



# NIEMOPEN

NBAC TSC Slides  
27 March 2025 Meeting

# 27 MARCH 2025 NBAC TSC AGENDA

- **1:00 NBAC Chair (s) Opening Remarks – Mr. Kamran Atri, Thomas Krul & Paul Wormeli**
- **1:10 NIEM Management Office (NMO) Update – Mr. Steve Sullivan**
- **NBAC/NTAC Meeting Plenary**
  - **16 April 2PM – 4 PM EDT**
    - Microsoft Teams 16 Apr Plenary
    - [Join the meeting now](#)
    - Meeting ID: 993 108 722 556
    - Passcode: jy2Nd7Gc
    - Dial in by phone
    - [+1 410-874-6749,,519396558#](#)
  - **17 April 11AM-12Noon EDT**
    - Microsoft Teams 17 Apr Plenary
    - [Join the meeting now](#)
    - Meeting ID: 993 444 414 694
    - Passcode: en2nu965
    - Dial in by phone [+1 410-874-6749,,913848309#](#)
    - Phone conference ID: 913 848 309#
  - Documents supporting these meetings can be viewed at: [nbac-admin/16-17-april-2025-nbac-ntac-meeting-docs at main · niemopen/nbac-admin · GitHub](#)
- - NDR PSD01 Update
  - Model Version 6.0 Update
- **1:20 NTAC Update – Scott Renner, Brad Bolliger**
- **1:30 Communications & Outreach NMO Sub-Committee update – Paul Wormeli**
- **1:35 Community Updates - all**
- **1:40 Questions/Final Remarks**

# NIEM MANAGEMENT OFFICE

- April 2-3 Cybersecurity Interoperability Workshop & Plugfest:
  - <https://sites.google.com/oasis-open.org/caspvillage/home>
  - Lightning Round Presentation: Paul Wormeli
  - All welcome to join virtually
  - The event is free, but in-person space is limited. Register [[here](#)].
  - <https://github.com/opencybersecurityalliance/casp/tree/main/Plugfests>
- April 16-17 NBAC/NTAC Meeting
  - <https://github.com/niemopen/nbac-admin/tree/main/16-17-april-2025-nbac-ntac-meeting-docs>
  - 2 Plenary Sessions
  - Look for calendar invite on NBAC mailing list/calendar & 27 May NBAC Agenda

# NIEM MANAGEMENT OFFICE (CONT.)

- April 28 – 1 May California County Information Services Directors Association (CCISDA) Spring Conference, Eveline Resort & Spa, Lake Tahoe, CA
  - Paul Wormeli Guest Speaker
  - <https://ccisda.org/page/2025SC>
- Webinar 22 May 1-3 PM EDT
  - Registration: <https://ijis.org/events/niemopen-webinar-unveiling-the-future-of-niem/#!event-register/2025/5/22/niemopen-webinar-8211-unveiling-the-future-of-niem>
  - EIN PRESSWIRE: <https://www.einpresswire.com/article/793904715/free-webinar-unveiling-niemopen-6-0-release>
- Next PGB Meeting 29 May 2-4 PM EDT
  - **Microsoft Teams May PGB**
    - [Join the meeting now](#)
    - Meeting ID: 993 272 665 665
    - Passcode: yQ6Cz6Wh
    - Dial in by phone**
    - [+1 410-874-6749,,743104072#](#) United States, Odenton
    - Phone conference ID: 743 104 072#
- NIEM Reveal 8 October 2025, Planning Started, National Press Club, Washington, DC

# WEBINAR (DRAFT)

- Date/Time: 22 May 1-3 PM EDT
- Host: IJIS
- Venue: Virtual
- Draft Agenda:
  - 1:00 Welcome and relevance-Maria Cardiellos
  - 1:05 Introduction to the new NIEM--Katherine
  - 1:15 New NIEMOpen Version 6.0 (10 min) - TBD
  - 1:25 CMF/CMF Tool (15 min, includes demo) – Scott Renner
  - 1:40 API 2.0 – TBD
  - 1:50 NDR 6.0 and toolkit+ future updates - Renner
  - 2:00 The future of NIEMOpen with OASIS – Jim Cabral
  - 2:10 NIEM on the ground –TBD Maria Cardiellos
  - 2:20 New dimensions for NIEMOpen in ontologies – Sonoma County
  - 2:30 The future plans and resources - Katherine
  - 2:35 Q&A (panel with Katherine, Maria, NBAC and NTAC chairs)
  - 3:-00 Close

# TECHNICAL ANNOUNCEMENTS

- NIEMOpen NDR v6.0 PSD01 Approved
  - Submitted for Publication to OASIS Library
  - The permanent "Latest stage" URI will be:  
<https://docs.oasis-open.org/niemopen/ndr/v6.0/ndr-v6.0.html>
  - Current Version: <https://github.com/niemopen/niem-naming-design-rules>
- NIEM Model v6.0 PS02 Pending PGB vote
  - The permanent "Latest stage" URI will be:  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/niem-model-v6.0.html>
  - Dev version: <https://github.com/niemopen/niem-model/tree/dev>
  - Provide 2 week notice to PGB on 7 April announcing a Special Majority Vote of PS02 commencing 21 April
    - "*Special Majority Vote*" is a vote in which at least 2/3 (two thirds) of the eligible voters vote "yes" and no more than 1/4 (one fourth) of the eligible voters vote "no". These numbers are based on the total number of eligible voters in the committee. Abstentions are not counted.

# BACKUP

# RESOURCES

Katherine Escobar, [katherine.b.escobar.civ@mail.mil](mailto:katherine.b.escobar.civ@mail.mil), 757-203-8631

- **Git Repos**

- NIEMOpen: <https://github.com/niemopen/>
- NTAC TSC
  - <https://github.com/niemopen/ntac-admin>
- NBAC TSC
  - <https://github.com/niemopen/nbac-admin>
- NMO TSC
  - <https://github.com/niemopen/nmo-admin>
  -
- NIEMOpen Slack Channel: <https://niemopen.slack.com/>

- **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>



<https://www.niem.gov/>

<https://niemopen.org/>



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[https://twitter.com/NIEMconnects?ref\\_src=twsrc%5Etfw](https://twitter.com/NIEMconnects?ref_src=twsrc%5Etfw)



<https://www.linkedin.com/groups/1903175/profile>



<https://www.youtube.com/channel/UCg9qV22PXLBJG41hc-EwVrQ>

[IEPD/MEP REPO](#)

[MEP TOOL](#)

[CMF TOOL](#)

[NDR v6.0 PSD01](#)

[NIEM Model v6.0 PS02](#)





# 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)

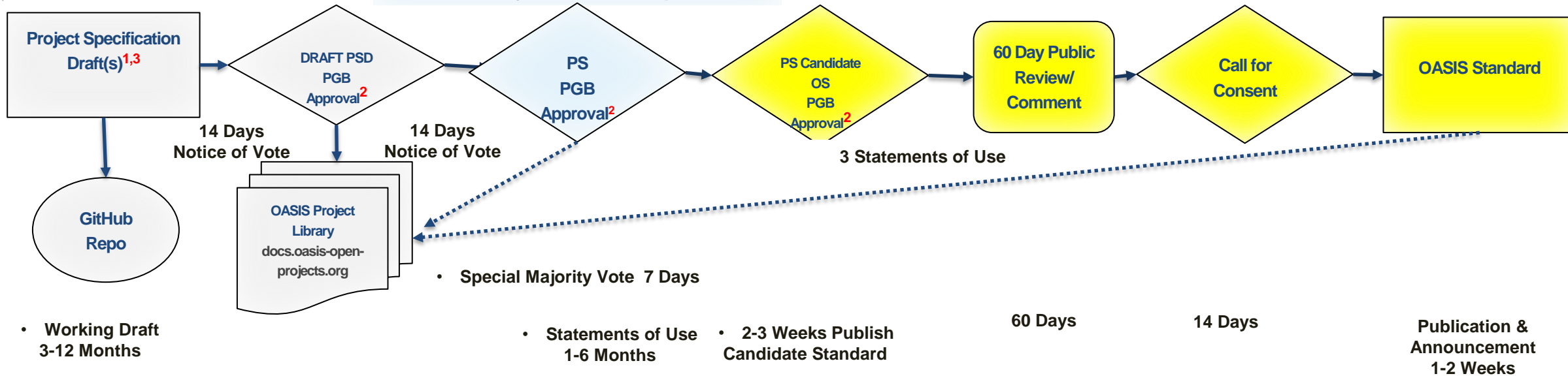
- PGB can decide to advance PS to OASIS for consideration as an OASIS Standard
  - Requires 3 Statements of Use and a Special Majority Vote run by OP Admin
  - 60-day public comment period
  - The Project Specification (PS) is put to OASIS Members in a 14-day Call for Consent. If no objections, work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

- PSD produced with oversight of TSCs
- TSC recommends PSD to PGB

- PGB requests Special Majority Vote be run by OP Administrator
  - PS has the same standing as an OASIS Standard
  - 7 days minimum - 2/3 must vote yes, no more than 1/4 nay votes
  - OP Admin publishes PS to the library and announces/promotes

- Project Specification Approved by PGB
- PGB approve PS as Candidate for OASIS Standard

- OASIS Standard approved by members under Call for Consent



# NIEM API 2.0 AND NIEM TOOLBOX – 1

Transition legacy NIEM tools into updated open source products. Move key functionality out of tools into the API for reusability.

Feature	NIEM API	NIEM Toolbox
(Background)	<ul style="list-style-type: none"><li>• Java / Spring Boot and PostgreSQL database</li><li>• Hosted via GTRI</li></ul>	<ul style="list-style-type: none"><li>• Nuxt (JS) SPA</li><li>• Hosted via GitHub Pages (<i>free</i>)</li></ul>
Transforms	<ul style="list-style-type: none"><li>• Transform models into other formats</li><li>• Inputs – CMF or NIEM XSD</li><li>• Outputs – CMF, XSD, JSON Schema, or OWL</li><li>• Leverages the CMF tool</li></ul>	<ul style="list-style-type: none"><li>• Form to upload file and set options</li><li>• API request</li><li>• Download results</li></ul>
Validation	<ul style="list-style-type: none"><li>• XSD – Validate and check NDR conformance</li><li>• XML – Validate against provided schema</li><li>• CMF – Validate against schema (NTAC)</li><li>• IEPD catalog – Validate against schema (NTAC)</li><li>• XML catalog – Validate against schema (OASIS)</li></ul>	<ul style="list-style-type: none"><li>• Form to upload file and set options</li><li>• API request</li><li>• Download and view results</li></ul>
Migration	<ul style="list-style-type: none"><li>• Migrate from one supported model version to a more recent version</li><li>• Can iterate over multiple versions in one call</li><li>• Accepts input and generates results as CMF</li></ul>	<ul style="list-style-type: none"><li>• Form to upload file and set options</li><li>• API request</li><li>• Download and view results</li></ul>

# NIEM API 2.0 AND NIEM TOOLBOX – 2

Transition legacy NIEM tools into updated open source products. Move key functionality out of tools into the API for reusability.

Feature	NIEM API	NIEM Toolbox
Model data	<ul style="list-style-type: none"><li>• Return information about models, versions, namespaces, properties, classes, datatypes, and facets</li><li>• Supports NIEM and published community models</li><li>• NIEM data 1.0 – 5.2 currently available</li></ul>	<ul style="list-style-type: none"><li>• Browse model data</li><li>• View information about components</li><li>• View information about curated list of common components</li></ul>
Search	<ul style="list-style-type: none"><li>• Search properties, types, and codes</li><li>• Supports fuzzy searching, including tokens and substrings</li><li>• Filter results by namespace</li><li>• Component-specific search fields</li></ul>	<ul style="list-style-type: none"><li>• Search models</li><li>• View results</li><li>• View information about components</li></ul>
Model management	<ul style="list-style-type: none"><li>• Add, edit, and delete model content</li><li>• Model and component QA</li><li>• Load change request spreadsheets</li><li>• Generate release artifacts</li><li>• Generate model stats</li></ul>	

# 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



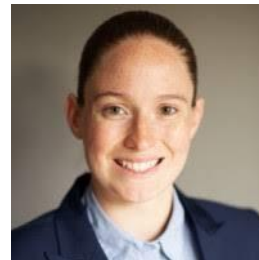
**Ms. Maria Cardiellos**  
Executive Director  
Integrated Justice  
Information Systems  
Institute



**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



**Ms. Erin Partin**  
Data Scientist,  
Office of the  
Principal Deputy  
Director, National  
Institute of Justice  
(NIJ)



**Ms. Erica Smith**  
Data Scientist, Unit  
Chief – Law  
Enforcement  
Incident-Based  
Statistics Unit,  
Bureau of Justice  
Statistics(BJS)



**Mr. Tom Welch**  
Director of  
Information  
Technology  
OHIO HIDTA –  
Including Northern  
KY & Western PA

# PGB EXPERT VOTING MEMBERS & NON-VOTING MEMBERS

## PGB EXPERT VOTING MEMBERS Technical Steering Committees



**Mr. Thomas Krul**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC



**Ms. Darcy Staley**  
Co-Chair, NIEM  
Management  
Organization TSC



**Dr. Scott Renner**  
Co-Chair, NIEM  
Technical  
Architecture  
Committee TSC

## PGB EXPERT NON-VOTING MEMBERS Technical Steering Committees



**Mr. Kamran Atri**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC



**Mr. Paul Wormeli**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC



**Mr. Brad Bolliger**  
Co-Chair, NIEM  
Technical  
Architecture  
Committee TSC



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

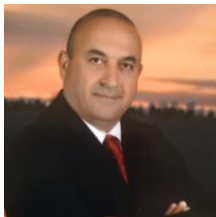
TSC	Approved (TSC CHAIRS)
NMO TSC	Ms. Darcy Staley & Ms. Beth Smalley
NBAC TSC	Mr. Kamran Atri & Mr. Thomas Krul, Mr. Paul Wormeli
NTAC TSC	Dr. Scott Renner & Mr. Brad Bolliger

GitHub Repos	Primary	Alternates
NIEM Open	Ms. Christina Medlin, Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan (pgb-minutes)
NTAC-Admin	Dr. Scott Renner, Mr. Brad Bolliger	Mr. Aubrey Beach, Mr. Tom Carlson, Mr. Jim Cabral, Ms. Christina Medlin, Ms. Shunda Louis
NBAC-Admin	Mr. Steve Sullivan, Mr. Aubrey Beach	Ms. Shunda Louis, Ms. Christina Medlin
NMO-Admin	Ms. Darcy Staley, Mr. Aubrey Beach	Mr. Steve Sullivan, Ms. Shunda Louis

NTAC  
TSC



NBAC  
TSC



NMO  
TSC



Christina Medlin



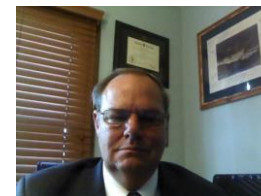
Aubrey Beach



Dr. Scott Renner



Brad Bolliger



Steve Sullivan



Darcy Staley