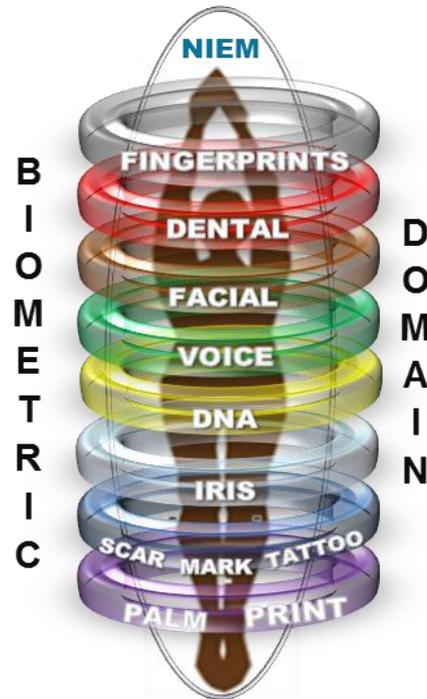

NIEM



Biometric Domain

January 2013

ANSI/NIST-ITL Standard

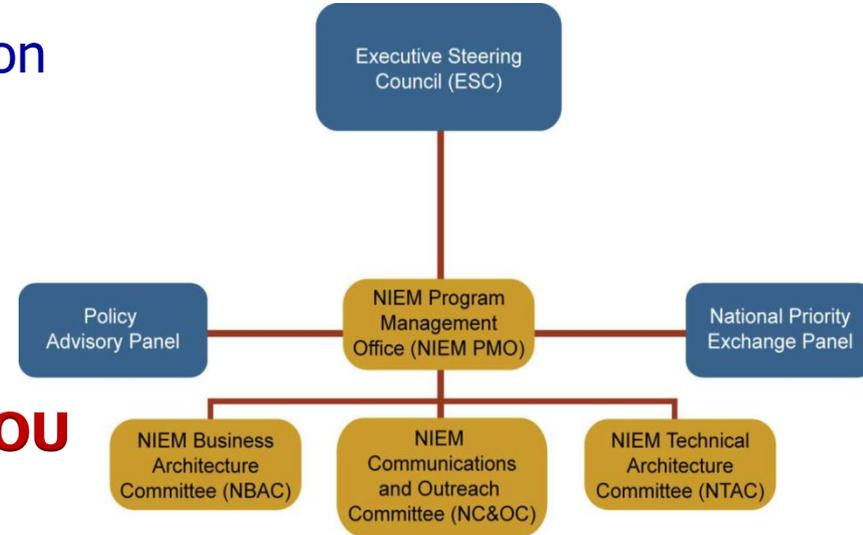
- Requirement:
 - Domain stewardship is required for establishing and maintaining a NIEM Biometrics Domain, and for participation in NIEM governance activities.
- 2008 version was first with XML
 - Schedule of NIEM and ANSI/NIST-ITL not in sync
 - Portions of NIEM core based upon early drafts of the standard
 - Need to update the standard meant conflict with NIEM core
 - Process was very awkward

ANSI/NIST-ITL Standard (Cont)

- 2011 version -- new approach needed
 - Biometrics Domain to be updated based upon ANSI/NIST-ITL schedule
 - Maintain backward compatibility to maximum extent possible
 - Separate governing structure from ANSI/NIST-ITL since it is a consensus standard without a formal management → Biometrics Domain Management
 - No changes to Biometrics Domain in NIEM affecting ANSI/NIST-ITL without approval of ANSI/NIST-ITL

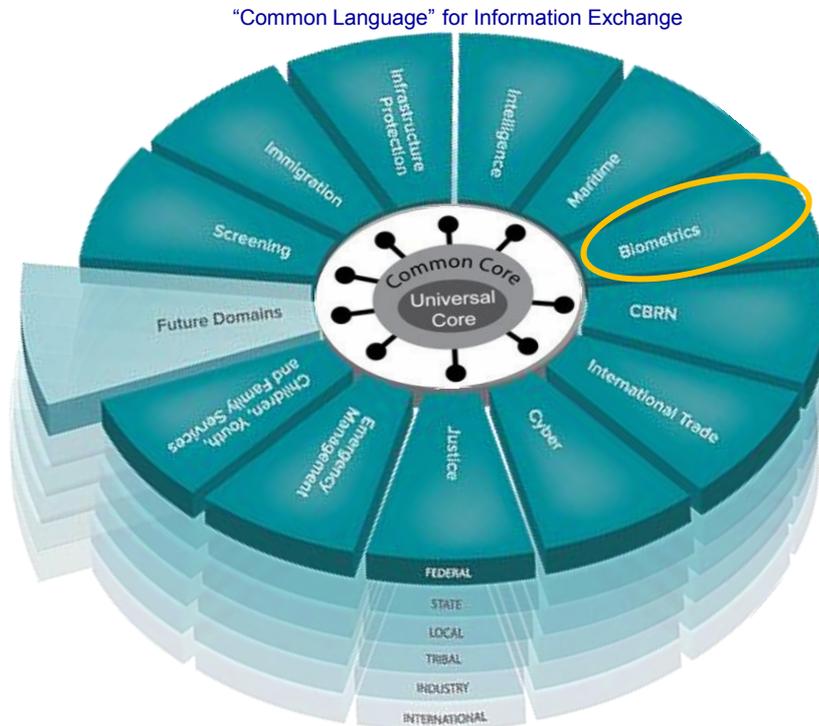
National Information Exchange Model (NIEM)

- Data Dictionary of Harmonized Terms and Definitions
- Reusable Data Models and Schemas
- Set of Rules for Building NIEM Components
- Clearinghouse of Reusable *Information Exchange Package Documentation (IEPD)*
- Tools, Training, Knowledge Center, and Helpdesk
- Library of Supporting Documentation
- Partnership of Local, State, Tribal, and Federal organizations
- Operational Practitioner Driven - **YOU**



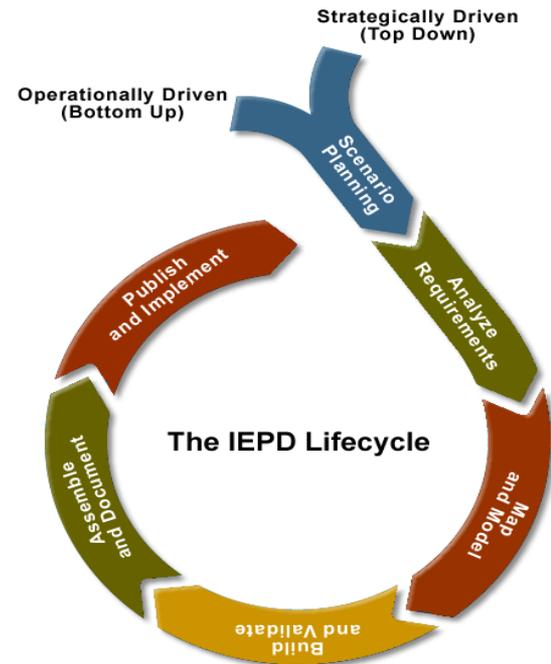
NIEM Components & Authorities

Components of NIEM



Built and governed by the business users at Federal, State, Local, Tribal and Private Sectors

Repeatable, reusable process for business users to document information exchange requirements



- Executive Order 13356
 - 2004 -develop common standards for the sharing of terrorism information by agencies within the Intelligence Community
- The 2012 "*National Strategy for Information Sharing and Safeguarding*"

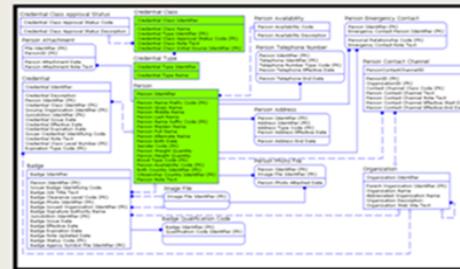
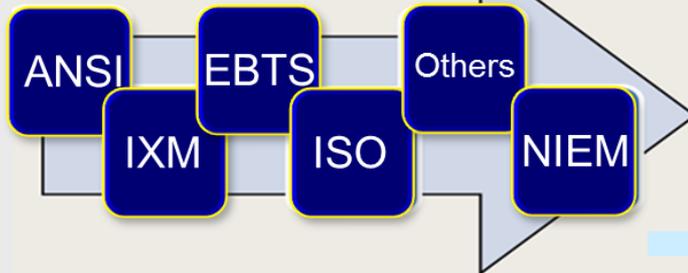
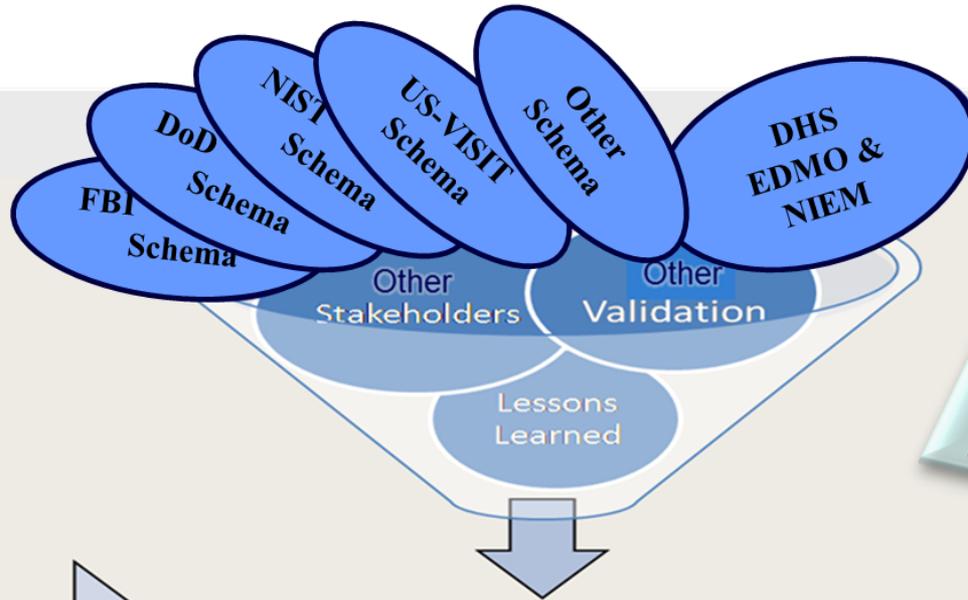
Engaging Stakeholders

Development Life Cycle

Phase 1 – Working with sub-components to understand and capture the attributes.

Phase 2 – Support the development of the data modeling and mapping for the exchanges.

Phase 3 – Support development of specifications and promotion to DHS Data Repositories

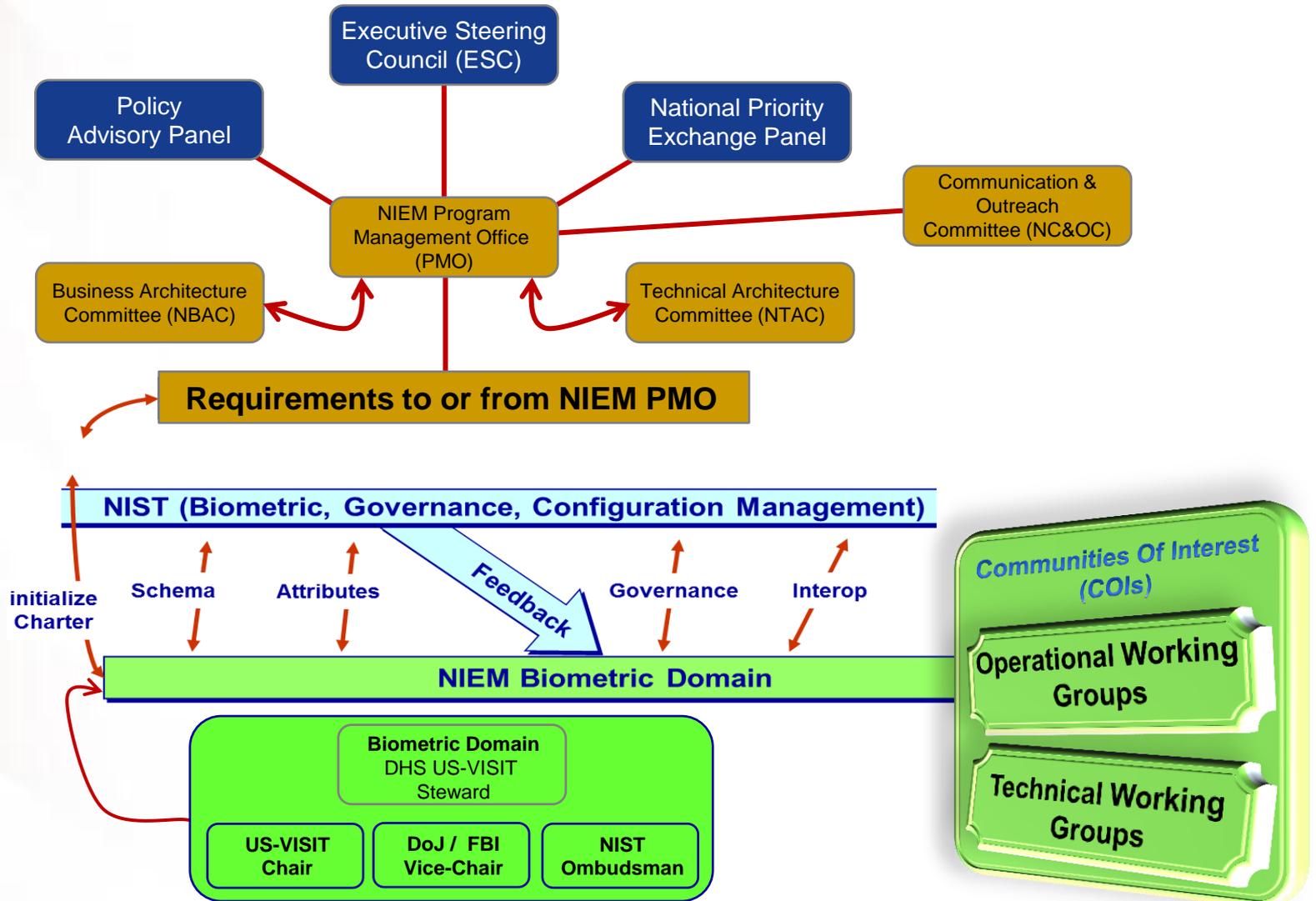


SUPPORT THE MISSION

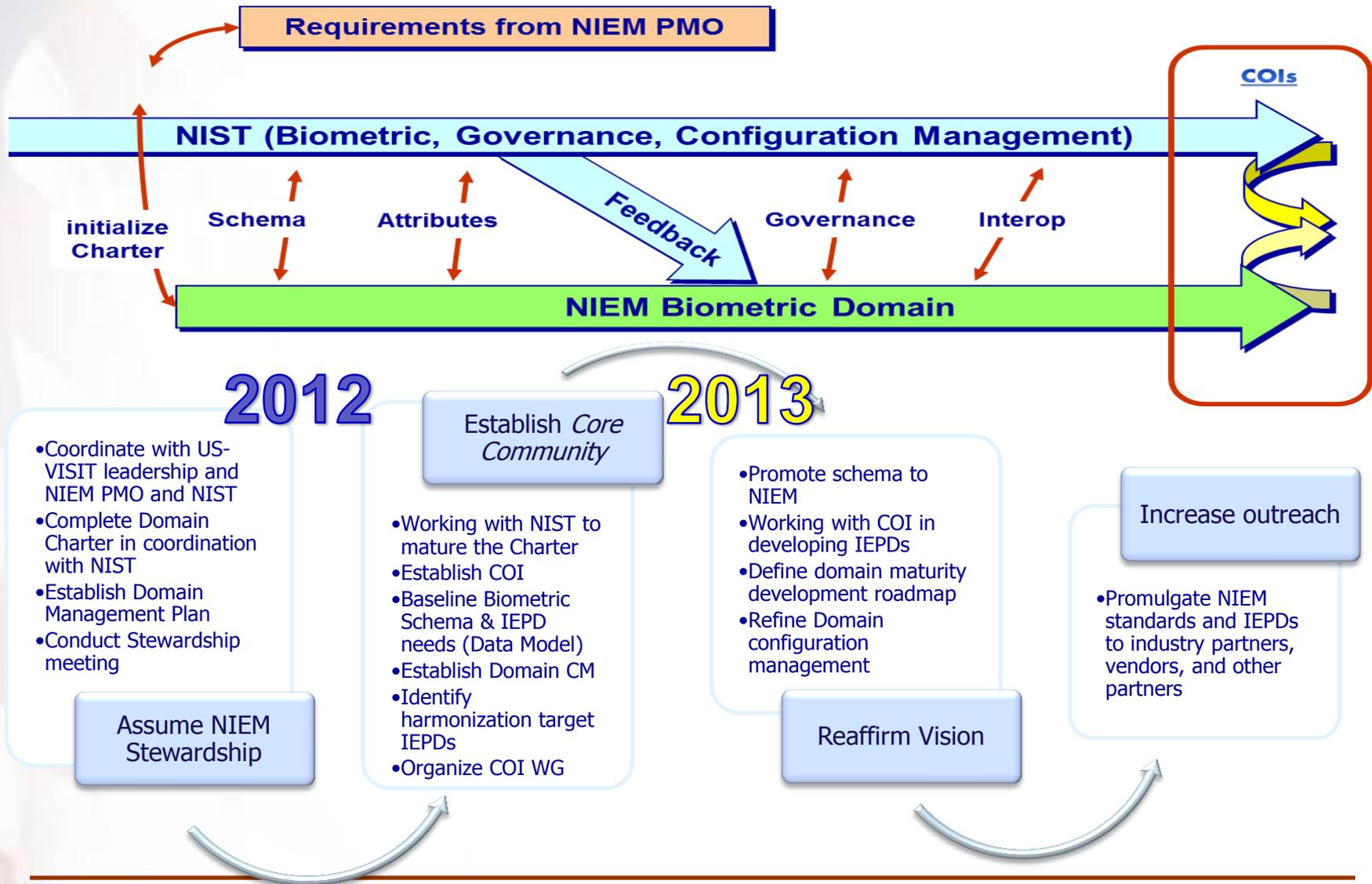
Biometric Domain



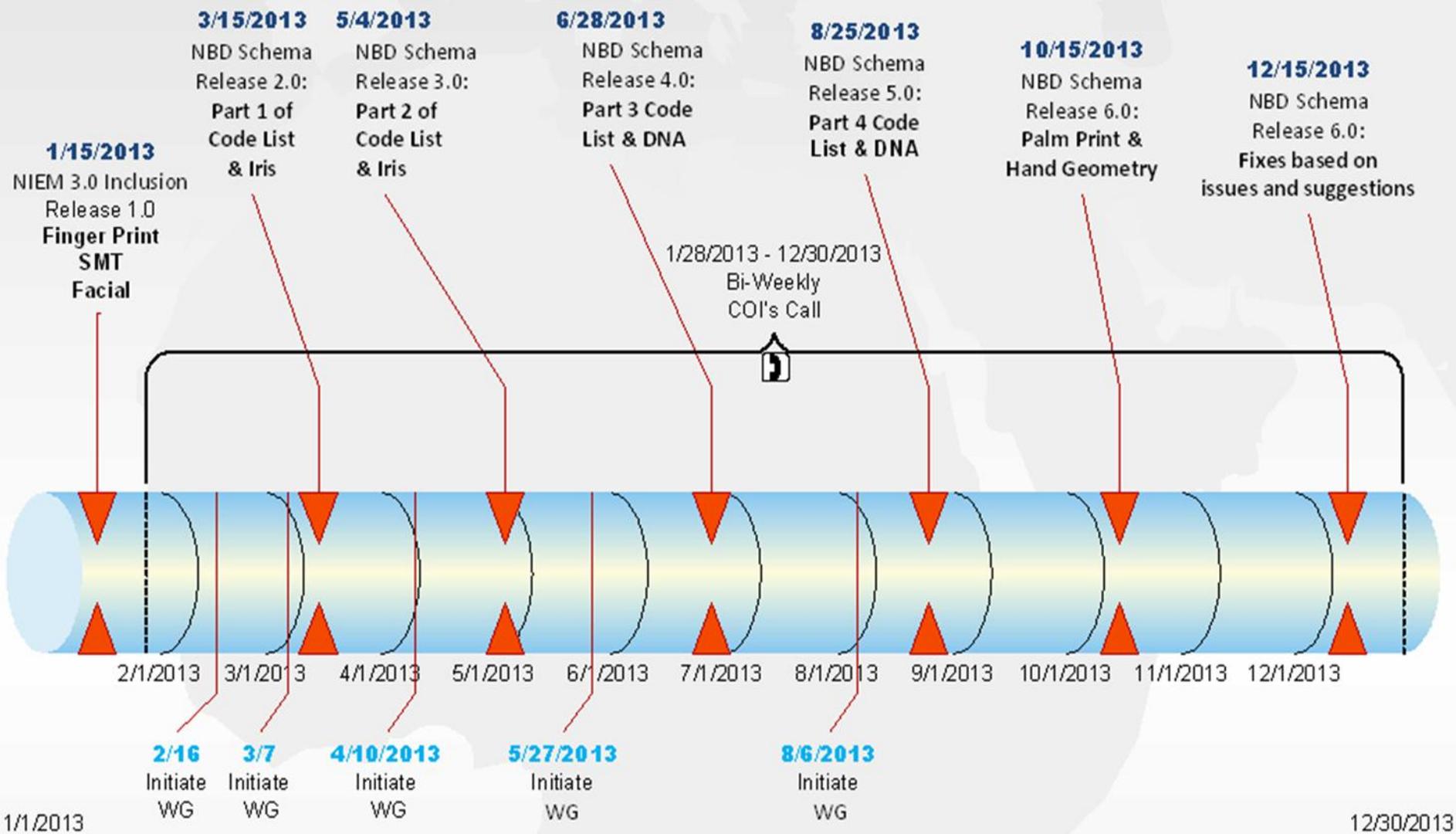
NIEM Biometric Domain Alignment



Continuous Stakeholder Engagement



Review Process and Timeline



Acknowledgements for this version

- **Executive Committee's Member:**
 - **Chair:** Will Graves, NPPD US-VISIT
 - **Vice-Chair:** Justin Smith, DoJ FBI
 - **Ombudsman:** Brad Wing, NIST
- **Working group participants:**
 - **DoD:** William Zimmerman, Ryan Triplett, Jeffrey K. Schultz
 - **FBI/DoJ:** Jennifer Stathakis, Cathy Wimer, Joe Pancaro, Omar F Cuadra, Cherie Hayes
 - **US-VISIT:** David Bouis
 - **TSC:** Mike Patnode
 - **Other COIs and organizations:** Bonny Scheier(SABER), Brian Finegold(Noblis), Charlie Schaeffer(State of Florida), Stephen Dunbar(NEC), Rene Pape(Plass Data), Alexij Kochetkov(Neurotechnology), CJIS
- **NBD Facilitator Team (CSE support team):**
 - Kamran Atri, Shuchita Bora, Lain McNeill, Brian Orledge

NIEM Biometric Domain Membership

Collaboration Site

 **William Graver**
NIEM Biometric Domain Chair
US-VISIT Program
Biometric Domain Inveed

National Information Exchange Model (NIEM)
Biometric Domain Membership Approval Form

I _____, wish to be a member of the NIEM Biometric Domain.

As a member of the NIEM Biometric Domain, I agree to follow the framework, policies, processes and governance as set forth in the NIEM Biometric Domain Charter and Management Plan and to provide the necessary assistance and contributions as required by the Domain, including serving and voting on issuing required domain resolutions. If I am unable to take action on any issues that requires Domain Member input, I will designate my alternate (if any) to act in my stead.

Please email this form to NIEM-BD-FACILITATOR@CSE-CORP.COM. Upon vetting and approval by the Chair of the Domain a notification will be sent to you with details on next steps and activities.

The organization I represent is (check one) _____ US Federal Government _____ Other Government _____ Consultant _____ Vendor _____ Other _____

My preferred mode of participation is (check all that apply) _____ Member only _____ Technical Working Group _____ Operations Working Group _____ Tiger Teams (various issues)

Signed _____ Date ____/____/____

Printed Name _____
Organization _____
Address _____
E-mail Address _____ Fax _____
Phone _____

For Official Use
Approved _____ YES _____ NO _____
Approver Name _____ Date ____/____/____
Approver Signature _____

 **US-VISIT**
NIEM Biometric Domain Membership Approval Form

 **Homeland Security**

Site Actions | Browse | Page | id# /biem_niem_membership_provider/shuc...

Biometrics Workspace

Workspace for Biometrics

Home | About NIEM | Meet Us | Technical NIEM | **Communities** | Training | Contact Us

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Libraries | Site Pages | Shared Documents | Newsletters | Weekly Updates | Lists | Calendar | Tasks | Discussions | Team Discussion

Biometrics Workspace

The NIEM Biometric Domain has become official. The Biometrics Domain focuses on digitizing facial images, fingerprints, palmprints, SMV, iris images, DNA data etc into data elements that can be exchanged electronically. Biometrics information can assist efforts in homeland security, law enforcement, and defense, to name a few.

Chair: Will Graves, NPPD US-VISIT
Vice Chair: Justin Smith, DoJ FBI
Members: [List of members]

Start a new discussion

Biometric Schema and Related Documents

Type	Name	Modified	Modified By
Document	Biometric Schema Submission v1.0 	12/7/2012 11:45 AM	id# /biem_niem_membership_provider/shuchta.bora
Document	NIEM BD Membership Form	12/9/2012 9:03 AM	id# /biem_niem_membership_provider/borledge
Document	NIEM Biometric Domain brochure tri-fold	12/7/2012 12:45 PM	id# /biem_niem_membership_provider/shuchta.bora
Document	NIEM Biometric Domain Schema Feedback Form	12/9/2012 9:09 AM	id# /biem_niem_membership_provider/borledge

Announcements

Title	Modified
Welcome to the new Biometrics Workspace	12/9/2012 8:52 AM

Calendar

December, 2012

Working Groups' Calendar

For More Information

Individuals or organizations interested in learning more about the NIEM Biometric Domain or registering for a Community of Interest membership and participation can visit:

<https://www.niem.gov/communities/biometrics/Pages/about-bm.aspx>

or

send an email to NIEM-BD-Facilitator@cse-corp.com



Kamran Atri

Project Lead Architect

CSE CTO

<http://www.cse-corp.com>

Formalizing the NIEM Biometric Domain

Foundation Activities:

- Establish the Domain within NIEM.GOV
- Define administrative and managerial assets
 - NIEM Facilitator
 - Domain Steward (US-VISIT Program)
 - Executive Management Committee (Chair, Co-Chair, Ombudsman)
- Create Domain Charter and Domain Management Plan
 - Governance framework aligned to NIST

Engagement Activities:

- **Using Domain CoI vet, facilitate, and authorize the Biometric Schema for NIEM 3.0 inclusion**
- Promote Biometric CoI contribution via NIEM Biometric Domain Working Groups
- Increase COI NIEM alignment through IEPD development (Training and Technical support)
- Create a IEPD Repository (promote reusability)

