NIEMOPEN

PGB Session

11 April 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, 11 April 2024.

# VENUE

## PGB Meeting

- 11 April 2024

- Virtual Meeting 2-4 PM EST

  – Virtual: MS TEAMS

**Microsoft Teams 11 April 2024
PGB Meeting**

**Microsoft Teams 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#


**Current and post meeting location of 11 Apr PGB Meeting documents**:

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# 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)

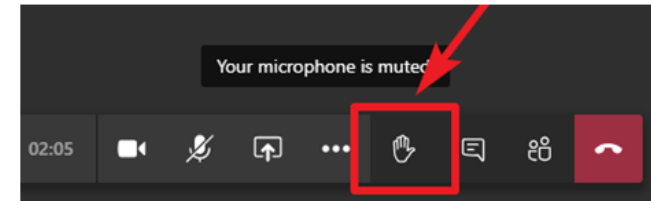**Please note: ESC** sessions are audio recorded.

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

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# 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

Shunda Louis
shunda.r.louis.ctr@mail.mil

Stephen Sullivan
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

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# PGB 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**
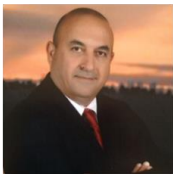Executive Director Integrated Justice Information Systems Institute

**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)

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# NMO, NBAC, & NTAC TSC CO-CHAIRS & OASIS MAINTAINERS

| 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 |

| 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) |

NTAC TSC

NBAC TSC

NMO TSC



Ms. Christina Medlin



Mr. Aubrey Beach



Mr. Tom Carlson

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# PROPOSED 11 APRIL 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 25 Jan 2024
- OASIS Staff / NIEMOpen Administrator Comments
- Q1 Financial Snapshot – Cathie Mayo (OASIS)
- Sponsor Update – Carol Geyer
- CY 2024 Planning

### 5 Minute Break

## Motions

1. Motion to approve CY 2024 Q3 &4 PGB Revised Meeting Dates – Beth Smalley
2. NIEMOpen Reveal Event Update – Katherine Escobar
   - Motion to approve Committing funds to reserve facilities at the National Press Club– Beth Smalley
3. PS02 Update – Jim Cabral
   - Motion to approve Updating NIEM Model Version 6.0 to PS02.

## Updates

- NTAC Update
  - Common Model Format (CMF)
  - CMF Tool
  - NDR
- NBAC Update – Kamran Atri
- NMO Update
  - NMO TSC Transition – Katherine Escobar
  - API 2.0 – Shunda Louis
  - MEP Tool – Aubrey Beach
  - Comms & Outreach SC – Paul Wormeli
- Next Meeting
- Other Business/General Discussion
- Questions/Adjourn

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# APPROVAL OF AGENDA

- **<u>Chair:</u>** A Draft Agenda for the NIEMOpen  11 Apr 2024 Project Governing Board (PGB) Meeting was provided to PGB Voting Members as a readahead.

- **<u>Chair:</u>** Are there any recommended changes to the agenda as distributed?

- **<u>Chair</u>**:  If there are no (further) changes, the agenda  stands approved as distributed (corrected).

✓ **?**     ☐ Approve
            ☐ Approve as Corrected

# BLUF

## PGB CALL TO ACTION



- There is a cost to produce model releases, maintenance & updates:
  - — Development Support
  - — OASIS Workflow
    - ▪ Project Specification Draft
    - ▪ Project Specification
    - ▪ OASIS Standard
  - — Harmonization
  - — Model Release

**3 FTE @ $1M ROM**

| Sources of Funding | |
|---|---|
| **Description** | **Status** |
| Crowdsourcing funding through sponsorship ($ 100K surplus/YR) | Q1 2024 ~33K |
| Contributions beyond sponsor dues | Q1 2024 = 0 |
| In-kind labor | Non-contract NMO, NBAC, NTAC & PGB |
| Special events: 2025 NIEMOpen Reveal surplus $ (~ $ 25 k) | Q1 2024 = 0 |
| Monetizing key activities: training help desk & tech support | Q1 2024 = 0 |



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# PGB MEMBERS: AROUND-THE-HORN

# APPROVAL OF 25 JAN 2024 PGB MINUTES

- **<u>Chair:</u>** 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/2024/25-January-2024/(DRAFT)%20NIEMOpen%20PGB%20Meeting%20Minutes%2025%20Jan%202024%20v2%201-30-2024.docx

Please let me know now if you found any errors.

- **<u>Chair:</u>** Are there any corrections to the minutes as distributed?

- **<u>Chair</u>**: 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

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# CY 2023 Q4 FINANCIALS

**Ms. Cathie Mayo** – OASIS
Controller

# NIEMOpen Current SPONSORS "No Change"

## 9 Sponsors, 3 Premier

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

Premier    Premier    Premier

- **In Discussions**
  - Microsoft
  - DHS OBIM
  - DND, Canada
  - DOJ

DHS OBIM

Department of National Defense

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

**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
- ✓ Complete/IOC MEP Builder Tool
- ✓ Complete NIEM API 2.0

## Planned/ In Progress 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
- Execute 2025 NIEMOpen Reveal
- Complete/IOC MEP Builder Tool

## 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

# PGB TOPICS FOR CONSIDERATION & VOTE

## Motions

1. Approve Revised  CY 2024 Q3 & 4 PGB Meeting Dates
2. Approve resources to secure meeting facilities (Ballroom & 2 breakout rooms) at the National Press Club for the NIEMOpen REVEAL event
3. Motion to Approve Updating NIEM Model version 6.0 (PS01) to PS02 to redress minor Bug Fixes & administrative corrections

## Updates

– NTAC TSC
– NABC TSC
– NMO TSC

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

- **Chair:** A proposal to approve updating CY 2024 Q 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 | | | |
|---|---|---|---|
| Q3 | AUG 1 | 2 – 4 PM | EDT |
| Q4 | NOV 7 | 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

✓ **?**

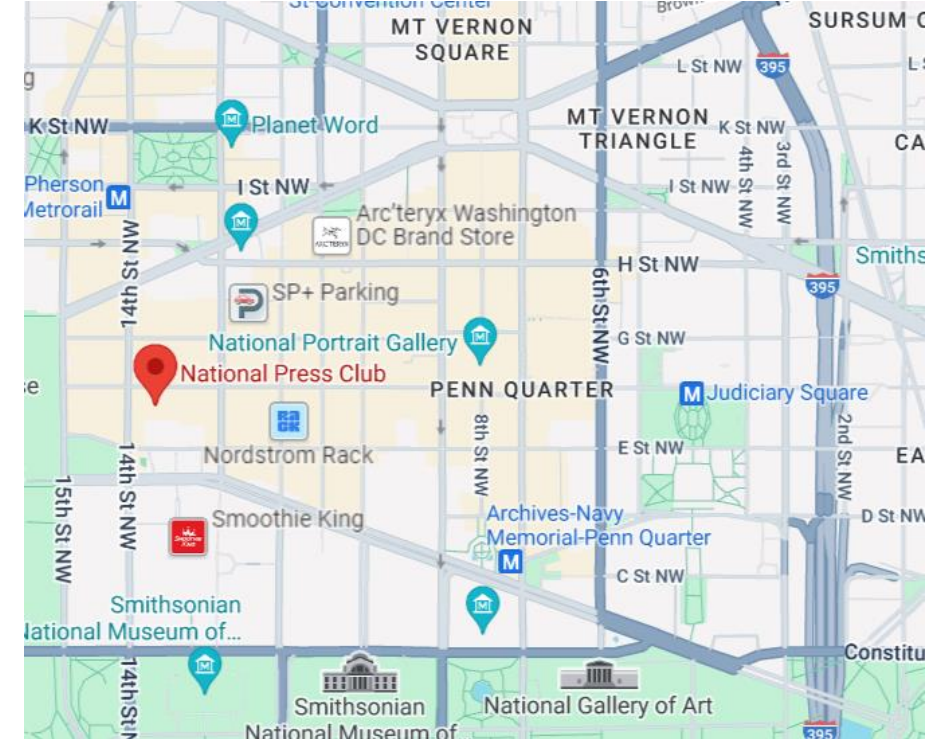| Resolution | |
|---|---|
| ☐ | Approve |
| ☐ | Approve w/Comment |
| ☐ | Table/Reject |

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# PURPOSE & GOALS

- **Reveal the "new" NIEMOpen after transitioning  to an OASIS Open Project**
  - The event will offer a cost-effective training and  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.
  - Formal Recognition "Awards" NIEMOpen exemplary work.
  - Increase Community awareness
  - Potential funding surplus to support NIEMOpen tech development
  - Sponsorship recruitment
  - Vendor engagement

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# PROGRAM CONSIDERATIONS

- **Agenda:** Spanning three days and encompassing up to three tracks:
  - **Plenary**
  - **Technical Primer**
  - **Expert Technical**
  - **"Hackathon"**

- **Tracks:** Tailored for diverse roles in NIEMOpen, aligning with its dedication to supporting member organizations' missions.
  - **Plenary**: focusing on issues of interest to the broad information exchange and Standards communities
  - **2 Training Tracks:** offering both Primer and Expert NIEM Model and architecture technical sessions, standalone talks, interactive panels, and/or expertly moderated Q&A sessions.
  - **Hackathon:** NIEMOpen offsite developer challenge coincident with ongoing Reveal events. Winners selected on last day and announced at plenary.

- **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.

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# NATIONAL PRESS CLUB



Homepage | National Press Club

**Located in:** National Press Building
**Address:** 529 14th St NW,
Washington, DC 20045
**Founded:** March 29, 1908
**Phone:** (202) 662-7500



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# FINANCIAL BACKGROUND

- **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/transferrable).
- **Event Profit:** Profit from the event will go back to the NIEMOpen project.

**NIEMOpen Training Summit**
**Draft Budget**

| # | | | Preliminary Estimate | |
|---|---|---|---|---|
| # | **Registration Revenue** | | | |
| 30 | Attendance Fee (early bird before 15 November) | $ 695.00 | $ | 20,850.00 |
| 20 | Attendance Fee (late after 15 November) | $ 795.00 | $ | 15,900.00 |
| | | | | |
| 100 | Government, non-profit, academics (early bird before 15 November) | $ 395.00 | $ | 39,500.00 |
| 80 | Government, non-profit, academics (late after 15 November) | $ 495.00 | $ | 39,600.00 |
| 70 | Complimentary (speakers) | $ - | | |
| 0 | Reception Ticket | $ 50.00 | $ | - |
| **300** | **Total Registration Income** | | **$** | **115,850.00** |
| | | | | |
| # | **Sponsorship Revenue** | | | |
| 1 | Diamond Sponsorship (reception-table-speaking op) | 25,000 | $ | 25,000.00 |
| 2 | Platinum Sponsorship (speaking op-table) | 15,000 | $ | 30,000.00 |
| 4 | Gold Sponsorship (table) | 10,000 | $ | 40,000.00 |
| 2 | Silver Sponsorship (breaks/lunches) | 7,500 | $ | 15,000.00 |
| 3 | Logo Only Sponsorship | 1,500 | $ | 4,500.00 |
| **7** | **Total Sponsorship Income** | | **$** | **89,500.00** |
| | | | | |
| | **Total Potential Venue Expenses** | | **$** | **165,152.00** |
| | **Total Potential Revenue** | | **$** | **205,350.00** |

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# MOTION TO COMMIT RESOURCES TO SECURE MEETING FACILITIES (BALLROOM & 2 BREAKOUT ROOMS) AT THE NATIONAL PRESS CLUB FOR THE NIEMOPEN REVEAL EVENT

- **Chair:** A proposal to commit ~ $ 31K (after rebate) to secure meeting facilities at the National Press Club.
- **Maker: (NMO TSC: Beth Smally**) I motion that the PGB approve:

  - Committing approximately 31K to secure meeting facilities at the National Press Club contingent on the availability of funds.
  - Note, the total cost after rebate is expected to be $31K.
  - This expenditure is expected to be recovered via sponsors and registration fees.

- *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 |

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# NIEM MODEL 6.0 PS02

- One minor change to a technical architecture namespace
  - Complex types in structures namespace must have `appliesToParent` attribute
- No change to model content
- Ready for approval vote today

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# MOTION TO APPROVE UPDATING NIEM MODEL VERSION 6.0 (PS01) TO PS02 TO REDRESS MINOR BUG FIXES & ADMINISTRATIVE CORRECTIONS

- **Chair:** A proposal to approve updating NIEM Model Version 6.0 (PS01) to PS02 will be proposed by the NTAC TSC. Included in the motion is direction to publish PS02 to the OASIS Library once approved by the PGB.
- **Maker: (**NTAC Co-Chair Jim Cabral) 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 minor bug fixes and 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

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# BREAK

# NTAC TSC UPDATE

- PS02 ( Discussed as predicate to motion to approve)
- Common Model Format (CMF)
- CMF Tool – Dr. Scott Renner
- NDR – Dr. Scott Renner

# COMMON MODEL FORMAT (CMF)

- The alpha-3 version of CMF 1.0 is posted
- Integrated with CMFTool
- Basically stable, no major revisions expected
- Ready to enter PSD01 process

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# CMFTOOL

- A command-line developer tool for working with NIEM XSD and CMF
  - Also provides functionality to API 2.0
- Provides round-trip translation between NIEM XSD and CMF
- Also generates simplified message schema XSD
  - Addresses several developer complaints
- The alpha-2 version of CMFTool 1.0 is posted
  - Not a specification, no PSD process required
  - Bug reports and change requests are anticipated

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# NDR 6.0 REVISION

- A major rewrite of NDR 5.0
  - A new abstract UML metamodel defining the information content of a NIEM model
  - Two concrete model formats:  XSD and CMF
  - Two supported message formats: XML and JSON
  - Simplified conformance rules for message schemas
  - Changes to augmentation and metadata
  - More explanation, (slightly) less technical detail

- A working outline and initial version is posted

- Progress is progressing

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# NBAC TSC UPDATE

- Update NIEM MODEL Version 6.0 PSO1 TO PS02
- Obtain 3 Statements-of-Use for NIEM Model 6.0
- Advance NIEM Model Version 6.0 PS02 to OS
- Support NIEMOpen 2025 Reveal

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# NMO TSC UPDATE

- NIEMOpen Reveal  (Discussed as predicate to motion to reserve NPC facilities)

- API 2.0 Progress – Ms. Shunda Louis

- MEP Tool – Aubrey Beach

- NMO TSC Transition Planning Katherine Escobar

- Communications & Outreach Sub-Committee

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# API 2.0 UPDATE

## Completed actions:

| Alpha | Focus | Description | Comments |
|---|---|---|---|
| 1 | Transforms | Convert [CMF or XSD] to [CMF, XSD, OWL, or JSON Schema] | Other output transformation modules should be added later (e.g., spreadsheet, CSVs, lite UML, etc.) |
| 2 | Get model details | Get information about stewards, models, versions, namespaces, properties, types, and facets.  Load NIEM 1.0 – 5.2 data. | Multi-model support for NIEM + IEPDs. |
| 3 | Search models | Search properties and types | Code set searching should be added later. |
| 4 | Migrate models | Migrate a supported model from one version to any later version | Runs multiple iterations in one call.  Only works for models in the database with migration rules. |
| 5 | Validate models | XML validation for XML, XSD, IEPD catalogs, XML catalogs, CMF files.  NDR validation for XSD. | JSON validation and QA rules for properties and types should be added later. Reports in JSON and CSV. |

## References:

| Title | Link | Comments |
|---|---|---|
| NIEM Toolbox | https://niemopen.github.io/niem-toolbox/ | Will be available at the end of the current alpha. |
| NIEMOpen Tool Issue Tracker | https://github.com/orgs/niemopen/projects/4/views/2 | Kanban board for NIEM API and NIEM Toolbox.  Click tabs for other groupings and views of the data. |
| NIEM API 2.0 code | https://github.com/niemopen/niem-api | Code to be posted at the end of the current alpha. |
| NIEM Toolbox code | https://github.com/niemopen/niem-toolbox | Code to be posted at the end of the current alpha. |
| NIEM data for the new backend PostgreSQL database | https://github.com/niemopen/niem-api-db | SQL files with NIEM 1.0 – 5.2 data to be posted at the end of the current alpha. |

# MEP TOOL UPDATE

- Placeholder – Aubrey Beach

# COMMUNICATIONS & OUTREACH SUB-COMMITTEE

- Assisting NIEMOpen Management Office on planning for NIEMOpen Reveal
- Exploring long term options for NIEMOpen management functions
- Developing stewardship resources for inactive domains
- Planning with DAMA to expand use cases for NIEMOpen
- Presentations on NIEMOpen to industry, Practitioners
- Exploring new domains
- Soliciting deeper industry participation
- Response to inquiries from presentations

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NMO Transition

Ms. Katherine Escobar
NIEMOpen Project Governance Board Chair

# PGB MEETING SCHEDULE

## NEXT PGB Meeting

- Thursday, 1 August 2024

- Virtual Meeting 2 – 4 PM EDT

  – Virtual: MS TEAMS

### Subsequent CY 2024 Meetings

- Thursday, 7 November 2024, 2-4 PM EDT

Pending Approval

# OTHER BUSINESS/DISCUSSION

?

# ADJOURN

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

- **Chair:** Meeting Adjourned

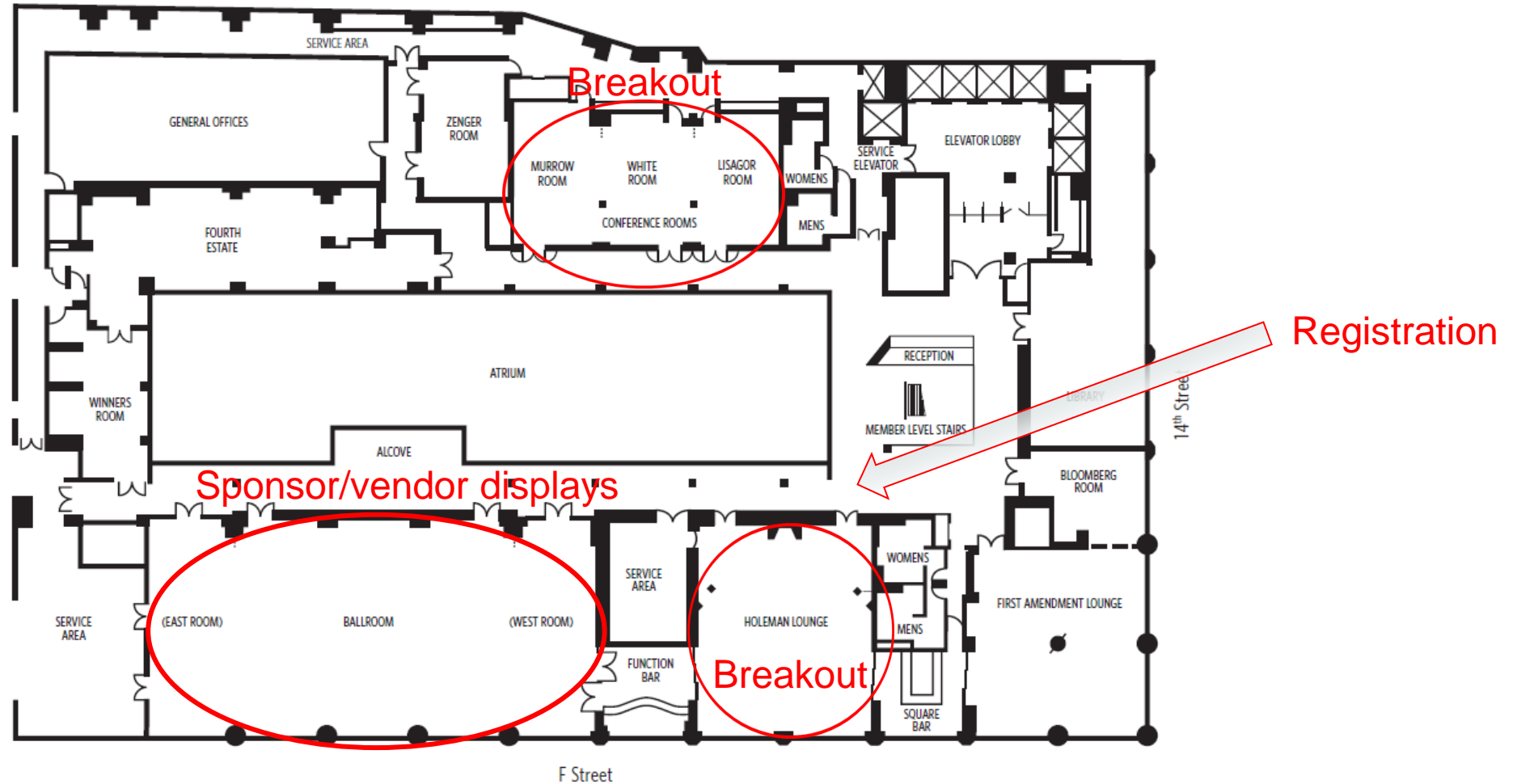# BACKUPS

# SLIDES PENDING

- # 10 Agenda Update – Steve Sullivan

- # 15 Q1 2024 Financials – Cathie Mayo

- # 27 PS02 link and ZIP file (add to slide when available)

- # 36 MEP - Aubrey

**Slides requested by this Thursday, 4 April to make it in the readahead, otherwise NLT 10 April for 11 April PGB.**

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# FACILITIES MAP



National Press Club Floor Plan

THE NATIONAL
PRESS CLUB

Breakout

Registration

Sponsor/vendor displays

Breakout

529 14th Street, NW, 13th Floor • Washington, DC 20045 • 202-662-7587 • events@press.org • www.press.org

# COST BREAKOUT – FACILITIES NPC

## Room Rental

| | Day Zero Morning | Day Zero Afternoon | Day Zero Evening | Day One Morning | Day One Afternoon | Day One Evening | Day Two Morning | Day Two Afternoon | Day Two Evening | Day Three Morning | Day Three Afternoon | Day Three Evening | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ballroom A-B-C | | | | $3,700.00 | $3,700.00 | | $3,700.00 | $3,700.00 | | $3,700.00 | | | $18,500.00 |
| MWL Rooms | | | | | $1,100.00 | | | $1,100.00 | | $1,100.00 | | | $3,300.00 |
| Holeman Room | | | | | $1,600.00 | $1,600.00 | | $1,600.00 | | $1,600.00 | | | $6,400.00 |
| First Amendment Room | | | | | $1,400.00 | $1,400.00 | | | | | | | $2,800.00 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | $31,000.00 |

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# REVEAL AGENDA (DAY 1, 18 FEB 2025)

## *NIEMOpen Reveal: Data Standard, Redefining the International Information Landscape*

- Holeman Lounge - Track 2 -- set for either 80 classroom or 100 theatre (or mixture)
  Conference Rooms (Murrow-White-Lisagor) - Track 3 -- set either 76 classroom or 110 theatre (or mixture)
- First Amendment Lounge - Backup for tabletops, Reception space

| Day 1 (18 February 2025) | | | |
|---|---|---|---|
| **Time (US EST)** | **Track 1 Grand Ballroom (Executive Plenary)** | | |
| 8:00 – 8:45 (45 min) | Registration | | |
| 8:45 - 9:15 (30 min) | **Open Session/Welcome Message** - Katherine Escobar (NIEMOpen Project Governing Board Chair/ Joint Staff J6 Data and Standards) | | |
| 9:15 - 9:40 (20 min) | **OASIS Overview** – Francis Beland (OASIS OPEN - Executive Director) | | |
| 9:40 - 10:05 (25 min) | **Why NIEMOpen?** - Kshemendra Paul (Department of Energy Assistant Inspector General for Cybersecurity Assessments and Data Analytics) | | |
| 10:05 - 10:30 (25 min) | **Panel Discussion (CIOs)** Moderator: Katherine Escobar | | |
| 10:30 - 10:45 | Break | | |

# REVEAL AGENDA (DAY 1, 18 FEB 2025)

| | | | |
|---|---|---|---|
| 10:30 - 10:45 | Break | | |
| 10:45 -11:30<br><br>(45 min) | **Keynote Speaker - The Honorable Mark R. Warner** | | |
| 11:30 - 12:30<br><br>(60 min) | **NIEMOpen Past Major Highlights/Accomplishments – Donna Roy (**Strategic Advisor, Guidehouse)<br><br>**Looking Toward the Future – Maria Cardiellos** (Executive Director IJIS) | | |
| 12:30 - 1:30 | Lunch | | |

| Time (US EST) | Track 1 Grand Ballroom (Executive Track) | Track 2 Breakout Room # 1 (Technical Primer): Holeman Lounge | Track 3 Breakout Room # 2 M-W-L (Technical Expert) |
|---|---|---|---|
| 1:30-2:45<br><br>(75 min) | **Executive Overview**<br>• IEPD/MEP Methodology<br>   ◦ (30 min) – Tom Carlson<br>• Implementations<br>   ◦ (20) min - Kamran Atri<br>• Governance – Stephen Sullivan<br>   ◦ (15 min)<br>• Q&A<br>   ◦ (10 min) | **Training Course Primer**<br>• LMS<br>   ◦ (15 min) – Aubrey Beach<br>• Training Module 1<br>   ◦ (50 min)<br>   ◦ What is NIEM? – Jim Cabral<br>   ◦ Scope of NIEM – Jim Cabral<br>   ◦ NIEM Harmonization and Organization – Tom Carlson<br>• Q&A<br>   ◦ (10 min) | **What's New**<br>• Technical Architecture<br>   ◦ JSON<br>   ◦ NIEM RDF & Knowledge Graphs<br>   ◦ (20 min) – Dr. Scott Renner<br><br>**NIEM Model**<br>• Version 6.0/6.1<br>   ◦ (15 min) – Christina Medlin<br>• Harmonization Process<br>   ◦ (10 min) – Christina Medlin<br>• NDR<br>   ◦ (10 min) – Jim Cabral<br>• Q&A<br>   ◦ (10 min)<br>• NIEM Tools Overview<br>   ◦ (10 min) – Dr. Scott Renner |
| 2:45 - 3:00 | **Break** | | |

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# REVEAL AGENDA (DAY 1, 18 FEB 2025)

| 3:00 – 3:45 | **Executive Overview (cont.)** <br>• Executive Version of NIEM Architecture <br>   o (15 min) – Jim Cabral <br><br>• **Summit Sponsors** <br>(45 min) | **Training Course Primer (cont.)** <br>• Training Module 2 <br>   o IEPD Development <br>      ▪ Process <br>      ▪ Artifacts <br>      ▪ Scenario Planning <br>      ▪ Analysis <br>      ▪ NIEM Oriented Tools <br>      ▪ Business Rules <br>   o (35 min) - Carlson <br>• Q&A <br>   o (10 min) | **Tool Demonstrations** <br><br>• CMF (Brief & Demo) <br>   o (35min) - Dr. Scott Renner <br>• Q&A <br>   o (10 min) |
|---|---|---|---|
| 3:45 – 4:00 | **Break** | | |
| 4:00 - 5:00 | **AWARD CEREMONY & Day 1 Summary & Closing** | | |
| 5:00 - 7:00 | **Reception** | | |

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# REVEAL AGENDA (DAY 2, 19 FEB 2025)

| Day 2 (19 February 2025) | | | |
|---|---|---|---|
| Time (US EST) | Track 1 Grand Ballroom (Executive Plenary) | | |
| 8:00 – 8:45 | Registration | | |
| 8:45 - 9:00 | **Open Session** - Katherine Escobar (NIEMOpen Project Governing Board Chair/ Joint Staff J6 Data and Standards) | | |
| 9:00 - 9:30 | **NIEMOpen Use Cases**<br><br>Moderator Kamran Atri | | |
| 9:30 - 10:00 | **Where Industry Fits In** - Paul Wormeli | | |
| 10:00 - 10:15 | Break | | |
| 10:15 – 11:30 | **Voices from the Field**<br><br>Moderator Paul Wormeli | | |
| 11:30 – 12:00 | International Speaker | | |
| 12:00 - 1:00 | Lunch | | |

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# REVEAL AGENDA (DAY 2, 19 FEB 2025)

| Time (US EST) | Track 1 Grand Ballroom (Executive Track) | Track 2 Breakout Room # 1 (Technical Primer): Holeman Lounge | Track 3 Breakout Room # 2 (Technical Expert) |
|---|---|---|---|
| 1:00 - 2:00 | **Executive Overview (cont.)**<br><br>• NIEM 6.0/6.1 Model<br>  o (20 min) – Dr. Scott Renner<br>• Tooling Overview – Dr. Scott Renner<br>  o (20 min)<br>• OASIS Standards Track<br>  o (20 min) - Chet Ensign (OASIS) | **Training Course Primer (cont.)**<br>• Training Module 3<br>  o (50 min) – Tom Carlson<br>  o Intro to Mapping<br>  o Mapping Spreadsheets<br>  o Documenting Business Objects<br>  o Basics of Searching NIEM<br>• Q&A<br>  o (10 min) | **Tool Demonstrations (cont.)**<br>• API 2.0 (Brief & Demo)<br>  o (30 min) – Christina Medlin<br>• Q&A<br>  o (10 min)<br>• MEP (Brief & Demo)<br>  o (20 min) – Aubrey Beach/ Shunda Louis |
| 2:00 - 2:45 | **EY Speaker (+Demo)** | **Training Course Primer (cont.)**<br>• Training Module 4<br>  o (35 min) – Tom Carlson<br>  o Mapping to Existing Objects<br>  o Native Properties<br>  o Substitution Groups<br>  o Namespaces | **Tool Demonstrations (cont.)**<br>• MEP (Brief & Demo) (cont.) (10 min) – Aubrey Beach/ Shunda Louis<br>• Q&A<br>  o (10 min) |

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| | | | |
|---|---|---|---|
| | | <ul><li>○ Inherited Properties</li></ul>**•** Q&A<br>   ○ (10 min) | |
| **2:45 - 3:00** | Break | | |
| 3:00 - 3:45 | **PGB, Panel** 45 min | **Training Course Primer (cont.)**<br>• Training Module 5<br>   ○ (35 min) – Tom Carlson<br>   ○ Schema Subsets<br>   ○ Waitlists<br>   ○ Extension and Exchange Schemas<br>• Q&A<br>   ○ (10 min) | **Open Discussion – Technical**<br>• Panel: Dr. Scott Renner, Jim Cabral, Tom Carlson, Christina Medlin, Shunda Louis, Aubrey Beach<br>   ○ (45 min) |
| 3:45 - 4:00 | **Day 2 Summary & Closing** | **Day 2 Summary & Closing** | **Day 2 Summary & Closing** |

# REVEAL AGENDA (DAY 3, 20 FEB 2025)

| | Day 3 (20 February 2024) | | |
|---|---|---|---|
| **Time (US EST)** | **Track 1 Grand Ballroom (Executive Plenary)** | | |
| 8:00 - 9:00 | **Tool Overview (Executive Demos)**<br><br>• (60 min)<br>• CMF (20 min) - Dr. Scott Renner<br>• API 2.0 (NIEM Toolbox) – (20 min) Christina Medlin<br>• MEP (20 min) - Aubrey Beach/ Shunda Louis | | |
| 9:00 – 10:00 | **Hack-a-Thon Results**<br><br>**Awardees**<br><br>(60) min – Ashwini Jarral | | |
| 10:00 - 10:15 | **Break** | | |
| 10:15 - 11:00 | NSF- NIEMOpen in Knowledge Management Plans | | |
| 11:00-11:45 | **The Future of NIEMOpen as an Open-Source Standard** - **Katherine Escobar** (NIEMOpen Project Governing Board Chair, JS J6 Data and Standards Division) | | |
| 11:45 – 12:00 | **Day 3 Summary & Closing** | | |
| 12:01 | Adjourn | | |

# MOTION TO APPROVE UPDATING NIEM MODEL VERSION 6.0 (PS01) TO PS02 TO REDRESS BUG FIXES

- **Chair:** A proposal to approve updating NIEM Model Version 6.0 (PS01) to PS02 will be proposed by the NTAC TSC. Included in the motion is direction to publish PS02 to the OASIS Library once approved by the PGB.
- **Maker: (**NTAC Co-Chair Jim Cabral) 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 minor bug fixes and 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

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# BLUF

## PGB CALL TO ACTION

- There is a cost to produce model releases, maintenance & updates
    — Development Support
    — OASIS Workflow
        ▪ Project Specification Draft
        ▪ Project Specification
        ▪ OASIS Standard
    — Harmonization
    — Model Release

    **3 FTE @ $1M ROM**

- Sources of revenue include:
    — Crowdsourcing funding through sponsorship $
    — Contributions to General Fund and/or supplemental contributions beyond sponsor dues
    — In kind labor: NMO, NBAC, & NTAC
    — Special Events: NIEMOpen Reveal surplus $
    — Monetizing key activities: training, help desk, tech support

It will take ~12 new premiere sponsors to annually generate $1M after dues to the General Fund.

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# NIEM API and Toolbox Update

| Alpha | Focus | Description | Comments |
|---|---|---|---|
| 1 | Transforms | Convert [CMF or XSD] to [CMF, XSD, OWL, or JSON Schema] | Other output transformation modules should be added later (e.g., spreadsheet, CSVs, lite UML, etc.) |
| 2 | Get model details | Get information about stewards, models, versions, namespaces, properties, types, and facets. Load NIEM 1.0 – 5.2 data. | Multi-model support for NIEM + IEPDs. |
| 3 | Search models | Search properties and types | Code set searching should be added later. |
| 4 | Migrate models | Migrate a supported model from one version to any later version | Runs multiple iterations in one call. Only works for models in the database with migration rules. |
| 5 | Validate models | XML validation for XML, XSD, IEPD catalogs, XML catalogs, CMF files. NDR validation for XSD. | JSON validation and QA rules for properties and types should be added later. Reports in JSON and CSV. |
| 6 | Infrastructure and updates | Upgrade CMF tool. Fix bugs. Update testing suites and infrastructure. Add UI for migration and validation. | Also adds better handling for structural updates to production db. Publish code and SQL. |
| 7 | Browse UI | Browse details about NIEM and other models. Load NIEM 6.0 data, plus additional fields. | Add support for type unions, local terminology, legacy fields, and starred components. |
| 8 | Search UI | Search properties, types, and codes | |
| 9 | Subsets | Build subsets in UI. Add SSGT wantlist to CMF transform. | New transform supports migrating users away from SSGT without losing their previous work. |
| 10 | Model updates | Low-level functions to update the model. Add support for user permissions. | Allows other users to create models and make incremental changes. |
| 11 | Model mgt artifacts | Load change request spreadsheets and update model. Add CMF to spreadsheet, CSV, and stats transforms. | NIEM 6.1 and future version support. Allows bulk changes via CR spreadsheet. |

Feb 12, 2024

| Done | In progress | To Do |
|---|---|---|

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# Support for MEP Builder and to replace legacy tools

| Alpha | Focus | MEP Builder | SSGT | Migration Tool | ConTesA | Movement | Model mgt |
|-------|-------|-------------|------|----------------|---------|----------|-----------|
| 1 | Transforms | * XSD transform bug | NIEM model to XSD | | | | |
| 2 | Get model details (API) | | | | | | |
| 3 | Search models (API) | | | | | | |
| 4 | Migrate models (API) | | | | | | |
| 5 | Validate models (API) | | | | | | |
| 6 | Infrastructure and updates | * Fix XSD transform bug | | Add UI to Toolbox | Add UI to Toolbox | | |
| 7 | Browse UI | | | | | | |
| 8 | Search UI | | | | | | |
| 9 | Subsets | | | | | | |
| 10 | Model updates | | | | | | Update NIEM model data; add migration rules. |
| 11 | Model mgt artifacts | | | | | | Load change requests. Generate version artifacts. |

Done | In progress | To Do

# Resources

| Title | Link | Comments |
| --- | --- | --- |
| NIEM Toolbox | https://niemopen.github.io/niem-toolbox/ | Will be available at the end of the current alpha. |
| NIEMOpen Tool Issue Tracker | https://github.com/orgs/niemopen/projects/4/views/2 | Kanban board for NIEM API and NIEM Toolbox.  Click tabs for other groupings and views of the data. |
| NIEM API 2.0 code | https://github.com/niemopen/niem-api | Code to be posted at the end of the current alpha. |
| NIEM Toolbox code | https://github.com/niemopen/niem-toolbox | Code to be posted at the end of the current alpha. |
| NIEM data for the new backend PostgreSQL database | https://github.com/niemopen/niem-api-db | SQL files with NIEM 1.0 – 5.2 data to be posted at the end of the current alpha. |

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