressed Interest

- MITRE
- Veterans Administration
- Tyler technologies
- Ernst & Young
- NIST
- DISA
- NOAA
- Pinary



U.S. Department of Veterans Affairs



Ms. Carol Geyer

– OASIS Open Chief Development Officer



# CY 2024 NIEM OPEN PLANNING

## Complete

- ✓ NIEM Version 6.0 Project Specification (PS01)
- ✓ Implement EIN Presswire
- ✓ J6 Complete/contribute MEP tool and host on AWS
- ✓ Implement LearnPress LMS

## Planned/ In Progress

- Submit NIEM 6.0 NDR as PSD/ PS
- Submit NIEM Model Version 6.0 PS02
- Submit NIEM Model Version 6.0 PS02 as an OS
  - Solicit 3 statements of use
- Transfer Training Equities to NMO TSC Training Repo
- Update Training Materials to reflect Model Version 6.0 Updates
- Update/integrate LearnPress LMS w/Model Version 6.0
- Complete NIEM API 2.0
- Develop/Complete NIEM Model Version 6.1
- Submit NIEM Model Version 6.1 as Open Project Release
- Complete/contribute CMF tool
- Complete transfer of github.io files to NIEMOpen
- Execute 2025 NIEMOpen Symposium

## To Be Accomplished 2024!

- Submit NIEM 6.0 NDR as PSD/ PS
- Submit NIEM Model Version 6.0 PS02
- Submit NIEM Model Version 6.0 PS02 as an OS
  - Solicit 3 statements of use
- Transfer Training Equities to NMO TSC Training Repo
- Update Training Materials to reflect Model Version 6.0 Updates
- Update/integrate LearnPress LMS w/Model Version 6.0
- Complete NIEM API 2.0
- Develop/Complete NIEM Model Version 6.1
- Submit NIEM Model Version 6.1 as Open Project Release
- Complete/contribute CMF tool
- Complete transfer of github.io files to NIEMOpen

## Recurring/On-Going

- Identify Potential Sponsors/Conduct Outreach
- Populate OASIS Jira & Confluence Site
- Conduct Monthly Synch w/ OASIS Staff
- Obtain Contributor License Agreements
- Bi-Weekly synch with 2025 Symposium Planning Team

# OASIS-GTRI CONTRACT STATUS

## IC/WORK ORDER

- OASIS OPEN, Independent Contractor Agreement
  - Signed: GTRI 12/1/2023
  - Signed: OASIS 12/6/2023
- Work Order No. 2023-01
  - Awaiting final signatures as of 1/18/2024
- POP: 24 months from execution
- 1<sup>st</sup> \$100K obligated

## Work Order No. 2023-01

### Tasks-(Synopsis):

1. Plan, coordinate, and execute annual model releases
2. Track resolve integrate issues into future releases
3. Maintain, host, and publish existing web-based lookup and indexing facilities for model components
4. Help improve the NIEMOpen architecture and core content for the NTAC and NBAC
5. Provide updated and new tooling and capabilities for new specifications, best practices, design patterns, etc., including tools updated as part of a model release

# PGB TOPICS FOR CONSIDERATION & VOTE

## Motions

1. Approve CY 2024 Q2, 3 & 4 PGB Meeting Dates
2. Update NIEM Model version 6.0 (PS01) to PS02 to redress Issue # 96

## Updates

- NTAC TSC – Jim Cabral
- NABC TSC – Kamran Atri
  - NIEM Model Version 6.0 PS01 “what’s new”/PS02
- NMO TSC
  - Software purchases & implementation status (Aubrey Beach):
    - LearnPress LMS
    - EIN Presswire
    - AWS – web hosting services

# MOTION TO APPROVE CY 2024 (Q2, 3, & 4) PGB MEETING DATES

- **Chair:** A proposal to approve CY 2024 Q 2, 3 & 4 PGB Meeting Dates was submitted as a readahead to PGB Voting Members.
- **Maker: (NMO-Beth Smalley)** I motion that the following PGB Meeting Dates be accepted for the remainder of CY 2024:.

CY 2024 Meeting Dates			
Q2	APR 25	2 – 4 PM	EDT
Q3	JUL 25	2 – 4 PM	EDT
Q4	OCT 24	2 – 4 PM	EDT

- ***SECOND?***
- **Chair:** (Debate) Do any of the members have comments on the proposal?
- **Chair:** Conducts a Simple Majority Vote
- **Chair:** Announces Vote

## Resolution



Approve



Approve w/Comment



Table/Reject



# MOTION TO APPROVE UPDATING NIEM MODEL VERSION 6.0 (PS01) TO PS02 TO REDRESS ISSUE # 96

*Correct “SimpleObjectAttributeGroup, AdapterType, AugmentationType, and ObjectType”*

- **Chair:** A proposal to approve updating NIEM Model Version 6.0 (PS01) to PS02 will be proposed by the NBAC TSC. Included in the motion is direction to publish PS02 to the OASIS Library once approved by the PGB.
- **Maker:** (NBAC Co-Chair Kamran Atri) I Motion that the PGB approve updating the NIEM Model Version 6.0 (PS01) as contained in:
  - Markdown (Authoritative):  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/ps01/niem-model-v6.0-ps01.md>
  - HTML:  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/ps01/niem-model-v6.0-ps01.html>
  - PDF:  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/ps01/niem-model-v6.0-ps01.pdf>
  - Complete Package ZIP file at:  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/ps01/niem-model-v6.0-ps01.zip>as PS02, redressing Issue #96 and make minor administrative corrections as needed.
- Furthermore, direct the Chair to work with OASIS staff to publish the PS02 to the OASIS Library once approved by the PGB.

- **SECOND?**
- **Chair:** (Debate) Do any of the members have comments on the proposal?
- **Chair:** Conducts a Simple Majority Vote
- **Chair:** Announces Vote

## Resolution



Approve



Approve w/Comment



Table/Reject

# BREAK



# NTAC TSC UPDATE

- The NTAC is now targeting the NIEM 6.0 NDR for publication as a Project Specification Draft (PSD) in late Q1 2024 contingent upon staff resources.
- Progress continues on tool development.
- Model/Architecture supports ontology and knowledge graphs frameworks; selected by the National Science Foundation as a Core Semantic Ontology
- New model format (Common Model Format) for outside of XML implementations (JSON, RDF, Knowledge Graph, ...)
- New model lifecycle tools for quicker coding and rapid message exchange development

# NBAC TSC UPDATE

- Update NIEM MODEL Version 6.0 PSO1 TO PS02 correcting Issue #96
- Submit PS02 for approval
- Obtain 3 Statements-of-Use for NIEM Model 6.0
- Advance NIEM Model Version 6.0 PS02 to OS
- NBAC TSC Continues to Encourage Sub-Committee Submission of CLAs and Governance Documents
- Continue to engage the Department of National Defence (DND) (Canada) to encourage DND adoption of the NIEM Model and consider NIEMOpen Sponsorship
- Support NIEMOpen 2025 Symposium efforts

# NIEM MODEL VERSION 6.0 PS01 “WHAT’S NEW”

- Updates to support upcoming [NIEM-NDR-v6.0] changes, including:
  - Adapter changes - New representation terms and a simpler type syntax
  - Attribute augmentations - semantically-named attribute
  - Attribute wildcards - Allows declared attributes to be added to any NIEM element property
  - Metadata changes - Now treated like regular objects
  - Role changes - Leverages standard type extension and the existing `structures:uri`
- Updates related to new digital identity requirements led by the Emergency Management domain
- Code set updates, including:
  - Updates provided by the FBI for the National Crime Information Center (NCIC) codes
  - GENC codes, version 3-12
- PS02 correction needed to redress Issue #96
  - SimpleObjectAttributeGroup, AdapterType, AugmentationType, and ObjectType requires correction:

```
<xs:attribute ref="structures:appliesToParent"/>  
<xs:attribute ref="structures:id" />  
<xs:attribute ref="structures:ref" /> <xs:attribute ref="structures:uri" />  
<xs:anyAttribute processContents="strict" namespace="##other" />
```

- Update schemas to reflect PS02

# NMO TSC UPDATE

- Continue planning for a NIEMOpen 2025 Symposium event
- Updating NIEM Training to reflect NIEM Model Version 6.0
- Bringing MEP Builder Tool online
- Supporting NIEM Model Version 6.0 PS02 update
- Implementing LMS, EIN Presswire and AWS
- NIEM.org updates

# COMMUNICATIONS & OUTREACH SUB-COMMITTEE

- Supporting 18 NSF grantees on use of NIEMOpen in Open Knowledge Network pilot projects
- Following up NIEMOpen briefing at London cybersecurity conference
- Published opening press release on NIEM Open progress and C&O formation
- Helping recruit new sponsors for NIEM Open
- Developing stewardship resources for inactive domains
- Planning with DAMA to expand use cases for NIEMOpen
- Progress toward the Republic of Colombia to adopt NIEM for criminal intelligence and environmental domains and translate into Spanish
- Soliciting deeper industry participation
- Response to inquiries from presentations



# CY 2023 APPROVED PURCHASES

	CY 2023 Date Approved /Price
LearnPress LMS – (procured)	7-27-2023/ \$299/license (Special Introductory Price) 299.00 - purchased
EIN Presswire TBD	10-26-2023/ \$999.00 - purchased
AWS TBD	10-26-2023/obtained

# PGB Approved Software/Service Resources Update

## LearnPress LMS

- R&D assessment of functionality completed
- Working on proof of concept on NIEMOpen development environment
- Planning to modularize content into lessons; include knowledge checks; possible workflow to issue certificates of completion
- Update current curriculum to reflect: • Model Version 6.0 • API 2.0 • NDR v6.0 • MEP & CMF tools

## EIN Presswire

- First press release issued on 1/4/24  
– NIEMOpen Transition to OASIS
- 50+ major news aggregator services; targeting industry, organizations, government
- 30 press releases available over CY24; plan to tap NBAC, NTAC, PGB for topics to promote
- Analytics available to demonstrate PR reach and engagement; tracking of referral links to identify comm channels

## MEP Builder

- Completed implementation of AWS Hosting dev and prod environments
- Full documentation of deployment and maintenance procedures for future releases (if funded and/or community contribution)
- Automated backups, file retention policy for IEPD/MEP archiving, publicly accessible (upon approval of account)
- Code base completely open-source and containerized, available (TBD) on GitHub for distribution

# TRAINING STATISTICS (500+ ATTENDEES SINCE SEP 21)

## Next Steps:

- Implement LMS - Potential Revenue Builder for NIEMOpen
- Update Curriculum to reflect NIEM Model Version 6.0 Changes
- Expand Instructor Pool – Promote NIEMOpen In-kind Instructor Contribution from NIEMOpen Sponsors/Members
- Explore Awarding Course Completion Certificates, Credentialing, Accreditation, PDUs
- Embed NIEMOpen Training with Commercial/Vendor Provider Offerings

Total Tickets	Category <span>▼</span>																				
																					Grand Total
YR-QTR <span>▼</span>	Academia	Canada	City/State /Local	DHS	DoD	DoJ	EIA	NEt	MIT RE	Oth er	r- .org	DOC	NASA	DOE	DOT	USDA	Finland	IRS	India	ODNI	
2023-Q4	1	1	1		1					1					5						10
2023-Q3			2	1	4					9	1										17
2023-Q2	1		2	1	18	1				14											37
2023-Q1	1	5	7	4					1	27	4	1	2								52
2022-Q4	2		10	5	3				1	34	1			1	9	1					67
2022-Q3	2		10	4	2	1				42	7				3		1				72
2022-Q2	1	2	32	7	26	4			1	61	3				1			1	1	1	141
2022-Q1	2	17	11	2	16	8	1	1	9	45	3	2									117
2021-Q4		22	1	1	3					3	2										32
2021-Q3		8			17	1			3	3	2										34
Grand Total	10	55	76	25	90	15	1	1	15	239	23	3	2	1	18	1	1	1	1	1	579

# STRATCOM UPDATE

## Completed:

- Marketed / Booked Training Classes (600+ attendees)
- NIEMOpen.org Content Updates
- MEP Builder AWS Hosting Deployment
- EIN Presswire Publication Release
- NIEMOpen.org Analytics integration

## Upcoming:

- Marketing of NIEM MEP Builder v3.2.0
- Migrating content from NIEM.gov → NIEMOpen.org; slim down NIEM.gov to focus on gov stakeholders
- Training for NIEM 6.0 release
- NIEM Summit 2025 logistics
- New Sub-committee page layouts; collaboration features
- LearnPress LMS roll out

## NIEMOpen Resource Statistics (CY23)



37,794  
impressions



417  
MEP Builder downloads



19,294  
views



163  
views

# NIEM WEB ANALYTICS YEAR-TO-DATE OVERVIEW

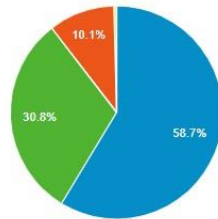
(Numbers/Arrows reflect changes between 07/01/23 – 12/31/23)

## NIEM.gov (Informational)

How is traffic over time?



How are users finding NIEM?

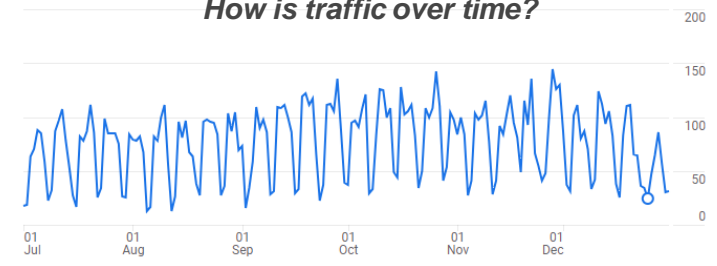


What content do users view?

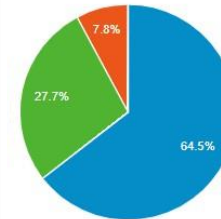
Top 5 Pages	
/ (home page)	
/about-niem	
/about-niem/niem-model	
/tools-catalog	↑
/getting-started	↑

## NIEM.GitHub.io (Technical)

How is traffic over time?



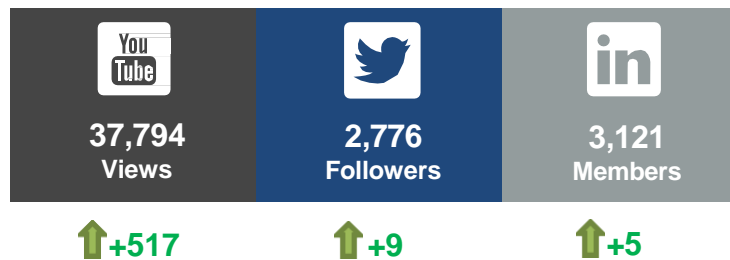
How are users finding NIEM?



What content do users view?

Top 5 Pages	
/niem-releases	
/reference/[...]/attribute/json	
/ (home page)	
/json/sample-schema	↑
/training	

## Social Media



## Email Marketing

Why use email?

- Users sign up & give permission to receive news
- Personal & private; target users based on agency, role, etc.
- Measureable analytics; email open rate, click through, etc.

\*Mailing list temporarily unavailable due to lapse in subscription. Transitioning to OASIS listserv.

# PGB MEETING SCHEDULE

## NEXT PGB Meeting

- Thursday, 25 April 2024
- Virtual Meeting 2 – 4 PM EDT
  - Virtual: MS TEAMS

## Subsequent CY 2024 Meetings

- Thursday, 25 July 2024, 2-4 PM EDT
- Thursday, 24 October 2024, 2-4 PM EDT

Pending Approval

# OTHER BUSINESS/DISCUSSION

- 2025 NIEMOpen Summit



**NIEMOPEN**  
TRAINING & SUMMIT  
'Grand Opening Event'

Proposed Date:  
February 2025

---



**NIEMOPEN**

# Event purpose & goals

The aim is to offer cost-effective training and a recruitment platform for NIEMOpen, establishing an annual training gathering for IT professionals spanning Federal, State, Local, Tribal, International, and Commercial sectors.

## Objectives:

- Facilitate interactions among open-source community members, providing them with the opportunity to meet, share insights, and learn from leaders of NIEMOpen, OASIS, and sponsoring partners regarding NIEMOpen implementation.
  - Re-establish an annual opportunity for the NIEMOpen community and partners to connect with each other and engage with senior PGB leadership.
  - Webcast: A webcast or recordings could be made available during and after the event to reach wider audiences and partners under travel restrictions. Pending cost analysis.
-

# Audience

Participants consist of professionals from various sectors, spanning government agencies, law enforcement, emergency response, healthcare, and technology, actively engaged in data standards, management, exchange, and interoperability. This encompasses NIEMOpen Sponsors, subcommittee leads, voting and non-voting members, as well as users and adopters of NIEMOpen.

Organizations invited to attend include the [Department of Defense](#), [Federal Bureau of Investigation](#), [Department of Homeland Security](#), [Department of Justice](#), [Department of Transportation](#), [Commonwealth of Virginia](#), [Georgia Tech](#), [IJS](#), [NAJIS](#), [Equivant](#) and various others. The event will also feature international representation, including the [Government of Canada](#).

---

# Program considerations

- **Agenda:** Spanning three days and encompassing up to three tracks, the event will tackle issues crucial to program managers, architects, and IT professionals.
- **Tracks:** Tailored for diverse roles in NIEMOpen, aligning with its dedication to supporting member organizations' missions. Tracks may feature diverse training sessions, standalone talks, interactive panels, and/or expertly moderated Q&A breakout sessions.
- **Keynotes:** From various levels of government and industry.
- **Speakers:** To feature former trailblazers from founding organizations like DHS, DOJ, and Health & Human Services to newcomers within the community. Speakers to be recruited both by invitation and open call for presentations.

**Agenda Access:**  
Available at [URL].

# Financial background

*(300 people)*

---

**Event Expenses:** Hosting a 300-person event will incur costs ranging from \$150,000 to \$225,000

---

**Event Revenue:** Funding to cover expenses will come from a mixture of sponsorship and registration fees.

---

**Deposit:** Advance payment funding up to \$40,000 will be involved (non-refundable).

---

**Event Profit:** Profit from the event will go back to the NIEMOpen project.

---



# Dates and location to consider

- Washington D.C area (access to public transportation)
  - Non-hotel venue option to avoid liability
    - [The National Press Club](#) – 14<sup>th</sup> Street, NW, Washington, DC
  - Potential dates in 2025 (on hold):
    - Feb 4, 5, 6 (Tues-Thurs)
    - Feb 18, 19, 20 (Tues-Thurs)
  - Three full days (avoid Mon-Fri)
  - Time - 9:00 AM-5:00 PM (each day)
-

# Next steps

1

**Concept Presentation:**  
Introduce event concept  
and details.

**25 January**

2

**Feedback & Revisions:**  
Submit preliminary budget  
and address any final  
questions from the board.

**By 22 February**

3

**Approval:**  
Submit preliminary budget  
with liability plan to the  
board for approval.

**By 29 February**

4

**Confirm Date &  
Sign Contract**

**By 22 March**  
(11 months before first  
date option)

---



# MOTION TO CONTINUE PROJECT PLANNING & PREPARATIONS FOR 2025 NIEMOPEN SUMMIT & CONTINGENT APPROVAL TO COMMIT RESOURCES TO SECURE MEETING FACILITIES (BALLROOM & 2 BREAKOUT ROOMS) AT THE NATIONAL PRESS CLUB TO SUPPORT THE EVENT

- **Chair:** A proposal to continue to support project planning and preparations for a NIEMOpen 2025 Symposium and endorsement to commit less than or equal to \$40K to secure meeting facilities at the National Press Club for the event was provided a readahead to PGB Voting Members.
- **Maker:** (NMO TSC: Beth Smally) I motion that the PGB approve:
  - Continue event planning & preparations for a 2025 NIEMOpen Symposium
  - Commit approximately 40K to secure meeting facilities at the National Press Club contingent on the availability of funds.

- ***SECOND?***
- **Chair:** (Debate) Do any of the members have comments on the proposal?
- **Chair:** Conducts a Simple Majority Vote
- **Chair:** Announces Vote

## Resolution



Approve



Approve w/Comment



Table/Reject

# ADJOURN

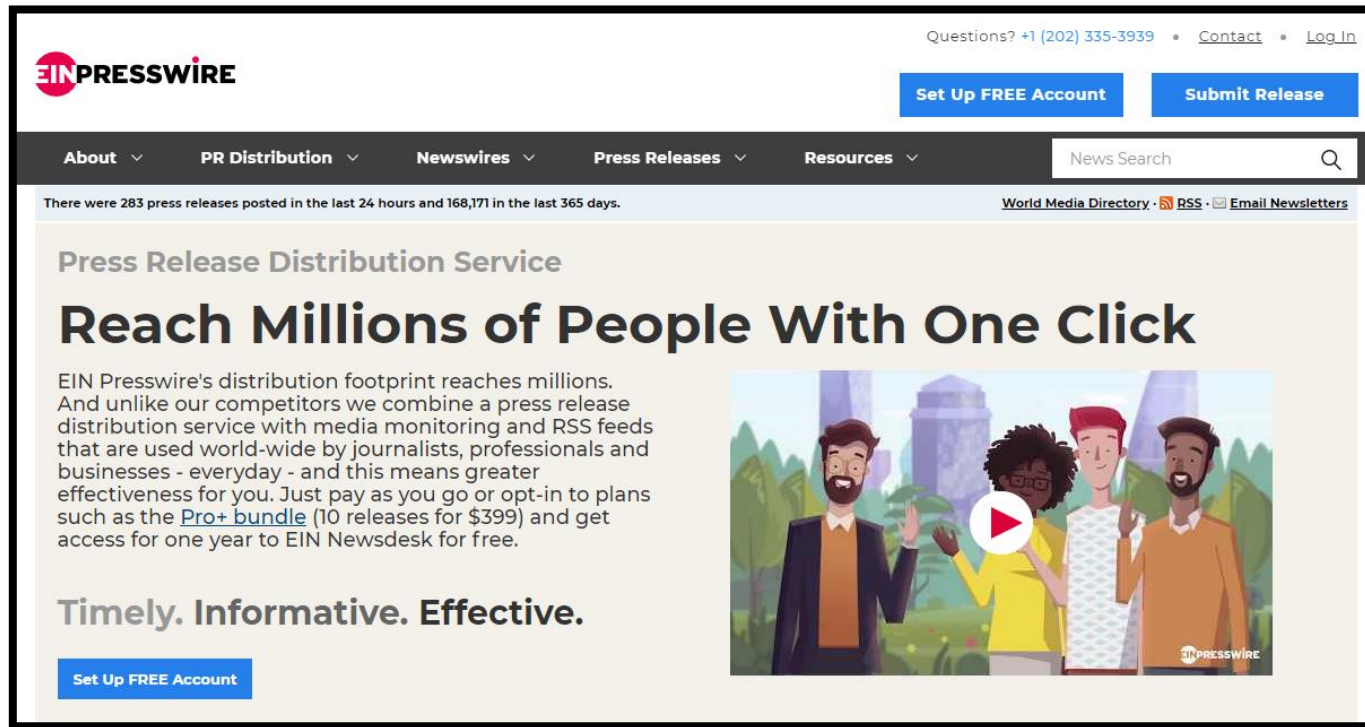
- Chair: Do any of the PGB members or our attending guests have any questions?
- Chair: Meeting Adjourned



# BACKUPS

# EIN Presswire

- **PURCHASED** - Online newswire and news distribution service; promote NIEMOpen to industry leaders and a larger target audience



**Estimate: \$2,000 / per annum**

**Actual \$999.00**

- COTS software; 1-year license; does not include cost to produce content

## Notes:

- Posts press-releases; NIEMOpen milestones, etc. to 50+ major news aggregator services

## Impact:

- Increase awareness of NIEMOpen outside of existing community; promote to curated target audience

# LEARNPRESS LEARNING MANAGEMENT SYSTEM (LMS)

**PURCHASED** - Incorporate online training directly into NIEMOpen.org; establish modularized dynamic content to reduce learning curve of IEPD/MEP design, development, and implementation



**Estimate:** \$2,000 / per annum

**Actual:** \$300 / “first year”

**Status:** Building & testing initial implementation

**Recommendation:** Approve as a recurring purchase, ~2K per year, if the General Fund balance permits at time of renewal.

# The Message Exchange Package (MEP) Tool



**Design.**



**Develop.**



**Share.**

## Overview:

MEP Builder, in active development by the NMO since 2021, is a containerized application that leads users through the design and development of the IEPD/MEP Lifecycle.

## Features:

- Intuitive UI/UX wizard guides the user step-by-step
- Allows users to publish, browse, and modify IEPD's/MEP's
- Open-source development; allows for NIEM community to enhance/expand functionality

## Status:

Production release expected Q1 FY2024.

# AWS HOSTING TO SUPPORT MEP BUILDER

Website hosting with



## Initial cost to set up AWS, configure, test, and MEP production deployment:

- Cost: *In-kind contribution from NMO*
- LOE: 92 hours; projected production deployment Q1 FY2024

## Cost to maintain:

- AWS Cost (Annual): \$7,417.80 (\$618.15/month x 12 months)
- LOE (annual): 132 man-hours (11 hours/month x 12 months)

## Why AWS?

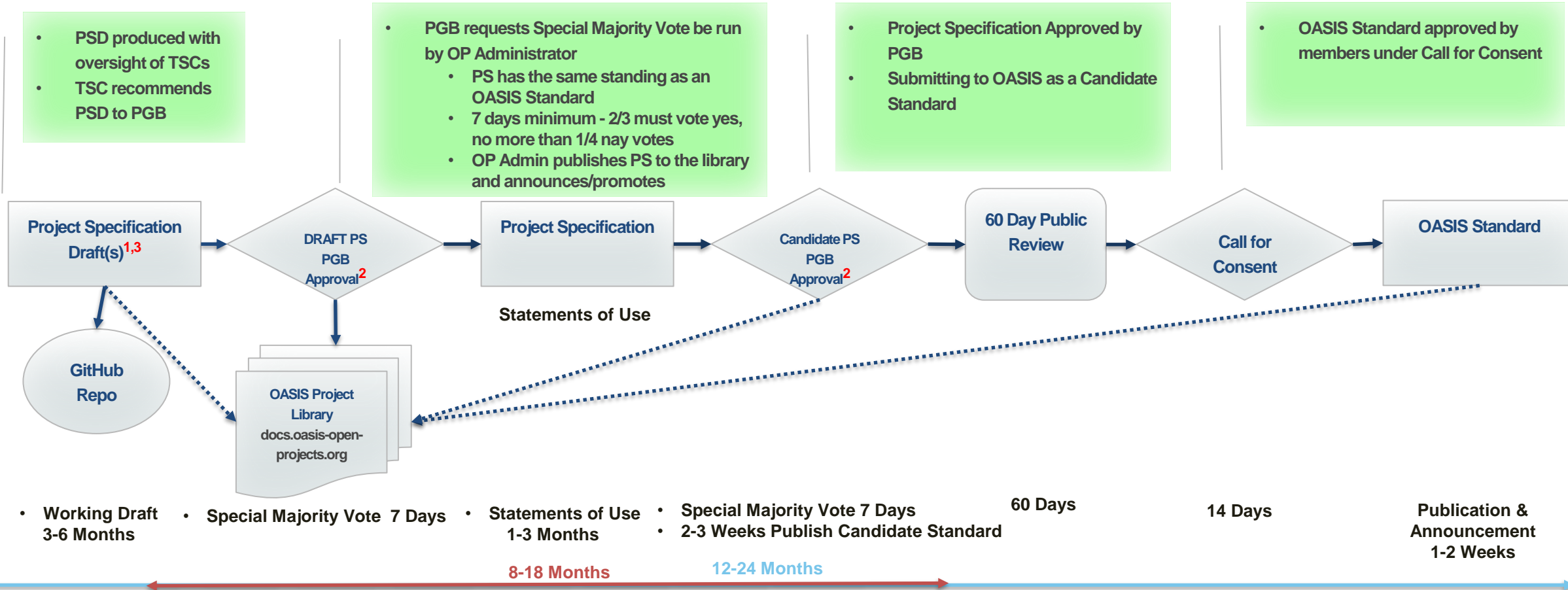
- While MEP Builder is containerized and can be deployed locally and/or on a private network server, AWS will deliver a publicly accessible resource for the NIEMOpen community to create, share, and browse IEPD/MEP's.
- AWS infrastructure can scale to meet community needs.



# SPECIFICATION WORKFLOW AND TIMELINE

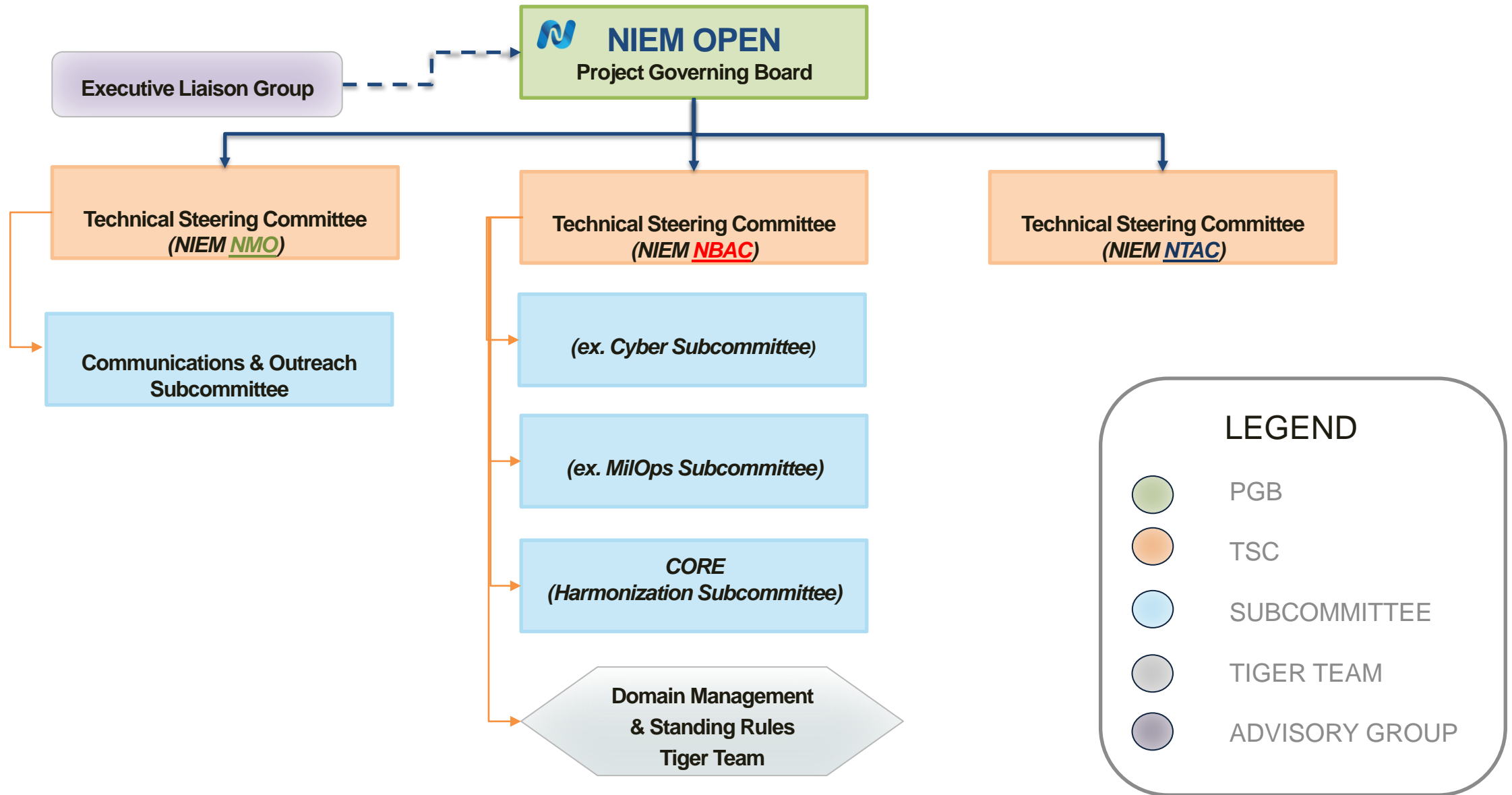
- Request a spec template from OP Admin
- Decide on editor(s)
  - Editor's job is to capture the intentions of the project team/TSC
  - Editor's Manual starting at <https://docs.google.com/document/d/1ITartcAzlqidzrCxuXFFiwdRDKRipqMnNsMS24SZdjg/edit>
- Create Project Specification Draft (PSD)

- PGB can decide to advance PS to OASIS for consideration as an OASIS Standard
  - Requires 3 Statements of Use and a Special Majority Vote run by OP Admin
  - 60-day public comment period
  - The Project Specification (PS) is put to OASIS Members in a 14-day Call for Consent. If no objections, work becomes an OASIS Standard, eligible for submission to other SDOs





# NIEM OPEN PROJECT GOVERNANCE



# MOTION TO APPROVE ADVANCING NIEM MODEL VERSION 6.0 PS02 TO AN OS

- **Chair**: A proposal to approve advancing NIEM Model Version 6.0 PS02 to OASIS for consideration as an OASIS Standard (OS) was provided as a readahead to PGB Voting Members.
- **Maker**: (NBAC TSC: Kamran Atri) I motion that the PGB approve advancing NIEM Model Version 6.0 PS02 to OASIS for consideration as an OASIS Standard (OS).

## Steps:

- PGB can decide to advance PS to OASIS for consideration as an OASIS Standard
  - Requires 3 Statements of Use and a Special Majority Vote run by OP Admin
  - 60-day public comment period
  - The Project Specification (PS) is put to OASIS Members in a 14-day Call for Consent. If no objections, work becomes an OASIS Standard, eligible for submission to other SDOs

- ***SECOND?***
- **Chair**: (Debate) Do any of the members have comments on the proposal?
- **Chair**: Conducts a Simple Majority Vote
- **Chair**: Announces Vote

## Resolution



Approve



Approve w/Comment



Table/Reject

# FINANCIALS SUMMARY – TABULAR 1 OF 4

## NIEMOpen Quarterly Reporting

Period: Q4-2023

Date: Jan 16, 2024

Summary of Activities	Total Funds	OASIS OP Sponsor Dues	NIEMOpen General Funds
<b>Fy2022 Revenues</b>	\$ -	\$ -	\$ 18,000.00
<b><u>Fy2023 Revenues</u></b>			
Q1-2023	\$ 91,200.00	\$ 71,200.00	\$ 20,000.00
Q2-2023	\$ 70,800.00	\$ 50,800.00	\$ 20,000.00
Q3-2023	\$ 66,200.00	\$ 3,000.00	\$ 63,200.00
Q4-2023	\$ 2,400.00	\$ -	\$ 2,400.00
<b>Fy2023 Revenues</b>	<b>\$ 230,600.00</b>	<b>\$ 125,000.00</b>	<b>\$ 105,600.00</b>
<b>Total Funding as of 12/31/2023</b>	<b>\$ 230,600.00</b>	<b>\$ 125,000.00</b>	<b>\$ 123,600.00</b>
<b><u>Fy2023 Expenditures</u></b>			
Q1-2023			\$ -
Q2-2023			\$ -
Q3-2023			\$ 299.00
Q4-2023			\$ 999.00
<b>Fy2023 Expenditures</b>			<b>\$ 1,298.00</b>
<b>Balance of Available Funds</b>			<b>\$ 122,302.00</b>

# FINANCIALS REVENUE REPORT (Q1 & Q2) – TABULAR 2 OF 4

## NIEMOpen Project

### PROJECT REVENUE REPORT

### Project Revenue Allocations

Sponsors	Date joined- Date renewed	Sponsor Level	Dues/ Amounts	Payment Status	OASIS OP Sponsor Dues (up to \$125k)	Sponsor Dues (over threshold >\$125k) +	NIEMOpen General Funds
<b>Quarterly Reporting</b> <b>Period:</b> <b>Date:</b>							
<b>Q1-2023</b> <b>1/1/20223-3/31/2023</b> <b>April 10, 2023</b>							
Joint Staff J6	2/21/2023	Premier	\$65,000	Paid	\$45,000		\$20,000
US Department of Transportation	3/13/2023	Sponsor New	\$25,000	Paid	\$25,000		
Commonwealth of Virginia Office of Data Governance and Analytics (ODGA)	3/23/2023	Sponsor New	\$1,200	Paid	\$1,200		
<b>Q1-2023 Totals</b>			<b>\$91,200</b>		<b>\$71,200</b>	<b>\$0</b>	<b>\$20,000</b>
<b>Quarterly Reporting</b> <b>Period:</b> <b>Date:</b>							
<b>Q2-2023</b> <b>4/1/2023-6/30/2023</b> <b>6/30/2023</b>							
Federal Bureau of Investigation	4/1/2023	Premier NEW	\$65,000	Paid	\$45,000		\$20,000
Equivant	6/15/2023	Sponsor Renew	\$5,800	Paid	\$5,800		
<b>Q2-2023 Totals</b>			<b>\$70,800</b>		<b>\$50,800</b>	<b>\$0</b>	<b>\$20,000</b>

# FINANCIALS REVENUE REPORT (Q3 & Q4) – TABULAR 3 OF 4

## NIEMOpen Project

### PROJECT REVENUE REPORT

### Project Revenue Allocations

Sponsors	Date joined- Date renewed	Sponsor Level	Dues/ Amounts	Payment Status	OASIS OP Sponsor Dues (up to \$125k)	Sponsor Dues (over threshold >\$125k) +	NIEMOpen General Funds
<b>Period:</b> 7/1/2023-9/30/2023 <b>Date:</b> Oct 11,2023							
US DHS Science and Technology	9/1/2023	Premier	\$65,000	Paid	\$3,000	\$42,000	\$20,000
Georgia Tech Research Institute	9/23/2023	Sponsor Renew	\$1,200	Paid		\$1,200	
<b>Q3-2023 Totals</b>			<b>\$66,200</b>		<b>\$3,000</b>	<b>\$43,200</b>	<b>\$20,000</b>
<b>Quarterly Reporting</b> Q4-2023 <b>Period:</b> 10/1/2023-12/31/2023 <b>Date:</b> Jan 16,2024							
NAJIS National Association for Justice Information Sys	10/20/2022	Sponsor Renew	\$1,200	Paid		\$1,200	
IJIS Institute	10/28/2022	Sponsor Renew	\$1,200	Paid		\$1,200	
<b>Q4-2023 Totals</b>			<b>\$2,400</b>		<b>\$0</b>	<b>\$2,400</b>	<b>\$0</b>
<b>Fy2023 YTD Funding</b>			<b>\$230,600</b>		<b>\$125,000</b>	<b>\$45,600</b>	<b>\$60,000</b>

# FINANCIALS PROJECT SPENDING REPORT (Q3 & Q4) – TABULAR 4 OF 4

NIEMOpen Project

PROJECT SPENDING REPORT

Quarterly Reporting

Q4-2023

Period Covered

10/1/2023-12/31/2023

Date:

January 1, 2024

Date Submitted	Vendor	Description of Services	Amount	Date Approved by PGB	NIEMOpen General Funds
nothing to report					
<b>Q1-2023 Spending Totals</b>					<b>\$0.00</b>
nothing to report					
<b>Q2-2023 Spending Totals</b>					<b>\$0.00</b>
8/31/2023	ThimPress/ LearnPress Software	1 Yr annual subscription	\$299.00	7/27/2023	\$299.00
<b>Q3-2023 Spending Totals</b>					<b>\$299.00</b>
12/22/2023	EIN Presswire	Press Releases (25+5)	\$999.00	10/26/2023	\$999.00
<b>Q4-2023 Spending Totals</b>					<b>\$999.00</b>
<b>Total Funds Spent 2023</b>					<b>\$1,298.00</b>