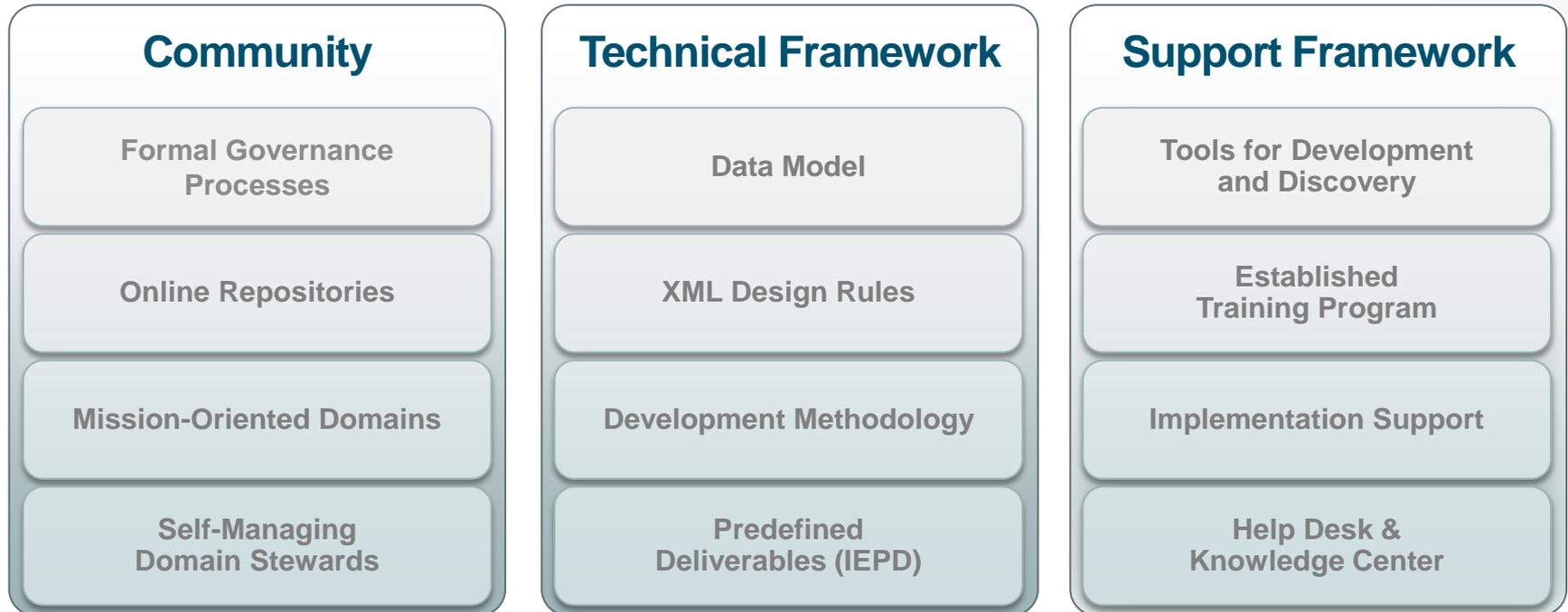


< NIEM >

TM

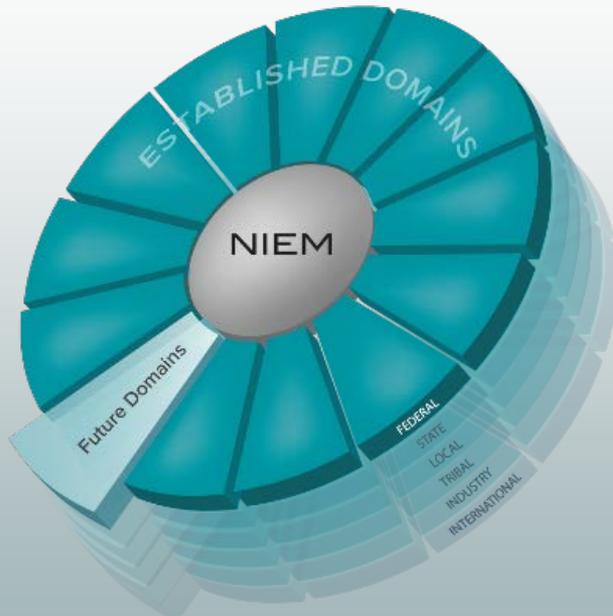
NIEM OVERVIEW

NIEM connects communities of people who share a common need to exchange information in order to advance their missions. **NIEM provides a foundation** for information exchange between federal, state, local, and tribal agencies. Much more than a data model, **NIEM offers an active user community** as well as a technical and support framework.



HOW NIEM WORKS

Common Language (Community-driven Data Model)

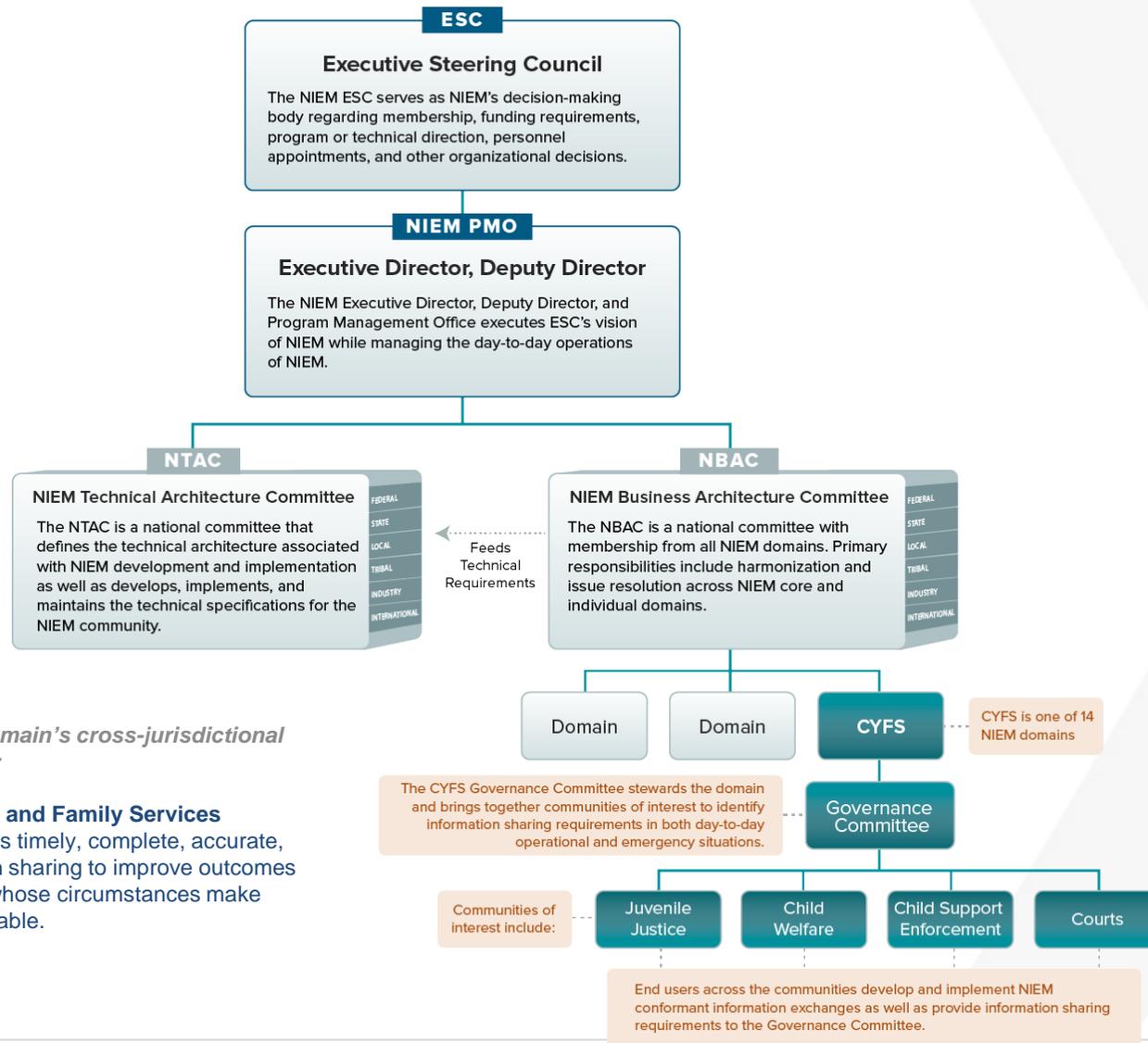


Built and governed by the business users at federal, state, local, tribal, international, and private sectors

Repeatable, Reusable Process (Information Exchange Development Lifecycle)



NIEM GOVERNING STRUCTURE



Example of a NIEM domain's cross-jurisdictional governance structure:

NIEM Children, Youth, and Family Services (CYFS) domain supports timely, complete, accurate, and efficient information sharing to improve outcomes for children and youth whose circumstances make them particularly vulnerable.

FINANCIAL TOUCH-POINTS

Government Financials

- American Recovery and Reinvestment Act of 2009 (ARRA) - Recovery.gov
- Contracts/Grants/Cooperative Agreements
- Research & Development

Management

- Investment Management (CPIC) & IT Dashboard
 - OMB Exhibit 53
 - OMB Exhibit 300
 - TechStat
- Travel Management
- Real/Personal Property Management
- Fleet/Asset Management

Treasury

- Financial Crimes Enforcement
- Foreign Assets Control



LAUNCHING SOON!

our sharing spot.

NIEM is a community-driven, standards-based approach to exchanging information. This **Open Source Spot** is for the community to have access to resources that will help them use NIEM and make NIEM easier for others to use.

 **NIEM-UML**

The NIEM-UML Profile allows UML tool providers to build NIEM into their products. Contribute to the development of the NIEM-UML Profile for v3.0.

[Learn More](#) [GitHub Repo](#)

 **NIEM Developer Network**

The NIEM developer network serves as a one-stop resource for IEPD templates, examples, and tutorials for developers and implementers.

[Participate Now](#)

 **Implementation Catalog**

A catalog of commonly used ways to implement NIEM —including Java, web services, and others. Help us add more!

[Learn More](#) [GitHub Repo](#)

 **IEPD Repository**

A golden rule of NIEM is "if it exists, use it." So share your IEPDs for reuse! They can be reused partially or fully, saving time and money.

[Share Now](#)

 **Model Management**

Help pilot the use of GitHub to update the NIEM Emergency Management domain model content!

[Submit Updates](#)

 **Feedback & Ideas**

We're just starting out on GitHub and greatly appreciate your feedback! Share a thought. Brainstorm Ideas. Submit an issue.

[Submit Here](#)

LAUNCHING SOON!

Additional Resources

Model Content and Architecture

Current Release

The NIEM model is in version 3.0. The current release contains the schemas, as well as additional formats such as Excel to be downloaded.

References and Specs

References and specifications provide understanding and rationale of the NIEM technical architecture. These documents include the Naming and Design Rules (NDR), Model Package Description (MPD) specification, amongst others.

Tools Catalog

The NIEM Tools Catalog is a convenient location for the NIEM community to identify tools available that support defined NIEM capabilities. Have a NIEM tool? Submit it to the catalog!



Relevant Projects and Links

NDR Test Suite

Access tools available for the testing and use of the NIEM 3.0 Naming and Design Rules (NDR) Schematron rules.

Project Interoperability

NIEM is a tool in support of Project Interoperability which is led by the Program Manager for the Information Sharing Environment (PM-ISE).

NIEM-UML to OWL

This OWL plugin converts a NIEM model into an equivalent representation in OWL. This plugin is freely available via the Apache license.

NIEM Modeling Tool | Video Demo

The NIEM Modeling Tool is an open source tool that simplifies building NIEM exchanges using NIEM-UML. Use and improve the community-owned tool here.

OMG Threat Modeling Phase 1

The Object Management Group (OMG) in partnership with government, industry, and academia is leading a Threat Modeling effort—one of the data structures they are federating is NIEM.

Stay tuned to NIEM.gov for information on how YOU can contribute!